

Coastal Temperature Monitoring Program from 2018 to 2019: Southern Gulf of St. Lawrence

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**Canadian Data Report of
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Canadian Data Report of
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**Coastal Temperature Monitoring Program
from 2018 to 2019: Southern Gulf of St. Lawrence**

by

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TABLE OF CONTENTS**Page**

| | |
|---------------------------------|------|
| LIST OF TABLES | iii |
| LIST OF FIGURES | iii |
| LIST OF APPENDICES | iv |
| ABSTRACT | viii |
| RÉSUMÉ | viii |
| 1.0 INTRODUCTION | 1 |
| 2.0 MATERIALS AND METHODS | 1 |
| 3.0 DATA PRESENTATION | 2 |
| 4.0 ACKNOWLEDGEMENTS..... | 2 |
| 5.0 REFERENCES | 2 |

LIST OF TABLES

| | |
|--|---|
| Table 1.....Buoy codes, geographic locations and water depth of temperature monitoring stations in coastal waters of New Brunswick, Nova Scotia and Prince Edward Island in 2018 | 4 |
| Table 2.....Buoy codes, geographic locations and water depth of temperature monitoring stations in coastal waters of New Brunswick, Nova Scotia and Prince Edward Island in 2019 | 5 |

LIST OF FIGURES

| | |
|--|---|
| Figure 1.....Location of the water temperature monitoring stations in the Southern Gulf of St. Lawrence in 2018..... | 7 |
| Figure 2.....Location of the water temperature monitoring stations in the Southern Gulf of St. Lawrence in 2019..... | 8 |

LIST OF APPENDICES

Page

| | | |
|-------------|--|-----|
| Appendix A. | Summary tables by month and yearly plots of the daily mean water temperature data by location in 2018. | |
| | Alberton, P.E.I. | 9 |
| | Anse Bleue 1, N.B. | 12 |
| | Anse Bleue 2, N.B. | 21 |
| | Anse Bleue 3, N.B. | 26 |
| | Arisaig, N.S. | 35 |
| | Aulds Cove, N.S. | 40 |
| | Bayfield, N.S. | 45 |
| | Cape Tormentine, N.B. | 50 |
| | Caribou, N.S. | 56 |
| | Cascumpeque, P.E.I. | 62 |
| | Cheticamp, N.S. | 68 |
| | Covehead 1, P.E.I. | 72 |
| | Covehead 2, P.E.I. | 75 |
| | East Point Reef, P.E.I. | 81 |
| | Egmont Bay, P.E.I. | 87 |
| | Escuminac, N.B. | 90 |
| | Fortune 1, P.E.I. | 96 |
| | Fortune 2, P.E.I. | 99 |
| | Indian Rocks, P.E.I. | 102 |
| | Jack Shoal, N.S. | 108 |
| | Judique Shoals, N.S. | 114 |
| | Mabou Harbour, N.S. | 119 |
| | Malpeque, P.E.I. | 125 |
| | Margaree, N.S. | 131 |
| | Miminegash, P.E.I. | 136 |
| | Miscou, N.B. | 142 |
| | Murray Harbour, P.E.I. | 148 |
| | Nine Mile Creek, P.E.I. | 151 |
| | North Cape, P.E.I. | 154 |
| | North Tracadie, N.B. | 160 |

| | Page |
|-----------------------------|-------------|
| North Tracadie, P.E.I. | 166 |
| Pleasant Bay, N.S. | 172 |
| Pointe Sapin, N.B. | 178 |
| Port Hood, N.S. | 184 |
| Prim Reef, P.E.I. | 189 |
| Pugwash, N.S. | 195 |
| Richibucto, N.B. | 199 |
| River John, N.S. | 205 |
| Rustico, P.E.I. | 209 |
| Shediac, N.B. | 215 |
| Shippagan, N.B. | 221 |
| Skidders Pond, P.E.I. | 227 |
| Souris, P.E.I. | 230 |
| St Peters, P.E.I. | 236 |
| Strait Crossing 1 | 242 |
| Strait Crossing 2 | 248 |
| Tabusintac, N.B. | 254 |
| Victoria, P.E.I. | 260 |
| Wallace 1, N.S. | 266 |
| Wallace 2, N.S. | 271 |
| West Point, P.E.I. | 274 |

Appendix B. Summary tables by month and yearly plots of the daily mean water temperature data by location in 2019.

| | |
|----------------------------|-----|
| Alberton, P.E.I. | 280 |
| Anse Bleue 1, N.B. | 283 |
| Anse Bleue 2, N.B. | 292 |
| Anse Bleue 3, N.B. | 301 |
| Ballantynes, N.S. | 310 |
| Bayfield, N.S. | 314 |
| Cape George, N.S. | 320 |
| Cape Tormentine, N.B. | 325 |
| Caribou, N.S. | 330 |
| Cascumpeque, P.E.I. | 336 |

| | Page |
|------------------------------|-------------|
| Cheticamp, N.S. | 342 |
| Covehead 1, P.E.I. | 348 |
| Covehead 2, P.E.I. | 351 |
| East Point Reef, P.E.I. | 357 |
| Egmont Bay, P.E.I. | 359 |
| Escuminac, N.B. | 362 |
| Fortune 1, P.E.I. | 368 |
| Fortune 2, P.E.I. | 371 |
| Indian Rocks, P.E.I. | 374 |
| Jack Shoal, N.S. | 380 |
| Judique Shoals, N.S. | 386 |
| Le Goulet, N.B. | 391 |
| Mabou Harbour, N.S. | 396 |
| Malpeque, P.E.I. | 401 |
| Margaree, N.S. | 407 |
| Miscou, N.B. | 412 |
| Murray Harbour, P.E.I. | 418 |
| Nine Mile Creek, P.E.I. | 421 |
| North Cape, P.E.I. | 424 |
| North Tracadie, P.E.I. | 430 |
| Pictou Island, N.S. | 436 |
| Pleasant Bay, N.S. | 441 |
| Pointe Sapin, N.B. | 447 |
| Port Hood, N.S. | 453 |
| Prim Reef, P.E.I. | 458 |
| Pugwash, N.S. | 464 |
| Richibucto, N.B. | 468 |
| River John, N.S. | 474 |
| Rustico, P.E.I. | 479 |
| Shediac, N.B. | 485 |
| Shippagan, N.B. | 491 |
| Skidders Pond, P.E.I. | 497 |
| Souris, P.E.I. | 500 |
| Strait Crossing 1 | 506 |
| Strait Crossing 2 | 512 |

| | |
|-------------------------|-----|
| Tabusintac, N.B. | 518 |
| Victoria, P.E.I. | 524 |
| Wallace 1, N.S. | 530 |
| West Point, P.E.I. | 535 |

ABSTRACT

Ouellet, M. and Gagnon, D. 2021. Coastal temperature monitoring program from 2018 to 2019: Southern Gulf of St. Lawrence. Can. Data Rep. Fish. Aquat. Sci. 1341: viii + 540 p.

Bottom and surface water temperatures were monitored in coastal waters of the Southern Gulf of St. Lawrence using electronic recording devices attached to navigational buoys or moorings and set to record every two hours mostly from April to December. The data collected are presented as the mean daily temperature and monthly-accumulated degree-days for each sampled station.

Key words: water temperature, environmental parameter, marine environment, oceanography.

RÉSUMÉ

Ouellet, M. and Gagnon, D. 2021. Coastal temperature monitoring program from 2018 to 2019: Southern Gulf of St. Lawrence. Can. Data Rep. Fish. Aquat. Sci. 1341: viii + 540 p.

Les températures de l'eau de fond et de surface dans les eaux côtières du sud du golfe du Saint-Laurent ont fait l'objet d'un relevé avec des enregistreurs électroniques de températures attachés aux bouées d'aide à la navigation ou à des stations d'amarrage fixes. Les températures étaient enregistrées toutes les deux heures principalement d'avril à décembre. Les données recueillies sont présentées dans une série de tableaux et figures sous la forme de températures moyennes journalières, de degrés jours mensuels pour chaque station.

Mots clés : température de l'eau, paramètre environnemental, environnement marin, océanographie.

1.0 INTRODUCTION

In 1995, a coastal temperature monitoring program was initiated by the Lobster Section (now the Crustaceans Section) of the Department of Fisheries and Oceans (DFO) in Moncton, New Brunswick (N.B.). The objective of the program is to gather coastal environmental data to better understand fluctuations in water temperature and their effect on coastal marine species. Data will benefit oceanographers and other research scientists interested in water temperature regimes.

Water temperature data were collected from coastal waters in N.B., Prince Edward Island (P.E.I.) and the Gulf shore of Nova Scotia (N.S.). Data collected before 2018 are available in Lanteigne et al. (1996), Savoie et al. (2002), Savoie and Lanteigne (2002), Savoie and Comeau (2004), Paulin et al. (2005), Paulin and Gagnon (2008), Paulin et al. (2011), Paulin et al. (2014), Giard et al. (2017) and Ouellet et al. (2019). Data collected between 2018 and 2019 from the coastal temperature monitoring stations across the Southern Gulf of St. Lawrence (sGSL) are presented in this report.

2.0 MATERIALS AND METHODS

Programmable temperature recorders, Vemco Minilog-II-T data loggers™ were used to record the water temperature at all sites throughout the coastal temperature monitoring program. Each temperature recorder was initialized to record a water temperature reading every two hours. The range of the data logger is -30 to +35°C with an accuracy of $\pm 0.1^\circ\text{C}$ and a resolution of 0.01°C .

In 2018 and 2019, the majority of the temperature recorders were deployed by the Canadian Coast Guard (CCG) on navigational buoys in the sGSL (2018: 37 deployed, 34 recovered; 2019: 37 deployed, 34 recovered). Additional temperature recorders were deployed by DFO scientific staff and harvesters (2018: 23 deployed, 21 recovered; 2019: 24 deployed, 19 recovered).

The temperature recorders deployed by CCG were mounted in a steel protective housing unit, as described in Savoie et al. (2002), and attached to the mooring system of the navigational buoy at approximately one meter (m) from the sea floor. Four of the navigational buoys, at Shippagan N.B., Escuminac N.B., Malpeque P.E.I. and Pleasant Bay N.S., were fitted with an additional temperature recorder at approximately two meters from the surface. The temperature recorders deployed by harvesters were set approximately one m from the seafloor on independent mooring systems consisting of an anchor, anchor line and buoy (Dobson and Petrie 1985). Nine additional temperature recorders were attached to bio-collectors as part of the American Lobster Settlement Index monitoring program (Wahle et al. 2009) and set approximately 0.25 m from the seafloor bottom. These bio-collectors remained undisturbed and at the same location for the entire soak time period (≈ 15 weeks). These sites were in P.E.I. (Alberton, Covehead, Egmont Bay, Fortune, Murray Harbour, Nine Mile Creek and Skinners Pond) and Nova Scotia (Wallace). Finally, the station in Anse Bleue, N.B. consists of three loggers deployed by DFO personnel on a shipwreck, the Louise P. at depths of 12 m, 18 m and 24 m (Anse Bleue 1, Anse Bleue 2 and Anse Bleue 3, respectively).

The deployment of the temperature recorders by the CCG and harvesters occurred in early spring (i.e. April - May), depending on the ice conditions in the sGSL, with retrieval in the late fall of the same year (i.e. November - December). The temperature recorders on the bio-collectors were deployed late June to early July and retrieved end of September to early October. Once recovered, the temperature recorders were brought to DFO where the data was downloaded, formatted and added to the database. The water depths of the CCG monitoring stations were provided by the CCG while the geographic positions (latitude and longitude) were taken from the Atlantic Coast List of Lights, Buoys and Fog Signals (CCG 2013). DFO personnel or harvesters recorded the latitude and longitude with the depth of water when deploying their respective temperature recorders.

In 2018 and 2019, 8% (5/60) and 13% (8/61), respectively, of the temperature recorders were not recovered. These losses were attributed to equipment failures such as a shackle, chain or cotter pin breaking off from the mooring system of the navigational buoy. In addition, some of the moorings set by harvesters or DFO

personnel went missing due to environmentally related events or gear failures such as the rope or buoy breaking off.

A portable reader was used to download and save the data in a Microsoft Excel spreadsheet. All of the temperature data were verified for irregularities. Additional information such as serial number, location, coordinates, depth and date were also included in the files. The data from complete soak days were considered for analysis, as, generally, the day that the data logger is set or retrieved contains temperature values for only part of the day. The complete soak day files were imported into a Microsoft ACCESS database where sub-routines have been created to analyze and tabulate the final results.

3.0 DATA PRESENTATION

The monitoring station locations are presented in Figures 1 and 2, for 2018 and 2019, respectively. The positions and water depth for each temperature monitoring station are presented in Tables 1 and 2 for 2018 and 2019, respectively. The complete data sets are presented in Appendices A and B for 2018 and 2019, respectively. Tabulated results in the appendices for each site include daily mean temperatures, standard deviations, daily minimum and maximum temperatures and accumulated degree-days (ADD) relative to 0°C (i.e., the physical reference point of when freshwater freezes) and 4°C (i.e., the general physiological reference point below which coastal marine organisms in the sGSL are typically latent). The ADD is calculated daily and accumulated on a monthly basis. One yearly graph is presented for each location showing the daily mean temperatures and the water depth (surface or bottom) of the temperature recorder (Appendix A, B). Analysis presented in tables and graphs are presented for bottom water temperatures and the surface water temperatures (where available).

The accumulated degree-days (ADD) were calculated using the following equation:

$$ADD = \sum (T - T_{ref}) \times Time$$

Where T = mean daily temperature
 T_{ref} = reference temperature (0°C and 4°C)
 $Time$ = time period in days

When $T < T_{ref}$, $T - T_{ref} = 0$.

4.0 ACKNOWLEDGEMENTS

The authors would like to thank Sterling Wright and his staff at the Canadian Coast Guard Base in Charlottetown for their support and ongoing help in the deployment and retrieval of the temperature recorders. Also, many thanks to all the harvesters who have volunteered their time and material to prepare and deploy some of the moorings.

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Table 1. Buoy codes, geographic locations (dd mm ss) and water depth (meters; m) of temperature monitoring stations in coastal waters of New Brunswick, Nova Scotia and Prince Edward Island in 2018. The Station ID refers to the station label in Figure 1.

| Stations | Station ID | Buoy Codes | Latitude | Longitude | Depth (m) |
|-------------------------|------------|------------|----------|-----------|-----------|
| Alberton, P.E.I | 1 | DFO* | 46 44 13 | 63 58 07 | 9 |
| Anse Bleue 1, N.B. | 2 | DFO* | 47 51 02 | 65 04 17 | 12 |
| Anse Bleue 2, N.B. | 2 | DFO* | 47 51 02 | 65 04 17 | 18 |
| Anse Bleue 3, N.B. | 2 | DFO* | 47 51 02 | 65 04 17 | 24 |
| Arisaig, N.S. | 3 | DFO* | 45 45 29 | 62 11 57 | 11 |
| Aulds Cove, N.S. | 4 | DFO* | 45 42 07 | 61 27 58 | 19 |
| Bayfield, N.S. | 6 | DFO* | 45 40 23 | 61 47 26 | 19 |
| Cape Tormentine, N.B. | 8 | X5 | 46 06 34 | 63 41 04 | 14 |
| Caribou, N.S. | 9 | SP2 | 45 46 29 | 62 40 25 | 9 |
| Cascumpeque, P.E.I. | 10 | JV | 46 47 44 | 63 59 38 | 11 |
| Cheticamp, N.S. | 11 | DFO* | 46 36 28 | 61 03 34 | 17 |
| Covehead 1, P.E.I. | 15 | DFO* | 46 26 31 | 63 09 26 | 7 |
| Covehead 2, P.E.I. | 16 | JJ | 46 26 54 | 63 08 19 | 12 |
| East Point Reef, P.E.I. | 17 | NDN | 46 28 04 | 61 56 14 | 21 |
| Egmont Bay, P.E.I | 18 | DFO* | 46 27 22 | 64 07 54 | 8 |
| Escuminac, N.B. | 19 | X31** | 47 07 09 | 64 47 06 | 10 |
| Fortune 1, P.E.I. | 20 | DFO* | 46 18 00 | 62 20 14 | 9 |
| Fortune 2, P.E.I. | 21 | DFO* | 46 18 02 | 62 18 25 | 21 |
| Indian Rocks, P.E.I | 22 | N8 | 45 54 54 | 62 49 12 | 19 |
| Jack Shoal, N.S. | 23 | VU4 | 45 43 21 | 61 32 59 | 16 |
| Judique Shoals, N.S. | 24 | VN2 | 45 50 16 | 61 33 10 | 13 |
| Mabou Harbour, N.S. | 26 | VJ | 46 05 29 | 61 29 28 | 12 |
| Malpeque, P.E.I. | 27 | JP** | 46 35 00 | 63 37 08 | 16 |
| Margaree, N.S. | 28 | DFO* | 46 27 35 | 61 07 37 | 17 |
| Miminegash, P.E.I. | 29 | DP | 46 54 03 | 64 14 20 | 9 |
| Miscou, N.B. | 30 | EB | 48 01 50 | 64 32 46 | 14 |
| Murray Harbour, P.E.I. | 31 | DFO* | 46 03 16 | 62 27 19 | 8 |
| Nine Mile Creek, P.E.I. | 32 | DFO* | 46 06 11 | 63 13 36 | 8 |
| North Cape, P.E.I. | 33 | DS | 47 05 00 | 64 00 03 | 17 |
| North Tracadie, N.B. | 34 | TE2 | 47 30 12 | 64 50 54 | 7 |
| North Tracadie, P.E.I. | 35 | JH1 | 46 25 10 | 63 00 58 | 11 |
| Pleasant Bay, N.S. | 38 | VC** | 46 50 30 | 60 48 18 | 26 |
| Pointe Sapin, N.B. | 39 | X25 | 46 58 24 | 64 44 38 | 9 |
| Port Hood, N.S. | 40 | DFO* | 45 57 58 | 61 33 33 | 19 |
| Prim Reef, P.E.I. | 41 | C2 | 46 02 40 | 63 06 48 | 13 |
| Pugwash, N.S. | 42 | DFO* | 45 55 09 | 63 35 42 | 12 |
| Richibucto, N.B. | 43 | Q | 46 43 30 | 64 44 28 | 10 |
| River John, N.S. | 44 | DFO* | 45 52 07 | 63 05 29 | 19 |
| Rustico, P.E.I. | 45 | JK | 46 27 54 | 63 16 30 | 10 |

| Stations | Station ID | Buoy Codes | Latitude | Longitude | Depth (m) |
|------------------------|------------|------------|----------|-----------|-----------|
| Shediac, N.B. | 46 | XN | 46 16 38 | 64 29 05 | 5 |
| Shippagan, N.B. | 47 | EE** | 47 53 14 | 64 45 48 | 17 |
| Skinnners Pond, P.E.I. | 48 | DFO* | 46 56 30 | 64 11 15 | 7 |
| Souris, P.E.I. | 49 | NA | 46 19 46 | 62 15 24 | 20 |
| St Peters, P.E.I. | 50 | JD | 46 27 09 | 62 44 22 | 5 |
| Strait Crossing 1 | 51 | XF | 46 17 00 | 63 52 16 | 14 |
| Strait Crossing 2 | 52 | XB | 46 09 24 | 63 39 52 | 19 |
| Tabusintac, N.B. | 53 | TA2 | 47 17 22 | 64 55 13 | 5 |
| Victoria, P.E.I. | 54 | NX | 46 10 35 | 63 28 01 | 6 |
| Wallace 1, N.S. | 55 | DFO* | 45 51 36 | 63 14 86 | 14 |
| Wallace 2, N.S. | 56 | DFO* | 45 52 54 | 63 25 99 | 9 |
| West Point, P.E.I. | 57 | D8 | 46 40 06 | 64 30 01 | 23 |

* Temperature recorder deployed and retrieved by DFO scientific personnel or harvesters.

** Buoy equipped with two temperature recorders (bottom and surface).

Table 2. Buoy codes, geographic locations (dd mm ss) and water depth (meters; m) of temperature monitoring stations in coastal waters of New Brunswick, Nova Scotia and Prince Edward Island in 2019. The Station ID refers to the station label in Figure 2.

| Stations | Station ID | Buoy Codes | Latitude | Longitude | Depth (m) |
|------------------------|------------|------------|----------|-----------|-----------|
| Alberton, P.E.I | 1 | DFO* | 46 44 13 | 63 58 07 | 9 |
| Anse Bleue 1, N.B. | 2 | DFO* | 47 51 02 | 65 04 17 | 12 |
| Anse Bleue 2, N.B. | 2 | DFO* | 47 51 02 | 65 04 17 | 18 |
| Anse Bleue 3, N.B. | 2 | DFO* | 47 51 02 | 65 04 17 | 24 |
| Ballantynes, N.S. | 5 | DFO* | 45 53 46 | 61 55 39 | 19 |
| Bayfield, N.S. | 6 | DFO* | 45 40 23 | 61 47 26 | 19 |
| Cape George, N.S. | 7 | VU2 | 45 52 34 | 61 53 14 | 16 |
| Cape Tormentine, N.B. | 8 | X5 | 46 06 34 | 63 41 04 | 14 |
| Caribou, N.S. | 9 | SP2 | 45 46 29 | 62 40 25 | 9 |
| Cascumpeque, P.E.I. | 10 | JV | 46 47 44 | 63 59 38 | 11 |
| Cheticamp, N.S. | 11 | DFO* | 46 36 45 | 61 03 56 | 17 |
| Covehead 1, P.E.I. | 15 | DFO* | 46 26 31 | 63 09 26 | 7 |
| Covehead 2, P.E.I. | 16 | JJ | 46 26 54 | 63 08 19 | 12 |
| East Point Reef, P.E.I | 17 | NDN | 46 28 04 | 61 56 14 | 21 |
| Egmont Bay, P.E.I. | 18 | DFO* | 46 27 22 | 64 07 54 | 8 |
| Escuminac, N.B. | 19 | X31** | 47 07 09 | 64 47 06 | 10 |
| Fortune 1, P.E.I. | 20 | DFO* | 46 18 00 | 62 20 14 | 9 |
| Fortune 2, P.E.I. | 21 | DFO* | 46 18 02 | 62 18 25 | 21 |
| Indian Rocks, P.E.I. | 22 | N8 | 45 54 54 | 62 49 12 | 19 |
| Jack Shoal, N.S. | 23 | VU4 | 45 43 21 | 61 32 59 | 16 |
| Judique Shoals, N.S. | 24 | VN2 | 45 50 16 | 61 33 10 | 13 |
| Le Goulet, N.B. | 25 | TJ2 | 47 42 04 | 64 39 05 | 8 |
| Mabou Harbour, N.S. | 26 | VJ | 46 05 29 | 61 29 28 | 12 |

| Stations | Station ID | Buoy Codes | Latitude | Longitude | Depth (m) |
|-------------------------|-------------------|-------------------|-----------------|------------------|------------------|
| Malpeque, P.E.I. | 27 | JP** | 46 35 00 | 63 37 08 | 16 |
| Margaree, N.S. | 28 | DFO* | 46 27 29 | 61 06 50 | 17 |
| Miscou, N.B. | 30 | EB | 48 01 50 | 64 32 46 | 14 |
| Murray Harbour, P.E.I. | 31 | DFO* | 46 03 16 | 62 27 19 | 8 |
| Nine Mile Creek, P.E.I. | 32 | DFO* | 46 06 11 | 63 13 36 | 8 |
| North Cape, P.E.I. | 33 | DS | 47 05 00 | 64 00 03 | 17 |
| North Tracadie, P.E.I. | 35 | JH1 | 46 25 10 | 63 00 58 | 11 |
| Pictou Island, N.S. | 36 | DFO* | 45 49 27 | 62 36 46 | 19 |
| Pleasant Bay, N.S. | 38 | VC** | 46 50 30 | 60 48 18 | 26 |
| Pointe Sapin, N.B. | 39 | X25 | 46 58 24 | 64 44 38 | 9 |
| Port Hood, N.S. | 40 | DFO* | 45 57 90 | 61 32 46 | 19 |
| Prim Reef, P.E.I. | 41 | C2 | 46 02 40 | 63 06 48 | 13 |
| Pugwash, N.S. | 42 | DFO* | 45 55 03 | 63 35 43 | 12 |
| Richibucto, N.B. | 43 | Q | 46 43 30 | 64 44 28 | 10 |
| River John, N.S. | 44 | DFO* | 45 52 07 | 63 05 29 | 19 |
| Rustico, P.E.I. | 45 | JK | 46 27 54 | 63 16 30 | 10 |
| Shediac, N.B. | 46 | XN | 46 16 38 | 64 29 05 | 5 |
| Shippagan, N.B. | 47 | EE** | 47 53 14 | 64 45 48 | 17 |
| Skidders Pond, P.E.I. | 48 | DFO* | 46 56 30 | 64 11 15 | 7 |
| Souris, P.E.I. | 49 | NA | 46 19 46 | 62 15 24 | 20 |
| Strait Crossing 1 | 51 | XF | 46 17 00 | 63 52 16 | 14 |
| Strait Crossing 2 | 52 | XB | 46 09 24 | 63 39 52 | 19 |
| Tabusintac, N.B. | 53 | TA2 | 47 17 22 | 64 55 13 | 5 |
| Victoria, P.E.I. | 54 | NX | 46 10 35 | 63 28 01 | 6 |
| Wallace 1, N.S. | 55 | DFO* | 45 50 02 | 63 17 26 | 14 |
| West Point, P.E.I. | 57 | D8 | 46 40 06 | 64 30 01 | 23 |

* Temperature recorder deployed and retrieved by DFO scientific personnel or harvesters.

** Buoy equipped with two temperature recorders (bottom and surface).

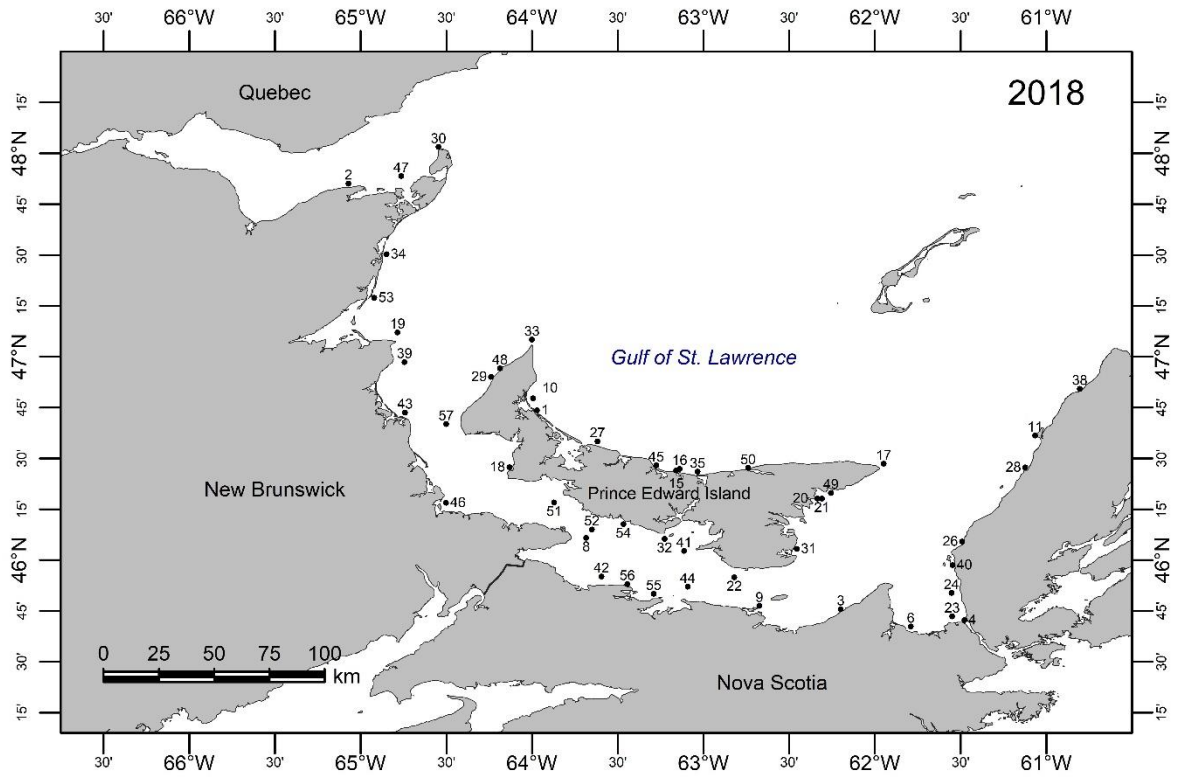


Figure 1: Location of the water temperature monitoring stations in the Southern Gulf of St. Lawrence in 2018. The station labels refer to the Station ID in Table 1.

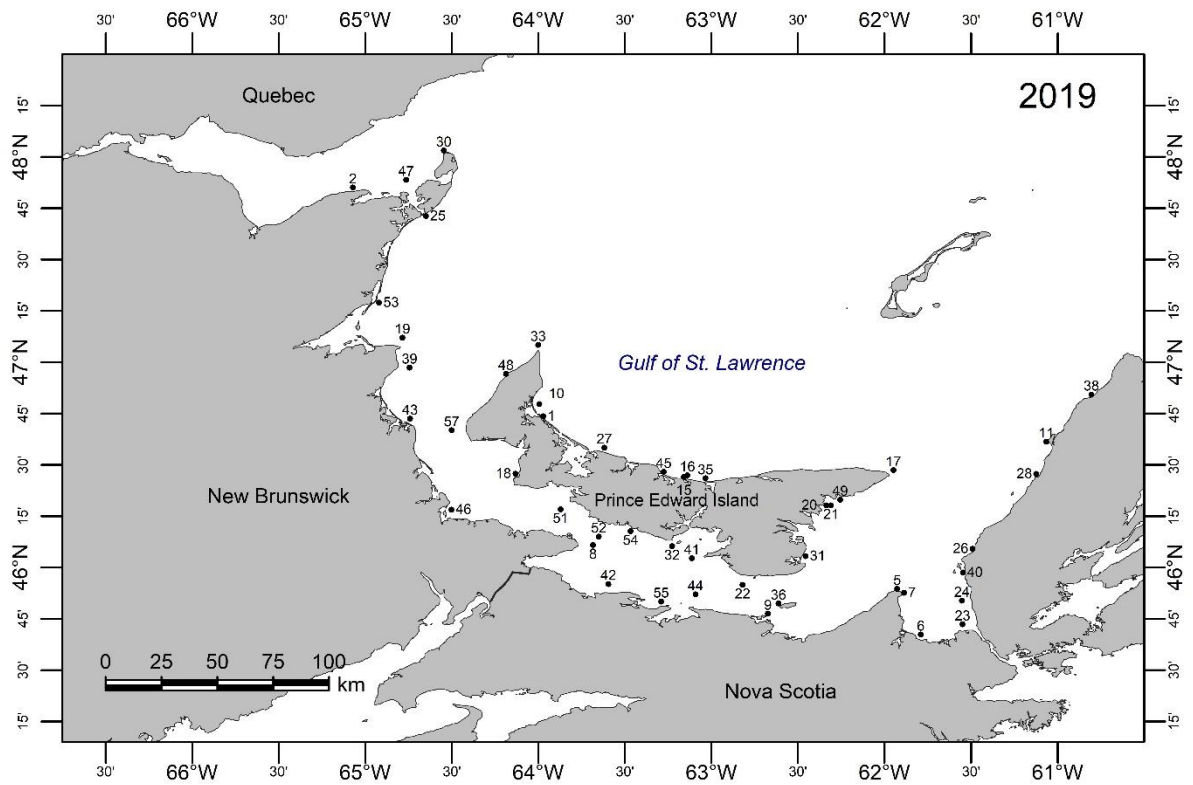


Figure 2: Location of the water temperature monitoring stations in the Southern Gulf of St. Lawrence in 2019. The station labels refer to the Station ID in Table 2.

Appendix A

Alberton, P.E.I.

2018

July

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/6/2018 | 11.7 | 0.75 | 11.0 | 13.0 | 11.7 | 7.7 | NA | NA | NA | NA | NA | NA |
| 7/7/2018 | 13.4 | 1.16 | 11.2 | 14.7 | 25.0 | 17.0 | NA | NA | NA | NA | NA | NA |
| 7/8/2018 | 14.3 | 0.14 | 13.9 | 14.4 | 39.3 | 27.3 | NA | NA | NA | NA | NA | NA |
| 7/9/2018 | 13.2 | 0.31 | 12.8 | 13.8 | 52.5 | 36.5 | NA | NA | NA | NA | NA | NA |
| 7/10/2018 | 12.9 | 0.48 | 12.5 | 13.9 | 65.4 | 45.4 | NA | NA | NA | NA | NA | NA |
| 7/11/2018 | 14.1 | 0.69 | 12.6 | 14.8 | 79.5 | 55.5 | NA | NA | NA | NA | NA | NA |
| 7/12/2018 | 15.3 | 0.68 | 14.4 | 16.4 | 94.8 | 66.8 | NA | NA | NA | NA | NA | NA |
| 7/13/2018 | 16.0 | 0.31 | 15.5 | 16.3 | 110.8 | 78.8 | NA | NA | NA | NA | NA | NA |
| 7/14/2018 | 15.0 | 0.25 | 14.7 | 15.4 | 125.7 | 89.7 | NA | NA | NA | NA | NA | NA |
| 7/15/2018 | 13.7 | 0.30 | 13.3 | 14.2 | 139.4 | 99.4 | NA | NA | NA | NA | NA | NA |
| 7/16/2018 | 13.7 | 0.20 | 13.4 | 14.0 | 153.1 | 109.1 | NA | NA | NA | NA | NA | NA |
| 7/17/2018 | 13.6 | 0.27 | 13.0 | 13.8 | 166.7 | 118.7 | NA | NA | NA | NA | NA | NA |
| 7/18/2018 | 12.3 | 0.40 | 11.6 | 12.9 | 178.9 | 126.9 | NA | NA | NA | NA | NA | NA |
| 7/19/2018 | 13.3 | 1.10 | 11.6 | 14.8 | 192.3 | 136.3 | NA | NA | NA | NA | NA | NA |
| 7/20/2018 | 15.1 | 0.50 | 14.3 | 15.8 | 207.3 | 147.3 | NA | NA | NA | NA | NA | NA |
| 7/21/2018 | 13.5 | 0.32 | 13.0 | 14.0 | 220.9 | 156.9 | NA | NA | NA | NA | NA | NA |
| 7/22/2018 | 14.4 | 0.41 | 13.6 | 15.0 | 235.3 | 167.3 | NA | NA | NA | NA | NA | NA |
| 7/23/2018 | 12.7 | 0.79 | 11.5 | 13.7 | 248.0 | 176.0 | NA | NA | NA | NA | NA | NA |
| 7/24/2018 | 11.0 | 0.81 | 10.1 | 12.7 | 259.0 | 183.0 | NA | NA | NA | NA | NA | NA |
| 7/25/2018 | 10.0 | 0.22 | 9.6 | 10.4 | 268.9 | 188.9 | NA | NA | NA | NA | NA | NA |
| 7/26/2018 | 9.6 | 0.30 | 9.2 | 10.1 | 278.5 | 194.5 | NA | NA | NA | NA | NA | NA |
| 7/27/2018 | 10.2 | 0.56 | 9.4 | 10.8 | 288.7 | 200.7 | NA | NA | NA | NA | NA | NA |
| 7/28/2018 | 13.1 | 1.89 | 10.6 | 15.6 | 301.8 | 209.8 | NA | NA | NA | NA | NA | NA |
| 7/29/2018 | 14.8 | 0.66 | 14.1 | 16.2 | 316.6 | 220.6 | NA | NA | NA | NA | NA | NA |
| 7/30/2018 | 16.6 | 0.35 | 16.0 | 17.2 | 333.2 | 233.2 | NA | NA | NA | NA | NA | NA |
| 7/31/2018 | 17.1 | 0.61 | 16.4 | 18.2 | 350.3 | 246.3 | NA | NA | NA | NA | NA | NA |

August

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/1/2018 | 16.9 | 0.59 | 15.9 | 17.7 | 16.9 | 12.9 | NA | NA | NA | NA | NA | NA |
| 8/2/2018 | 14.3 | 1.92 | 11.5 | 17.2 | 31.2 | 23.2 | NA | NA | NA | NA | NA | NA |
| 8/3/2018 | 13.1 | 2.10 | 11.2 | 17.0 | 44.3 | 32.3 | NA | NA | NA | NA | NA | NA |
| 8/4/2018 | 17.8 | 0.33 | 17.3 | 18.4 | 62.1 | 46.1 | NA | NA | NA | NA | NA | NA |
| 8/5/2018 | 18.4 | 1.42 | 15.7 | 20.3 | 80.5 | 60.5 | NA | NA | NA | NA | NA | NA |
| 8/6/2018 | 20.0 | 0.47 | 19.0 | 20.5 | 100.5 | 76.5 | NA | NA | NA | NA | NA | NA |
| 8/7/2018 | 12.7 | 1.54 | 10.9 | 16.6 | 113.2 | 85.2 | NA | NA | NA | NA | NA | NA |
| 8/8/2018 | 13.8 | 2.40 | 9.4 | 17.5 | 127.0 | 95.0 | NA | NA | NA | NA | NA | NA |
| 8/9/2018 | 17.0 | 2.82 | 12.1 | 19.6 | 144.1 | 108.1 | NA | NA | NA | NA | NA | NA |
| 8/10/2018 | 10.0 | 1.27 | 8.6 | 12.9 | 154.0 | 114.0 | NA | NA | NA | NA | NA | NA |
| 8/11/2018 | 17.3 | 1.07 | 14.4 | 18.7 | 171.3 | 127.3 | NA | NA | NA | NA | NA | NA |
| 8/12/2018 | 18.5 | 1.00 | 17.0 | 19.6 | 189.8 | 141.8 | NA | NA | NA | NA | NA | NA |
| 8/13/2018 | 17.7 | 0.69 | 16.8 | 18.8 | 207.4 | 155.4 | NA | NA | NA | NA | NA | NA |
| 8/14/2018 | 15.9 | 0.58 | 14.6 | 17.0 | 223.3 | 167.3 | NA | NA | NA | NA | NA | NA |
| 8/15/2018 | 14.8 | 0.70 | 14.1 | 16.0 | 238.1 | 178.1 | NA | NA | NA | NA | NA | NA |
| 8/16/2018 | 16.4 | 1.93 | 14.5 | 19.7 | 254.5 | 190.5 | NA | NA | NA | NA | NA | NA |

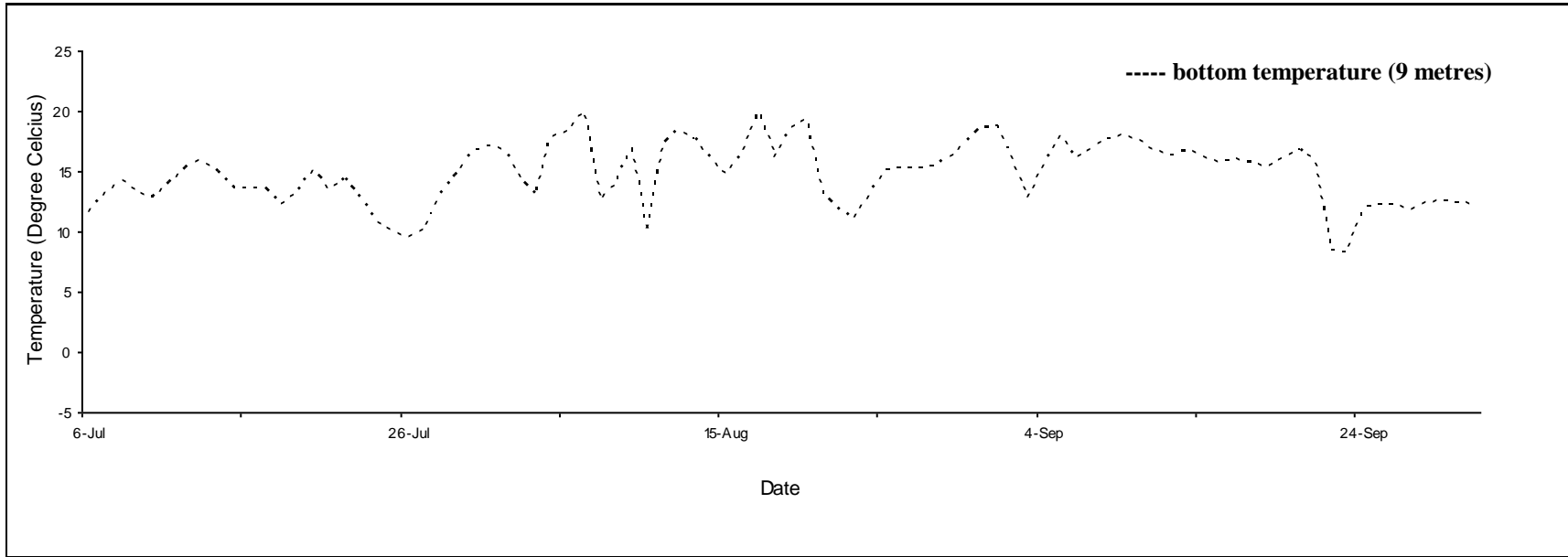
| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/17/2018 | 20.1 | 0.18 | 19.8 | 20.3 | 274.6 | 206.6 | NA | NA | NA | NA | NA | NA |
| 8/18/2018 | 16.2 | 2.52 | 13.2 | 19.7 | 290.7 | 218.7 | NA | NA | NA | NA | NA | NA |
| 8/19/2018 | 18.5 | 1.62 | 14.6 | 19.8 | 309.2 | 233.2 | NA | NA | NA | NA | NA | NA |
| 8/20/2018 | 19.4 | 0.32 | 18.6 | 19.7 | 328.6 | 248.6 | NA | NA | NA | NA | NA | NA |
| 8/21/2018 | 13.1 | 0.82 | 12.1 | 15.1 | 341.7 | 257.7 | NA | NA | NA | NA | NA | NA |
| 8/22/2018 | 11.8 | 0.39 | 11.3 | 12.7 | 353.6 | 265.6 | NA | NA | NA | NA | NA | NA |
| 8/23/2018 | 11.1 | 0.22 | 10.8 | 11.4 | 364.6 | 272.6 | NA | NA | NA | NA | NA | NA |
| 8/24/2018 | 13.0 | 1.02 | 11.6 | 14.9 | 377.6 | 281.6 | NA | NA | NA | NA | NA | NA |
| 8/25/2018 | 15.2 | 0.08 | 15.1 | 15.3 | 392.8 | 292.8 | NA | NA | NA | NA | NA | NA |
| 8/26/2018 | 15.3 | 0.06 | 15.1 | 15.3 | 408.1 | 304.1 | NA | NA | NA | NA | NA | NA |
| 8/27/2018 | 15.3 | 0.02 | 15.3 | 15.3 | 423.3 | 315.3 | NA | NA | NA | NA | NA | NA |
| 8/28/2018 | 15.5 | 0.11 | 15.3 | 15.6 | 438.9 | 326.9 | NA | NA | NA | NA | NA | NA |
| 8/29/2018 | 16.2 | 0.79 | 15.4 | 17.1 | 455.0 | 339.0 | NA | NA | NA | NA | NA | NA |
| 8/30/2018 | 17.3 | 0.95 | 16.0 | 18.6 | 472.4 | 352.4 | NA | NA | NA | NA | NA | NA |
| 8/31/2018 | 18.7 | 0.17 | 18.5 | 19.0 | 491.0 | 367.0 | NA | NA | NA | NA | NA | NA |

September

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/1/2018 | 18.7 | 0.21 | 18.2 | 19.0 | 18.7 | 14.7 | NA | NA | NA | NA | NA | NA |
| 9/2/2018 | 15.5 | 2.51 | 10.8 | 18.3 | 34.3 | 26.3 | NA | NA | NA | NA | NA | NA |
| 9/3/2018 | 12.8 | 1.84 | 10.4 | 14.9 | 47.1 | 35.1 | NA | NA | NA | NA | NA | NA |
| 9/4/2018 | 15.7 | 1.15 | 14.4 | 17.2 | 62.8 | 46.8 | NA | NA | NA | NA | NA | NA |
| 9/5/2018 | 18.0 | 0.44 | 17.2 | 18.6 | 80.8 | 60.8 | NA | NA | NA | NA | NA | NA |
| 9/6/2018 | 16.1 | 1.38 | 14.4 | 18.1 | 96.9 | 72.9 | NA | NA | NA | NA | NA | NA |
| 9/7/2018 | 16.9 | 0.65 | 15.4 | 17.7 | 113.8 | 85.8 | NA | NA | NA | NA | NA | NA |
| 9/8/2018 | 17.8 | 0.51 | 17.0 | 18.3 | 131.6 | 99.6 | NA | NA | NA | NA | NA | NA |
| 9/9/2018 | 18.1 | 0.14 | 17.8 | 18.3 | 149.6 | 113.6 | NA | NA | NA | NA | NA | NA |
| 9/10/2018 | 17.6 | 0.33 | 17.2 | 18.1 | 167.3 | 127.3 | NA | NA | NA | NA | NA | NA |
| 9/11/2018 | 16.7 | 0.09 | 16.5 | 16.8 | 184.0 | 140.0 | NA | NA | NA | NA | NA | NA |
| 9/12/2018 | 16.4 | 0.40 | 15.5 | 16.7 | 200.4 | 152.4 | NA | NA | NA | NA | NA | NA |
| 9/13/2018 | 16.7 | 0.08 | 16.6 | 16.9 | 217.1 | 165.1 | NA | NA | NA | NA | NA | NA |
| 9/14/2018 | 16.2 | 0.19 | 15.9 | 16.5 | 233.3 | 177.3 | NA | NA | NA | NA | NA | NA |
| 9/15/2018 | 15.8 | 0.21 | 15.5 | 16.2 | 249.2 | 189.2 | NA | NA | NA | NA | NA | NA |
| 9/16/2018 | 16.1 | 0.74 | 15.3 | 17.2 | 265.3 | 201.3 | NA | NA | NA | NA | NA | NA |
| 9/17/2018 | 15.8 | 0.85 | 14.8 | 16.9 | 281.1 | 213.1 | NA | NA | NA | NA | NA | NA |
| 9/18/2018 | 15.3 | 1.28 | 13.8 | 17.1 | 296.4 | 224.4 | NA | NA | NA | NA | NA | NA |
| 9/19/2018 | 16.1 | 0.59 | 15.4 | 16.9 | 312.5 | 236.5 | NA | NA | NA | NA | NA | NA |
| 9/20/2018 | 16.8 | 0.09 | 16.6 | 16.9 | 329.3 | 249.3 | NA | NA | NA | NA | NA | NA |
| 9/21/2018 | 15.8 | 0.20 | 15.6 | 16.3 | 345.1 | 261.1 | NA | NA | NA | NA | NA | NA |
| 9/22/2018 | 8.5 | 2.61 | 6.4 | 15.4 | 353.6 | 265.6 | NA | NA | NA | NA | NA | NA |
| 9/23/2018 | 8.3 | 1.11 | 7.6 | 11.0 | 361.9 | 269.9 | NA | NA | NA | NA | NA | NA |
| 9/24/2018 | 12.0 | 0.25 | 11.6 | 12.5 | 374.0 | 278.0 | NA | NA | NA | NA | NA | NA |
| 9/25/2018 | 12.3 | 0.10 | 12.0 | 12.4 | 386.3 | 286.3 | NA | NA | NA | NA | NA | NA |
| 9/26/2018 | 12.3 | 0.11 | 12.2 | 12.5 | 398.6 | 294.6 | NA | NA | NA | NA | NA | NA |
| 9/27/2018 | 11.8 | 0.43 | 11.2 | 12.5 | 410.4 | 302.4 | NA | NA | NA | NA | NA | NA |
| 9/28/2018 | 12.4 | 0.06 | 12.4 | 12.6 | 422.8 | 310.8 | NA | NA | NA | NA | NA | NA |
| 9/29/2018 | 12.6 | 0.15 | 12.4 | 12.9 | 435.4 | 319.4 | NA | NA | NA | NA | NA | NA |
| 9/30/2018 | 12.5 | 0.05 | 12.4 | 12.6 | 447.9 | 327.9 | NA | NA | NA | NA | NA | NA |

October

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/1/2018 | 12.2 | 0.15 | 12.0 | 12.4 | 12.2 | 8.2 | NA | NA | NA | NA | NA | NA |



Daily mean temperature for Alberton, P.E.I., 2018.

Anse Bleue 1, N.B.

2018

January

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 1/1/2018 | -1.5 | 0.05 | -1.6 | -1.5 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/2/2018 | -1.5 | 0.03 | -1.5 | -1.5 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/3/2018 | -1.6 | 0.02 | -1.6 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/4/2018 | -1.6 | 0.06 | -1.7 | -1.5 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/5/2018 | -1.7 | 0.01 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/6/2018 | -1.7 | 0.02 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/7/2018 | -1.7 | 0.01 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/8/2018 | -1.7 | 0.01 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/9/2018 | -1.7 | 0.01 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/10/2018 | -1.7 | 0.01 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/11/2018 | -1.7 | 0.01 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/12/2018 | -1.7 | 0.03 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/13/2018 | -1.6 | 0.03 | -1.6 | -1.5 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/14/2018 | -1.6 | 0.05 | -1.7 | -1.5 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/15/2018 | -1.7 | 0.01 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/16/2018 | -1.7 | 0.03 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/17/2018 | -1.7 | 0.01 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/18/2018 | -1.7 | 0.01 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/19/2018 | -1.7 | 0.00 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/20/2018 | -1.7 | 0.01 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/21/2018 | -1.7 | 0.01 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/22/2018 | -1.7 | 0.01 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/23/2018 | -1.7 | 0.01 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/24/2018 | -1.7 | 0.01 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/25/2018 | -1.7 | 0.01 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/26/2018 | -1.7 | 0.01 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/27/2018 | -1.7 | 0.01 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/28/2018 | -1.7 | 0.00 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/29/2018 | -1.7 | 0.00 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/30/2018 | -1.7 | 0.03 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/31/2018 | -1.7 | 0.01 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |

February

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 2/1/2018 | -1.7 | 0.00 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/2/2018 | -1.7 | 0.00 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/3/2018 | -1.7 | 0.01 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/4/2018 | -1.7 | 0.01 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/5/2018 | -1.7 | 0.02 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/6/2018 | -1.7 | 0.01 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/7/2018 | -1.7 | 0.01 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/8/2018 | -1.7 | 0.01 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/9/2018 | -1.7 | 0.01 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/10/2018 | -1.7 | 0.01 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/11/2018 | -1.7 | 0.00 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/12/2018 | -1.7 | 0.01 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/13/2018 | -1.7 | 0.00 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 2/14/2018 | -1.7 | 0.02 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/15/2018 | -1.7 | 0.01 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/16/2018 | -1.7 | 0.02 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/17/2018 | -1.7 | 0.01 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/18/2018 | -1.7 | 0.01 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/19/2018 | -1.7 | 0.01 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/20/2018 | -1.7 | 0.02 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/21/2018 | -1.6 | 0.04 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/22/2018 | -1.7 | 0.02 | -1.8 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/23/2018 | -1.7 | 0.02 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/24/2018 | -1.7 | 0.01 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/25/2018 | -1.7 | 0.01 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/26/2018 | -1.7 | 0.03 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/27/2018 | -1.7 | 0.02 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/28/2018 | -1.7 | 0.01 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |

March

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 3/1/2018 | -1.7 | 0.02 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/2/2018 | -1.6 | 0.05 | -1.6 | -1.5 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/3/2018 | -1.4 | 0.11 | -1.5 | -1.2 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/4/2018 | -1.4 | 0.07 | -1.5 | -1.2 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/5/2018 | -1.4 | 0.07 | -1.5 | -1.2 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/6/2018 | -1.4 | 0.05 | -1.5 | -1.3 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/7/2018 | -1.5 | 0.05 | -1.5 | -1.4 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/8/2018 | -1.6 | 0.06 | -1.7 | -1.5 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/9/2018 | -1.6 | 0.06 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/10/2018 | -1.7 | 0.03 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/11/2018 | -1.7 | 0.01 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/12/2018 | -1.7 | 0.03 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/13/2018 | -1.6 | 0.03 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/14/2018 | -1.5 | 0.17 | -1.7 | -1.1 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/15/2018 | -1.5 | 0.06 | -1.6 | -1.4 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/16/2018 | -1.7 | 0.03 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/17/2018 | -1.7 | 0.01 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/18/2018 | -1.7 | 0.00 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/19/2018 | -1.7 | 0.00 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/20/2018 | -1.7 | 0.00 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/21/2018 | -1.7 | 0.02 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/22/2018 | -1.7 | 0.02 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/23/2018 | -1.6 | 0.04 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/24/2018 | -1.7 | 0.02 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/25/2018 | -1.7 | 0.02 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/26/2018 | -1.7 | 0.02 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/27/2018 | -1.6 | 0.02 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/28/2018 | -1.6 | 0.01 | -1.6 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/29/2018 | -1.6 | 0.02 | -1.6 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/30/2018 | -1.6 | 0.02 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/31/2018 | -1.6 | 0.03 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |

April

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 4/1/2018 | -1.7 | 0.03 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/2/2018 | -1.7 | 0.01 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/3/2018 | -1.6 | 0.05 | -1.7 | -1.5 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/4/2018 | -1.5 | 0.09 | -1.6 | -1.4 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/5/2018 | -1.4 | 0.27 | -1.6 | -0.9 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/6/2018 | -1.7 | 0.03 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/7/2018 | -1.6 | 0.05 | -1.6 | -1.5 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/8/2018 | -1.5 | 0.17 | -1.6 | -1.1 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/9/2018 | -1.4 | 0.08 | -1.5 | -1.3 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/10/2018 | -1.4 | 0.13 | -1.5 | -1.2 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/11/2018 | -1.3 | 0.08 | -1.4 | -1.2 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/12/2018 | -1.4 | 0.08 | -1.5 | -1.3 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/13/2018 | -1.4 | 0.12 | -1.5 | -1.1 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/14/2018 | -1.2 | 0.15 | -1.4 | -1.0 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/15/2018 | -1.1 | 0.04 | -1.2 | -1.0 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/16/2018 | -1.0 | 0.03 | -1.1 | -1.0 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/17/2018 | -1.1 | 0.13 | -1.3 | -0.9 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/18/2018 | -1.2 | 0.04 | -1.3 | -1.1 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/19/2018 | -1.1 | 0.04 | -1.2 | -1.1 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/20/2018 | -1.1 | 0.04 | -1.1 | -1.0 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/21/2018 | -0.9 | 0.18 | -1.0 | -0.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/22/2018 | -0.3 | 0.15 | -0.5 | -0.1 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/23/2018 | 0.0 | 0.04 | -0.1 | 0.1 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/24/2018 | 0.1 | 0.10 | 0.0 | 0.4 | 0.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/25/2018 | 0.4 | 0.37 | 0.0 | 0.9 | 0.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/26/2018 | 0.0 | 0.55 | -0.6 | 1.0 | 0.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/27/2018 | 0.6 | 0.57 | -0.3 | 1.5 | 1.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/28/2018 | 0.3 | 0.33 | -0.2 | 1.1 | 1.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/29/2018 | 0.0 | 0.29 | -0.3 | 0.8 | 1.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/30/2018 | -0.2 | 0.16 | -0.4 | 0.0 | 1.5 | 0.0 | NA | NA | NA | NA | NA | NA |

May

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 5/1/2018 | -0.7 | 0.18 | -0.9 | -0.3 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/2/2018 | -0.6 | 0.17 | -0.8 | -0.1 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/3/2018 | -0.5 | 0.14 | -0.8 | -0.4 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/4/2018 | -0.4 | 0.31 | -0.8 | 0.3 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/5/2018 | -0.2 | 0.53 | -0.8 | 1.1 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/6/2018 | 1.6 | 0.45 | 0.9 | 2.4 | 1.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/7/2018 | 2.1 | 0.23 | 1.7 | 2.4 | 3.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/8/2018 | 2.7 | 0.86 | 1.7 | 3.9 | 6.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/9/2018 | 3.3 | 0.67 | 1.7 | 3.8 | 9.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/10/2018 | 2.7 | 1.22 | 0.9 | 4.3 | 12.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/11/2018 | 3.4 | 1.78 | 0.8 | 5.0 | 15.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/12/2018 | 4.7 | 0.21 | 4.4 | 5.2 | 20.5 | 0.7 | NA | NA | NA | NA | NA | NA |
| 5/13/2018 | 4.0 | 0.98 | 2.1 | 5.2 | 24.5 | 0.8 | NA | NA | NA | NA | NA | NA |
| 5/14/2018 | 2.9 | 1.72 | 0.4 | 5.7 | 27.4 | 0.8 | NA | NA | NA | NA | NA | NA |
| 5/15/2018 | 2.0 | 0.37 | 1.4 | 2.7 | 29.4 | 0.8 | NA | NA | NA | NA | NA | NA |
| 5/16/2018 | 3.3 | 1.36 | 2.2 | 7.3 | 32.7 | 0.8 | NA | NA | NA | NA | NA | NA |
| 5/17/2018 | 4.4 | 1.41 | 2.7 | 6.7 | 37.1 | 1.2 | NA | NA | NA | NA | NA | NA |
| 5/18/2018 | 4.6 | 2.20 | 1.4 | 6.7 | 41.6 | 1.7 | NA | NA | NA | NA | NA | NA |
| 5/19/2018 | 4.6 | 0.72 | 3.1 | 5.6 | 46.3 | 2.4 | NA | NA | NA | NA | NA | NA |
| 5/20/2018 | 4.7 | 1.34 | 2.6 | 6.9 | 51.0 | 3.1 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 5/21/2018 | 5.3 | 1.73 | 3.0 | 7.4 | 56.3 | 4.4 | NA | NA | NA | NA | NA | NA |
| 5/22/2018 | 6.4 | 0.88 | 4.9 | 7.2 | 62.7 | 6.8 | NA | NA | NA | NA | NA | NA |
| 5/23/2018 | 3.4 | 2.04 | 1.2 | 6.9 | 66.1 | 6.8 | NA | NA | NA | NA | NA | NA |
| 5/24/2018 | 2.4 | 0.83 | 1.4 | 3.5 | 68.5 | 6.8 | NA | NA | NA | NA | NA | NA |
| 5/25/2018 | 3.4 | 0.55 | 2.5 | 4.2 | 71.9 | 6.8 | NA | NA | NA | NA | NA | NA |
| 5/26/2018 | 3.2 | 0.38 | 2.6 | 3.9 | 75.1 | 6.8 | NA | NA | NA | NA | NA | NA |
| 5/27/2018 | 3.5 | 0.33 | 3.2 | 4.1 | 78.6 | 6.8 | NA | NA | NA | NA | NA | NA |
| 5/28/2018 | 4.1 | 0.49 | 3.4 | 4.7 | 82.7 | 6.9 | NA | NA | NA | NA | NA | NA |
| 5/29/2018 | 4.4 | 0.76 | 3.4 | 5.9 | 87.2 | 7.3 | NA | NA | NA | NA | NA | NA |
| 5/30/2018 | 4.9 | 1.03 | 3.6 | 7.4 | 92.0 | 8.1 | NA | NA | NA | NA | NA | NA |
| 5/31/2018 | 4.3 | 0.56 | 3.5 | 5.1 | 96.3 | 8.4 | NA | NA | NA | NA | NA | NA |

June

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/1/2018 | 3.6 | 0.49 | 2.8 | 4.3 | 3.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 6/2/2018 | 3.9 | 0.69 | 3.0 | 5.1 | 7.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 6/3/2018 | 4.5 | 0.80 | 3.3 | 5.5 | 12.0 | 0.5 | NA | NA | NA | NA | NA | NA |
| 6/4/2018 | 4.9 | 0.71 | 4.1 | 6.8 | 16.9 | 1.4 | NA | NA | NA | NA | NA | NA |
| 6/5/2018 | 3.6 | 0.23 | 3.4 | 4.2 | 20.6 | 1.4 | NA | NA | NA | NA | NA | NA |
| 6/6/2018 | 4.3 | 0.33 | 3.6 | 4.8 | 24.8 | 1.7 | NA | NA | NA | NA | NA | NA |
| 6/7/2018 | 4.8 | 0.46 | 4.0 | 5.5 | 29.6 | 2.4 | NA | NA | NA | NA | NA | NA |
| 6/8/2018 | 7.3 | 2.21 | 5.0 | 11.4 | 36.9 | 5.7 | NA | NA | NA | NA | NA | NA |
| 6/9/2018 | 9.9 | 1.04 | 8.0 | 11.0 | 46.7 | 11.6 | NA | NA | NA | NA | NA | NA |
| 6/10/2018 | 10.2 | 1.23 | 7.8 | 11.3 | 57.0 | 17.8 | NA | NA | NA | NA | NA | NA |
| 6/11/2018 | 9.1 | 1.12 | 6.7 | 11.2 | 66.0 | 22.8 | NA | NA | NA | NA | NA | NA |
| 6/12/2018 | 8.0 | 1.49 | 5.7 | 10.5 | 74.0 | 26.8 | NA | NA | NA | NA | NA | NA |
| 6/13/2018 | 9.6 | 1.38 | 6.7 | 11.1 | 83.5 | 32.4 | NA | NA | NA | NA | NA | NA |
| 6/14/2018 | 5.9 | 1.60 | 3.7 | 8.2 | 89.5 | 34.3 | NA | NA | NA | NA | NA | NA |
| 6/15/2018 | 5.3 | 1.86 | 2.5 | 9.2 | 94.8 | 35.6 | NA | NA | NA | NA | NA | NA |
| 6/16/2018 | 4.1 | 1.45 | 3.1 | 8.1 | 98.9 | 35.7 | NA | NA | NA | NA | NA | NA |
| 6/17/2018 | 5.2 | 1.40 | 3.4 | 6.8 | 104.0 | 36.9 | NA | NA | NA | NA | NA | NA |
| 6/18/2018 | 5.9 | 1.63 | 4.1 | 9.4 | 109.9 | 38.7 | NA | NA | NA | NA | NA | NA |
| 6/19/2018 | 8.0 | 3.10 | 3.9 | 11.0 | 117.9 | 42.7 | NA | NA | NA | NA | NA | NA |
| 6/20/2018 | 10.1 | 0.80 | 7.9 | 10.9 | 128.0 | 48.8 | NA | NA | NA | NA | NA | NA |
| 6/21/2018 | 10.9 | 0.26 | 10.4 | 11.1 | 138.8 | 55.7 | NA | NA | NA | NA | NA | NA |
| 6/22/2018 | 8.6 | 1.24 | 5.7 | 9.7 | 147.5 | 60.3 | NA | NA | NA | NA | NA | NA |
| 6/23/2018 | 9.8 | 0.53 | 8.9 | 10.4 | 157.3 | 66.1 | NA | NA | NA | NA | NA | NA |
| 6/24/2018 | 7.4 | 1.78 | 4.5 | 10.1 | 164.7 | 69.5 | NA | NA | NA | NA | NA | NA |
| 6/25/2018 | 5.4 | 0.71 | 4.4 | 6.3 | 170.1 | 70.9 | NA | NA | NA | NA | NA | NA |
| 6/26/2018 | 6.7 | 0.63 | 6.0 | 8.0 | 176.8 | 73.6 | NA | NA | NA | NA | NA | NA |
| 6/27/2018 | 7.0 | 0.37 | 6.5 | 7.7 | 183.8 | 76.6 | NA | NA | NA | NA | NA | NA |
| 6/28/2018 | 7.6 | 1.19 | 6.3 | 10.9 | 191.4 | 80.2 | NA | NA | NA | NA | NA | NA |
| 6/29/2018 | 8.5 | 1.28 | 7.3 | 11.0 | 199.9 | 84.7 | NA | NA | NA | NA | NA | NA |
| 6/30/2018 | 8.3 | 0.58 | 7.3 | 9.5 | 208.2 | 89.0 | NA | NA | NA | NA | NA | NA |

July

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/1/2018 | 6.1 | 0.68 | 5.0 | 7.4 | 6.1 | 2.1 | NA | NA | NA | NA | NA | NA |
| 7/2/2018 | 7.1 | 0.46 | 6.5 | 8.0 | 13.3 | 5.3 | NA | NA | NA | NA | NA | NA |
| 7/3/2018 | 6.7 | 0.44 | 5.8 | 7.4 | 20.0 | 8.0 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/4/2018 | 6.6 | 0.53 | 6.0 | 7.7 | 26.6 | 10.6 | NA | NA | NA | NA | NA | NA |
| 7/5/2018 | 7.1 | 0.46 | 6.5 | 8.0 | 33.7 | 13.7 | NA | NA | NA | NA | NA | NA |
| 7/6/2018 | 10.0 | 3.66 | 6.4 | 16.5 | 43.7 | 19.7 | NA | NA | NA | NA | NA | NA |
| 7/7/2018 | 14.3 | 1.47 | 12.4 | 16.1 | 57.9 | 29.9 | NA | NA | NA | NA | NA | NA |
| 7/8/2018 | 14.4 | 0.92 | 12.4 | 15.2 | 72.4 | 40.4 | NA | NA | NA | NA | NA | NA |
| 7/9/2018 | 12.2 | 1.09 | 10.8 | 14.9 | 84.5 | 48.5 | NA | NA | NA | NA | NA | NA |
| 7/10/2018 | 13.4 | 0.53 | 12.6 | 14.5 | 98.0 | 58.0 | NA | NA | NA | NA | NA | NA |
| 7/11/2018 | 12.0 | 1.01 | 9.3 | 13.1 | 110.0 | 66.0 | NA | NA | NA | NA | NA | NA |
| 7/12/2018 | 8.0 | 1.00 | 7.0 | 10.3 | 118.0 | 70.0 | NA | NA | NA | NA | NA | NA |
| 7/13/2018 | 7.1 | 0.98 | 6.1 | 9.0 | 125.1 | 73.1 | NA | NA | NA | NA | NA | NA |
| 7/14/2018 | 8.0 | 1.21 | 6.5 | 10.1 | 133.1 | 77.1 | NA | NA | NA | NA | NA | NA |
| 7/15/2018 | 7.6 | 0.54 | 6.8 | 8.5 | 140.7 | 80.7 | NA | NA | NA | NA | NA | NA |
| 7/16/2018 | 7.3 | 0.62 | 6.4 | 8.6 | 147.9 | 83.9 | NA | NA | NA | NA | NA | NA |
| 7/17/2018 | 8.1 | 0.65 | 7.1 | 9.3 | 156.1 | 88.1 | NA | NA | NA | NA | NA | NA |
| 7/18/2018 | 12.5 | 2.81 | 9.4 | 15.9 | 168.6 | 96.6 | NA | NA | NA | NA | NA | NA |
| 7/19/2018 | 15.1 | 1.41 | 12.1 | 16.5 | 183.7 | 107.7 | NA | NA | NA | NA | NA | NA |
| 7/20/2018 | 11.5 | 1.12 | 10.1 | 13.5 | 195.2 | 115.2 | NA | NA | NA | NA | NA | NA |
| 7/21/2018 | 9.1 | 0.55 | 8.4 | 10.5 | 204.3 | 120.3 | NA | NA | NA | NA | NA | NA |
| 7/22/2018 | 8.4 | 0.65 | 7.7 | 9.9 | 212.7 | 124.7 | NA | NA | NA | NA | NA | NA |
| 7/23/2018 | 7.9 | 0.69 | 6.8 | 9.2 | 220.6 | 128.6 | NA | NA | NA | NA | NA | NA |
| 7/24/2018 | 7.3 | 0.40 | 6.8 | 7.9 | 227.9 | 131.9 | NA | NA | NA | NA | NA | NA |
| 7/25/2018 | 8.1 | 1.73 | 6.6 | 13.1 | 236.0 | 136.0 | NA | NA | NA | NA | NA | NA |
| 7/26/2018 | 9.0 | 1.92 | 7.1 | 13.2 | 245.0 | 141.0 | NA | NA | NA | NA | NA | NA |
| 7/27/2018 | 7.0 | 0.74 | 6.1 | 8.5 | 252.0 | 144.0 | NA | NA | NA | NA | NA | NA |
| 7/28/2018 | 6.5 | 0.88 | 5.3 | 8.4 | 258.5 | 146.5 | NA | NA | NA | NA | NA | NA |
| 7/29/2018 | 6.8 | 1.25 | 5.3 | 9.1 | 265.3 | 149.3 | NA | NA | NA | NA | NA | NA |
| 7/30/2018 | 7.0 | 0.55 | 6.1 | 7.7 | 272.3 | 152.3 | NA | NA | NA | NA | NA | NA |
| 7/31/2018 | 7.8 | 2.83 | 6.1 | 14.1 | 280.1 | 156.1 | NA | NA | NA | NA | NA | NA |

August

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/1/2018 | 5.6 | 1.00 | 4.4 | 7.9 | 5.6 | 1.6 | NA | NA | NA | NA | NA | NA |
| 8/2/2018 | 6.0 | 0.80 | 4.8 | 7.7 | 11.7 | 3.7 | NA | NA | NA | NA | NA | NA |
| 8/3/2018 | 5.8 | 0.84 | 4.6 | 7.7 | 17.5 | 5.5 | NA | NA | NA | NA | NA | NA |
| 8/4/2018 | 5.9 | 0.54 | 4.9 | 6.8 | 23.4 | 7.4 | NA | NA | NA | NA | NA | NA |
| 8/5/2018 | 6.2 | 1.03 | 4.7 | 7.9 | 29.6 | 9.6 | NA | NA | NA | NA | NA | NA |
| 8/6/2018 | 7.0 | 0.65 | 6.1 | 8.3 | 36.6 | 12.6 | NA | NA | NA | NA | NA | NA |
| 8/7/2018 | 6.1 | 0.58 | 5.4 | 7.3 | 42.7 | 14.7 | NA | NA | NA | NA | NA | NA |
| 8/8/2018 | 6.7 | 0.87 | 5.3 | 8.1 | 49.4 | 17.4 | NA | NA | NA | NA | NA | NA |
| 8/9/2018 | 6.8 | 1.31 | 5.2 | 9.7 | 56.1 | 20.1 | NA | NA | NA | NA | NA | NA |
| 8/10/2018 | 8.8 | 3.11 | 5.5 | 15.4 | 65.0 | 25.0 | NA | NA | NA | NA | NA | NA |
| 8/11/2018 | 13.4 | 3.29 | 8.4 | 16.8 | 78.4 | 34.4 | NA | NA | NA | NA | NA | NA |
| 8/12/2018 | 14.3 | 1.90 | 10.4 | 16.2 | 92.7 | 44.7 | NA | NA | NA | NA | NA | NA |
| 8/13/2018 | 13.5 | 2.92 | 6.9 | 17.4 | 106.2 | 54.2 | NA | NA | NA | NA | NA | NA |
| 8/14/2018 | 11.5 | 3.09 | 6.9 | 16.0 | 117.7 | 61.7 | NA | NA | NA | NA | NA | NA |
| 8/15/2018 | 10.9 | 2.28 | 8.5 | 15.1 | 128.6 | 68.6 | NA | NA | NA | NA | NA | NA |
| 8/16/2018 | 7.6 | 1.88 | 5.6 | 11.5 | 136.2 | 72.2 | NA | NA | NA | NA | NA | NA |
| 8/17/2018 | 8.3 | 1.29 | 6.5 | 10.4 | 144.5 | 76.5 | NA | NA | NA | NA | NA | NA |
| 8/18/2018 | 9.3 | 0.82 | 8.2 | 11.2 | 153.9 | 81.9 | NA | NA | NA | NA | NA | NA |
| 8/19/2018 | 9.8 | 0.77 | 8.1 | 10.9 | 163.7 | 87.7 | NA | NA | NA | NA | NA | NA |
| 8/20/2018 | 12.7 | 1.57 | 10.4 | 15.7 | 176.3 | 96.3 | NA | NA | NA | NA | NA | NA |
| 8/21/2018 | 13.7 | 1.37 | 11.5 | 16.6 | 190.0 | 106.0 | NA | NA | NA | NA | NA | NA |
| 8/22/2018 | 12.4 | 1.02 | 10.7 | 14.3 | 202.4 | 114.4 | NA | NA | NA | NA | NA | NA |
| 8/23/2018 | 15.4 | 3.50 | 10.6 | 18.5 | 217.8 | 125.8 | NA | NA | NA | NA | NA | NA |
| 8/24/2018 | 18.3 | 0.44 | 17.3 | 18.6 | 236.1 | 140.1 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/25/2018 | 15.2 | 1.14 | 12.6 | 17.5 | 251.3 | 151.3 | NA | NA | NA | NA | NA | NA |
| 8/26/2018 | 15.3 | 0.83 | 13.7 | 16.2 | 266.6 | 162.6 | NA | NA | NA | NA | NA | NA |
| 8/27/2018 | 15.8 | 2.60 | 11.4 | 19.6 | 282.4 | 174.4 | NA | NA | NA | NA | NA | NA |
| 8/28/2018 | 15.2 | 3.38 | 10.4 | 19.6 | 297.5 | 185.5 | NA | NA | NA | NA | NA | NA |
| 8/29/2018 | 18.0 | 1.79 | 14.6 | 19.6 | 315.5 | 199.5 | NA | NA | NA | NA | NA | NA |
| 8/30/2018 | 17.3 | 2.95 | 9.7 | 19.0 | 332.8 | 212.8 | NA | NA | NA | NA | NA | NA |
| 8/31/2018 | 16.4 | 2.83 | 10.0 | 18.7 | 349.2 | 225.2 | NA | NA | NA | NA | NA | NA |

September

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/1/2018 | 12.5 | 0.68 | 10.7 | 13.3 | 12.5 | 8.5 | NA | NA | NA | NA | NA | NA |
| 9/2/2018 | 12.9 | 0.61 | 11.6 | 13.8 | 25.4 | 17.4 | NA | NA | NA | NA | NA | NA |
| 9/3/2018 | 11.9 | 1.59 | 9.0 | 14.7 | 37.4 | 25.4 | NA | NA | NA | NA | NA | NA |
| 9/4/2018 | 15.5 | 2.92 | 9.3 | 17.7 | 52.9 | 36.9 | NA | NA | NA | NA | NA | NA |
| 9/5/2018 | 17.1 | 1.63 | 12.0 | 17.7 | 69.9 | 49.9 | NA | NA | NA | NA | NA | NA |
| 9/6/2018 | 16.7 | 1.80 | 11.3 | 17.7 | 86.6 | 62.6 | NA | NA | NA | NA | NA | NA |
| 9/7/2018 | 16.5 | 0.48 | 15.5 | 16.9 | 103.1 | 75.1 | NA | NA | NA | NA | NA | NA |
| 9/8/2018 | 16.0 | 0.40 | 15.4 | 16.5 | 119.1 | 87.1 | NA | NA | NA | NA | NA | NA |
| 9/9/2018 | 15.8 | 0.10 | 15.5 | 15.9 | 134.9 | 98.9 | NA | NA | NA | NA | NA | NA |
| 9/10/2018 | 15.3 | 0.49 | 14.4 | 16.0 | 150.2 | 110.2 | NA | NA | NA | NA | NA | NA |
| 9/11/2018 | 15.3 | 0.41 | 14.5 | 15.9 | 165.4 | 121.4 | NA | NA | NA | NA | NA | NA |
| 9/12/2018 | 15.3 | 0.42 | 14.7 | 16.0 | 180.7 | 132.7 | NA | NA | NA | NA | NA | NA |
| 9/13/2018 | 14.4 | 1.04 | 12.9 | 15.7 | 195.1 | 143.1 | NA | NA | NA | NA | NA | NA |
| 9/14/2018 | 11.4 | 0.93 | 9.1 | 12.8 | 206.5 | 150.5 | NA | NA | NA | NA | NA | NA |
| 9/15/2018 | 12.5 | 0.87 | 10.8 | 14.1 | 219.1 | 159.1 | NA | NA | NA | NA | NA | NA |
| 9/16/2018 | 12.3 | 1.07 | 10.7 | 14.4 | 231.4 | 167.4 | NA | NA | NA | NA | NA | NA |
| 9/17/2018 | 11.7 | 1.33 | 9.7 | 14.6 | 243.1 | 175.1 | NA | NA | NA | NA | NA | NA |
| 9/18/2018 | 7.6 | 1.39 | 5.6 | 10.3 | 250.7 | 178.7 | NA | NA | NA | NA | NA | NA |
| 9/19/2018 | 7.4 | 1.51 | 5.0 | 9.0 | 258.1 | 182.1 | NA | NA | NA | NA | NA | NA |
| 9/20/2018 | 10.4 | 1.31 | 8.5 | 12.2 | 268.5 | 188.5 | NA | NA | NA | NA | NA | NA |
| 9/21/2018 | 12.1 | 0.45 | 11.4 | 12.7 | 280.6 | 196.6 | NA | NA | NA | NA | NA | NA |
| 9/22/2018 | 12.9 | 0.42 | 12.0 | 13.2 | 293.5 | 205.5 | NA | NA | NA | NA | NA | NA |
| 9/23/2018 | 13.1 | 0.08 | 12.8 | 13.1 | 306.6 | 214.6 | NA | NA | NA | NA | NA | NA |
| 9/24/2018 | 12.3 | 0.16 | 12.1 | 12.6 | 318.9 | 222.9 | NA | NA | NA | NA | NA | NA |
| 9/25/2018 | 12.2 | 0.05 | 12.1 | 12.3 | 331.2 | 231.2 | NA | NA | NA | NA | NA | NA |
| 9/26/2018 | 12.2 | 0.04 | 12.2 | 12.3 | 343.4 | 239.4 | NA | NA | NA | NA | NA | NA |
| 9/27/2018 | 12.4 | 0.12 | 12.2 | 12.6 | 355.9 | 247.9 | NA | NA | NA | NA | NA | NA |
| 9/28/2018 | 10.9 | 0.98 | 9.6 | 12.4 | 366.8 | 254.8 | NA | NA | NA | NA | NA | NA |
| 9/29/2018 | 10.9 | 0.88 | 9.8 | 11.9 | 377.6 | 261.6 | NA | NA | NA | NA | NA | NA |
| 9/30/2018 | 11.6 | 0.04 | 11.6 | 11.7 | 389.3 | 269.3 | NA | NA | NA | NA | NA | NA |

October

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/1/2018 | 11.6 | 0.12 | 11.3 | 11.8 | 11.6 | 7.6 | NA | NA | NA | NA | NA | NA |
| 10/2/2018 | 11.3 | 0.33 | 10.6 | 11.6 | 22.9 | 14.9 | NA | NA | NA | NA | NA | NA |
| 10/3/2018 | 10.1 | 0.79 | 9.1 | 11.1 | 33.0 | 21.0 | NA | NA | NA | NA | NA | NA |
| 10/4/2018 | 10.0 | 0.59 | 8.8 | 10.6 | 43.0 | 27.0 | NA | NA | NA | NA | NA | NA |
| 10/5/2018 | 11.6 | 0.17 | 11.3 | 11.8 | 54.7 | 34.7 | NA | NA | NA | NA | NA | NA |
| 10/6/2018 | 11.4 | 0.11 | 11.3 | 11.6 | 66.1 | 42.1 | NA | NA | NA | NA | NA | NA |
| 10/7/2018 | 10.9 | 0.19 | 10.7 | 11.3 | 77.0 | 49.0 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/8/2018 | 10.9 | 0.24 | 10.5 | 11.2 | 87.9 | 55.9 | NA | NA | NA | NA | NA | NA |
| 10/9/2018 | 11.0 | 0.27 | 10.3 | 11.2 | 98.9 | 62.9 | NA | NA | NA | NA | NA | NA |
| 10/10/2018 | 10.8 | 0.19 | 10.4 | 11.1 | 109.7 | 69.7 | NA | NA | NA | NA | NA | NA |
| 10/11/2018 | 10.5 | 0.43 | 9.5 | 10.9 | 120.2 | 76.2 | NA | NA | NA | NA | NA | NA |
| 10/12/2018 | 7.8 | 0.68 | 7.0 | 9.7 | 128.0 | 80.0 | NA | NA | NA | NA | NA | NA |
| 10/13/2018 | 10.0 | 0.27 | 9.3 | 10.3 | 138.0 | 86.0 | NA | NA | NA | NA | NA | NA |
| 10/14/2018 | 10.0 | 0.21 | 9.7 | 10.3 | 148.0 | 92.0 | NA | NA | NA | NA | NA | NA |
| 10/15/2018 | 9.7 | 0.06 | 9.6 | 9.8 | 157.6 | 97.6 | NA | NA | NA | NA | NA | NA |
| 10/16/2018 | 9.4 | 0.14 | 9.2 | 9.6 | 167.1 | 103.1 | NA | NA | NA | NA | NA | NA |
| 10/17/2018 | 8.8 | 0.37 | 8.2 | 9.3 | 175.9 | 107.9 | NA | NA | NA | NA | NA | NA |
| 10/18/2018 | 8.4 | 0.15 | 8.0 | 8.6 | 184.2 | 112.2 | NA | NA | NA | NA | NA | NA |
| 10/19/2018 | 8.1 | 0.30 | 7.3 | 8.4 | 192.3 | 116.3 | NA | NA | NA | NA | NA | NA |
| 10/20/2018 | 7.0 | 0.20 | 6.8 | 7.3 | 199.3 | 119.3 | NA | NA | NA | NA | NA | NA |
| 10/21/2018 | 7.4 | 0.10 | 7.2 | 7.4 | 206.7 | 122.7 | NA | NA | NA | NA | NA | NA |
| 10/22/2018 | 7.1 | 0.14 | 6.9 | 7.3 | 213.8 | 125.8 | NA | NA | NA | NA | NA | NA |
| 10/23/2018 | 6.9 | 0.03 | 6.8 | 6.9 | 220.7 | 128.7 | NA | NA | NA | NA | NA | NA |
| 10/24/2018 | 6.7 | 0.12 | 6.5 | 6.8 | 227.4 | 131.4 | NA | NA | NA | NA | NA | NA |
| 10/25/2018 | 6.1 | 0.16 | 5.8 | 6.3 | 233.5 | 133.5 | NA | NA | NA | NA | NA | NA |
| 10/26/2018 | 6.2 | 0.04 | 6.1 | 6.3 | 239.7 | 135.7 | NA | NA | NA | NA | NA | NA |
| 10/27/2018 | 6.2 | 0.09 | 6.0 | 6.3 | 245.9 | 137.9 | NA | NA | NA | NA | NA | NA |
| 10/28/2018 | 5.7 | 0.48 | 4.9 | 6.3 | 251.6 | 139.6 | NA | NA | NA | NA | NA | NA |
| 10/29/2018 | 5.3 | 0.39 | 4.7 | 5.9 | 256.9 | 140.9 | NA | NA | NA | NA | NA | NA |
| 10/30/2018 | 5.8 | 0.08 | 5.7 | 5.9 | 262.8 | 142.8 | NA | NA | NA | NA | NA | NA |
| 10/31/2018 | 5.9 | 0.05 | 5.8 | 5.9 | 268.6 | 144.6 | NA | NA | NA | NA | NA | NA |

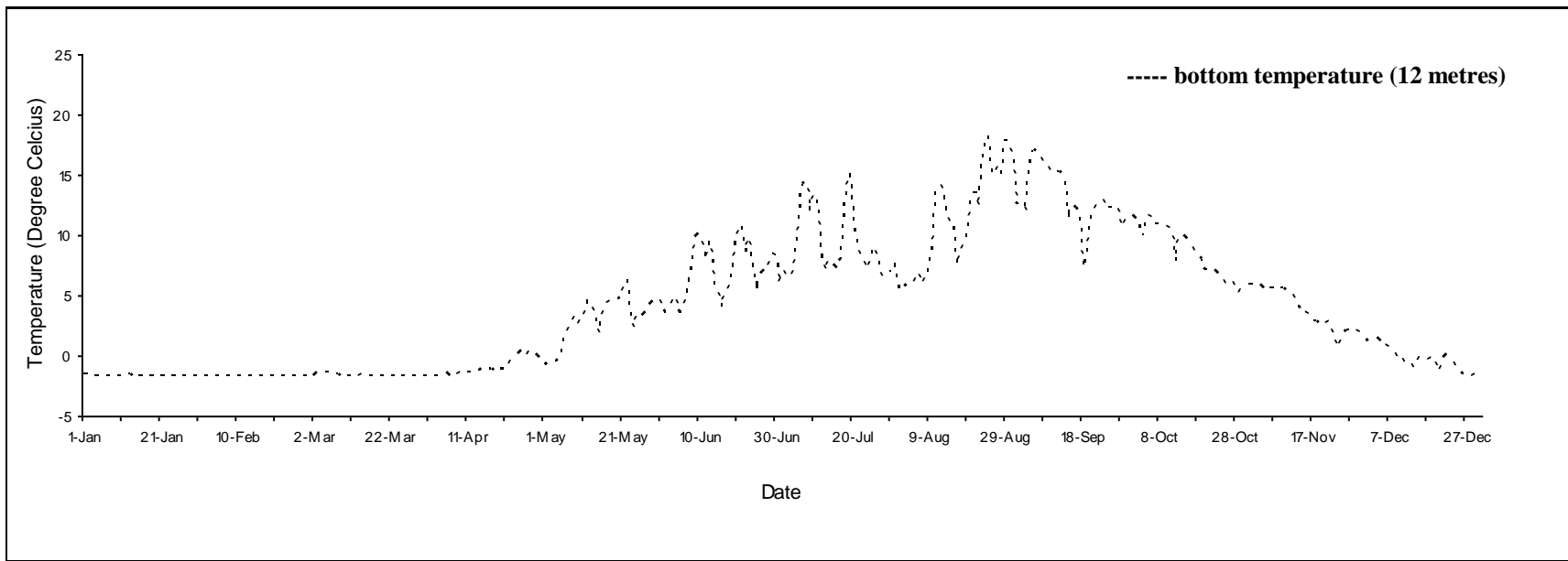
November

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 11/1/2018 | 5.9 | 0.03 | 5.9 | 6.0 | 5.9 | 1.9 | NA | NA | NA | NA | NA | NA |
| 11/2/2018 | 5.9 | 0.06 | 5.8 | 6.0 | 11.8 | 3.8 | NA | NA | NA | NA | NA | NA |
| 11/3/2018 | 5.8 | 0.09 | 5.7 | 6.0 | 17.7 | 5.7 | NA | NA | NA | NA | NA | NA |
| 11/4/2018 | 5.7 | 0.06 | 5.6 | 5.7 | 23.3 | 7.3 | NA | NA | NA | NA | NA | NA |
| 11/5/2018 | 5.6 | 0.07 | 5.5 | 5.7 | 28.9 | 8.9 | NA | NA | NA | NA | NA | NA |
| 11/6/2018 | 5.6 | 0.03 | 5.5 | 5.6 | 34.5 | 10.5 | NA | NA | NA | NA | NA | NA |
| 11/7/2018 | 5.6 | 0.05 | 5.5 | 5.7 | 40.1 | 12.1 | NA | NA | NA | NA | NA | NA |
| 11/8/2018 | 5.7 | 0.03 | 5.7 | 5.8 | 45.8 | 13.8 | NA | NA | NA | NA | NA | NA |
| 11/9/2018 | 5.6 | 0.05 | 5.6 | 5.7 | 51.4 | 15.4 | NA | NA | NA | NA | NA | NA |
| 11/10/2018 | 5.5 | 0.04 | 5.4 | 5.6 | 56.9 | 16.9 | NA | NA | NA | NA | NA | NA |
| 11/11/2018 | 5.3 | 0.07 | 5.2 | 5.4 | 62.2 | 18.2 | NA | NA | NA | NA | NA | NA |
| 11/12/2018 | 4.9 | 0.26 | 4.4 | 5.2 | 67.1 | 19.1 | NA | NA | NA | NA | NA | NA |
| 11/13/2018 | 4.0 | 0.25 | 3.7 | 4.3 | 71.1 | 19.1 | NA | NA | NA | NA | NA | NA |
| 11/14/2018 | 3.7 | 0.08 | 3.6 | 3.8 | 74.8 | 19.1 | NA | NA | NA | NA | NA | NA |
| 11/15/2018 | 3.6 | 0.21 | 3.2 | 3.8 | 78.4 | 19.1 | NA | NA | NA | NA | NA | NA |
| 11/16/2018 | 3.5 | 0.19 | 3.1 | 3.6 | 81.9 | 19.1 | NA | NA | NA | NA | NA | NA |
| 11/17/2018 | 3.0 | 0.09 | 2.9 | 3.2 | 85.0 | 19.1 | NA | NA | NA | NA | NA | NA |
| 11/18/2018 | 2.8 | 0.24 | 2.4 | 3.0 | 87.8 | 19.1 | NA | NA | NA | NA | NA | NA |
| 11/19/2018 | 2.5 | 0.23 | 2.0 | 2.7 | 90.3 | 19.1 | NA | NA | NA | NA | NA | NA |
| 11/20/2018 | 2.8 | 0.06 | 2.6 | 2.8 | 93.1 | 19.1 | NA | NA | NA | NA | NA | NA |
| 11/21/2018 | 2.8 | 0.32 | 2.1 | 3.0 | 95.9 | 19.1 | NA | NA | NA | NA | NA | NA |
| 11/22/2018 | 1.9 | 0.23 | 1.3 | 2.1 | 97.7 | 19.1 | NA | NA | NA | NA | NA | NA |
| 11/23/2018 | 0.9 | 0.34 | 0.3 | 1.4 | 98.6 | 19.1 | NA | NA | NA | NA | NA | NA |
| 11/24/2018 | 0.9 | 0.31 | 0.5 | 1.5 | 99.6 | 19.1 | NA | NA | NA | NA | NA | NA |
| 11/25/2018 | 1.9 | 0.22 | 1.5 | 2.2 | 101.5 | 19.1 | NA | NA | NA | NA | NA | NA |
| 11/26/2018 | 2.1 | 0.03 | 2.1 | 2.2 | 103.6 | 19.1 | NA | NA | NA | NA | NA | NA |
| 11/27/2018 | 2.1 | 0.06 | 2.0 | 2.3 | 105.7 | 19.1 | NA | NA | NA | NA | NA | NA |
| 11/28/2018 | 2.2 | 0.17 | 1.9 | 2.4 | 107.9 | 19.1 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 11/29/2018 | 1.9 | 0.13 | 1.7 | 2.1 | 109.8 | 19.1 | NA | NA | NA | NA | NA | NA |
| 11/30/2018 | 1.6 | 0.11 | 1.4 | 1.8 | 111.4 | 19.1 | NA | NA | NA | NA | NA | NA |

December

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 12/1/2018 | 1.2 | 0.19 | 0.9 | 1.5 | 1.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/2/2018 | 1.5 | 0.21 | 0.9 | 1.7 | 2.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/3/2018 | 1.7 | 0.11 | 1.5 | 1.9 | 4.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/4/2018 | 1.3 | 0.13 | 1.1 | 1.5 | 5.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/5/2018 | 1.0 | 0.08 | 0.8 | 1.1 | 6.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/6/2018 | 0.9 | 0.21 | 0.4 | 1.1 | 7.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/7/2018 | 0.8 | 0.23 | 0.5 | 1.2 | 8.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/8/2018 | 0.5 | 0.19 | 0.2 | 0.8 | 8.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/9/2018 | -0.3 | 0.30 | -0.7 | 0.3 | 8.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/10/2018 | -0.2 | 0.23 | -0.7 | 0.2 | 8.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/11/2018 | -0.6 | 0.18 | -0.9 | -0.3 | 8.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/12/2018 | -0.5 | 0.44 | -1.0 | 0.2 | 8.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/13/2018 | -1.0 | 0.45 | -1.5 | -0.3 | 8.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/14/2018 | -0.5 | 0.38 | -1.1 | 0.1 | 8.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/15/2018 | 0.0 | 0.09 | -0.2 | 0.1 | 8.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/16/2018 | -0.1 | 0.18 | -0.5 | 0.2 | 8.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/17/2018 | -0.3 | 0.25 | -0.8 | 0.1 | 8.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/18/2018 | 0.1 | 0.42 | -0.5 | 0.7 | 8.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/19/2018 | -0.9 | 0.43 | -1.5 | -0.3 | 8.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/20/2018 | -1.2 | 0.32 | -1.6 | -0.6 | 8.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/21/2018 | -0.2 | 0.20 | -0.6 | 0.1 | 8.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/22/2018 | 0.2 | 0.12 | 0.0 | 0.4 | 9.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/23/2018 | -0.2 | 0.22 | -0.6 | 0.1 | 9.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/24/2018 | -0.9 | 0.27 | -1.4 | -0.5 | 9.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/25/2018 | -1.2 | 0.14 | -1.4 | -1.0 | 9.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/26/2018 | -1.5 | 0.08 | -1.7 | -1.4 | 9.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/27/2018 | -1.6 | 0.07 | -1.7 | -1.5 | 9.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/28/2018 | -1.7 | 0.02 | -1.7 | -1.7 | 9.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/29/2018 | -1.6 | 0.08 | -1.7 | -1.4 | 9.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/30/2018 | -1.6 | 0.07 | -1.7 | -1.5 | 9.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/31/2018 | -1.6 | 0.03 | -1.7 | -1.6 | 9.0 | 0.0 | NA | NA | NA | NA | NA | NA |



Daily mean temperature for Anse Bleue 1, N.B., 2018.

Anse Bleue 2, N.B.

2018

July

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/14/2018 | 7.0 | 0.84 | 5.7 | 9.1 | 7.0 | 3.0 | NA | NA | NA | NA | NA | NA |
| 7/15/2018 | 6.9 | 0.55 | 6.0 | 7.9 | 13.8 | 5.8 | NA | NA | NA | NA | NA | NA |
| 7/16/2018 | 6.6 | 0.58 | 5.4 | 7.3 | 20.4 | 8.4 | NA | NA | NA | NA | NA | NA |
| 7/17/2018 | 7.4 | 0.44 | 6.6 | 8.0 | 27.8 | 11.8 | NA | NA | NA | NA | NA | NA |
| 7/18/2018 | 11.4 | 2.77 | 7.7 | 15.7 | 39.2 | 19.2 | NA | NA | NA | NA | NA | NA |
| 7/19/2018 | 12.1 | 3.17 | 7.7 | 15.5 | 51.3 | 27.3 | NA | NA | NA | NA | NA | NA |
| 7/20/2018 | 8.6 | 1.14 | 6.7 | 10.1 | 59.9 | 31.9 | NA | NA | NA | NA | NA | NA |
| 7/21/2018 | 7.2 | 0.71 | 5.8 | 8.0 | 67.2 | 35.2 | NA | NA | NA | NA | NA | NA |
| 7/22/2018 | 7.0 | 0.69 | 5.7 | 8.0 | 74.1 | 38.1 | NA | NA | NA | NA | NA | NA |
| 7/23/2018 | 6.8 | 0.80 | 5.8 | 8.3 | 80.9 | 40.9 | NA | NA | NA | NA | NA | NA |
| 7/24/2018 | 6.0 | 0.42 | 5.5 | 6.8 | 87.0 | 43.0 | NA | NA | NA | NA | NA | NA |
| 7/25/2018 | 6.0 | 0.24 | 5.6 | 6.5 | 92.9 | 44.9 | NA | NA | NA | NA | NA | NA |
| 7/26/2018 | 6.4 | 0.58 | 5.3 | 7.3 | 99.3 | 47.3 | NA | NA | NA | NA | NA | NA |
| 7/27/2018 | 5.1 | 0.24 | 4.9 | 5.6 | 104.5 | 48.5 | NA | NA | NA | NA | NA | NA |
| 7/28/2018 | 4.7 | 0.41 | 4.2 | 5.3 | 109.2 | 49.2 | NA | NA | NA | NA | NA | NA |
| 7/29/2018 | 4.6 | 0.55 | 4.0 | 5.9 | 113.8 | 49.8 | NA | NA | NA | NA | NA | NA |
| 7/30/2018 | 5.0 | 0.76 | 3.8 | 6.3 | 118.8 | 50.8 | NA | NA | NA | NA | NA | NA |
| 7/31/2018 | 5.0 | 0.79 | 3.9 | 6.2 | 123.8 | 51.8 | NA | NA | NA | NA | NA | NA |

August

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/1/2018 | 4.2 | 0.39 | 3.7 | 4.9 | 4.2 | 0.2 | NA | NA | NA | NA | NA | NA |
| 8/2/2018 | 4.5 | 1.00 | 3.3 | 6.4 | 8.7 | 0.7 | NA | NA | NA | NA | NA | NA |
| 8/3/2018 | 4.4 | 0.53 | 3.5 | 5.2 | 13.1 | 1.1 | NA | NA | NA | NA | NA | NA |
| 8/4/2018 | 5.2 | 0.69 | 4.1 | 6.0 | 18.2 | 2.2 | NA | NA | NA | NA | NA | NA |
| 8/5/2018 | 5.3 | 0.80 | 4.3 | 6.9 | 23.5 | 3.5 | NA | NA | NA | NA | NA | NA |
| 8/6/2018 | 5.3 | 0.85 | 3.5 | 6.4 | 28.9 | 4.9 | NA | NA | NA | NA | NA | NA |
| 8/7/2018 | 4.6 | 0.51 | 3.5 | 5.2 | 33.4 | 5.4 | NA | NA | NA | NA | NA | NA |
| 8/8/2018 | 5.3 | 0.69 | 4.3 | 6.4 | 38.8 | 6.8 | NA | NA | NA | NA | NA | NA |
| 8/9/2018 | 5.6 | 0.72 | 4.5 | 6.4 | 44.3 | 8.3 | NA | NA | NA | NA | NA | NA |
| 8/10/2018 | 6.7 | 1.39 | 4.6 | 8.3 | 51.0 | 11.0 | NA | NA | NA | NA | NA | NA |
| 8/11/2018 | 9.4 | 1.55 | 7.3 | 13.0 | 60.4 | 16.4 | NA | NA | NA | NA | NA | NA |
| 8/12/2018 | 10.1 | 2.87 | 4.6 | 16.0 | 70.5 | 22.5 | NA | NA | NA | NA | NA | NA |
| 8/13/2018 | 7.0 | 1.77 | 4.6 | 9.7 | 77.5 | 25.5 | NA | NA | NA | NA | NA | NA |
| 8/14/2018 | 7.6 | 1.53 | 5.4 | 10.5 | 85.1 | 29.1 | NA | NA | NA | NA | NA | NA |
| 8/15/2018 | 8.5 | 1.11 | 6.2 | 10.6 | 93.6 | 33.6 | NA | NA | NA | NA | NA | NA |
| 8/16/2018 | 6.3 | 1.63 | 4.7 | 9.3 | 99.8 | 35.8 | NA | NA | NA | NA | NA | NA |
| 8/17/2018 | 7.6 | 1.20 | 5.5 | 9.7 | 107.5 | 39.5 | NA | NA | NA | NA | NA | NA |
| 8/18/2018 | 8.1 | 0.59 | 7.4 | 9.5 | 115.6 | 43.6 | NA | NA | NA | NA | NA | NA |
| 8/19/2018 | 8.7 | 0.59 | 7.4 | 9.2 | 124.2 | 48.2 | NA | NA | NA | NA | NA | NA |
| 8/20/2018 | 11.5 | 1.60 | 9.1 | 14.3 | 135.7 | 55.7 | NA | NA | NA | NA | NA | NA |
| 8/21/2018 | 11.5 | 1.51 | 9.3 | 14.4 | 147.2 | 63.2 | NA | NA | NA | NA | NA | NA |
| 8/22/2018 | 9.8 | 0.71 | 8.8 | 10.9 | 157.0 | 69.0 | NA | NA | NA | NA | NA | NA |
| 8/23/2018 | 13.4 | 3.81 | 8.6 | 18.0 | 170.4 | 78.4 | NA | NA | NA | NA | NA | NA |
| 8/24/2018 | 13.6 | 3.63 | 7.9 | 18.5 | 184.1 | 88.1 | NA | NA | NA | NA | NA | NA |
| 8/25/2018 | 11.5 | 2.02 | 8.4 | 15.5 | 195.6 | 95.6 | NA | NA | NA | NA | NA | NA |
| 8/26/2018 | 10.1 | 1.74 | 6.9 | 13.3 | 205.8 | 101.8 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/27/2018 | 9.1 | 1.30 | 7.0 | 10.8 | 214.8 | 106.8 | NA | NA | NA | NA | NA | NA |
| 8/28/2018 | 9.9 | 1.54 | 7.6 | 12.1 | 224.7 | 112.7 | NA | NA | NA | NA | NA | NA |
| 8/29/2018 | 14.6 | 4.19 | 8.5 | 18.8 | 239.3 | 123.3 | NA | NA | NA | NA | NA | NA |
| 8/30/2018 | 10.8 | 2.83 | 7.2 | 16.0 | 250.2 | 130.2 | NA | NA | NA | NA | NA | NA |
| 8/31/2018 | 11.8 | 3.22 | 7.9 | 18.4 | 261.9 | 137.9 | NA | NA | NA | NA | NA | NA |

September

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/1/2018 | 11.1 | 1.36 | 8.7 | 12.6 | 11.1 | 7.1 | NA | NA | NA | NA | NA | NA |
| 9/2/2018 | 10.4 | 1.65 | 7.6 | 12.5 | 21.5 | 13.5 | NA | NA | NA | NA | NA | NA |
| 9/3/2018 | 8.4 | 1.66 | 6.5 | 11.9 | 29.9 | 17.9 | NA | NA | NA | NA | NA | NA |
| 9/4/2018 | 13.0 | 4.07 | 7.4 | 17.7 | 42.9 | 26.9 | NA | NA | NA | NA | NA | NA |
| 9/5/2018 | 13.2 | 2.44 | 9.9 | 17.5 | 56.1 | 36.1 | NA | NA | NA | NA | NA | NA |
| 9/6/2018 | 14.4 | 3.52 | 8.5 | 17.4 | 70.5 | 46.5 | NA | NA | NA | NA | NA | NA |
| 9/7/2018 | 16.1 | 0.79 | 14.4 | 17.2 | 86.6 | 58.6 | NA | NA | NA | NA | NA | NA |
| 9/8/2018 | 15.6 | 0.41 | 15.1 | 16.4 | 102.2 | 70.2 | NA | NA | NA | NA | NA | NA |
| 9/9/2018 | 15.7 | 0.17 | 15.3 | 15.9 | 117.9 | 81.9 | NA | NA | NA | NA | NA | NA |
| 9/10/2018 | 14.8 | 0.84 | 12.9 | 16.0 | 132.7 | 92.7 | NA | NA | NA | NA | NA | NA |
| 9/11/2018 | 14.9 | 0.45 | 14.0 | 15.5 | 147.5 | 103.5 | NA | NA | NA | NA | NA | NA |
| 9/12/2018 | 14.0 | 1.58 | 9.2 | 15.2 | 161.5 | 113.5 | NA | NA | NA | NA | NA | NA |
| 9/13/2018 | 12.5 | 1.16 | 9.5 | 13.7 | 174.0 | 122.0 | NA | NA | NA | NA | NA | NA |
| 9/14/2018 | 7.7 | 0.76 | 6.8 | 9.0 | 181.7 | 125.7 | NA | NA | NA | NA | NA | NA |
| 9/15/2018 | 9.8 | 1.33 | 7.5 | 12.0 | 191.5 | 131.5 | NA | NA | NA | NA | NA | NA |
| 9/16/2018 | 9.4 | 0.58 | 8.5 | 10.7 | 200.9 | 136.9 | NA | NA | NA | NA | NA | NA |
| 9/17/2018 | 10.2 | 0.44 | 9.4 | 10.8 | 211.1 | 143.1 | NA | NA | NA | NA | NA | NA |
| 9/18/2018 | 7.0 | 0.95 | 5.1 | 8.1 | 218.1 | 146.1 | NA | NA | NA | NA | NA | NA |
| 9/19/2018 | 6.8 | 1.56 | 4.6 | 8.8 | 224.8 | 148.8 | NA | NA | NA | NA | NA | NA |
| 9/20/2018 | 10.1 | 1.29 | 8.2 | 11.8 | 234.9 | 154.9 | NA | NA | NA | NA | NA | NA |
| 9/21/2018 | 11.8 | 0.47 | 11.0 | 12.4 | 246.7 | 162.7 | NA | NA | NA | NA | NA | NA |
| 9/22/2018 | 12.6 | 0.80 | 11.1 | 13.2 | 259.3 | 171.3 | NA | NA | NA | NA | NA | NA |
| 9/23/2018 | 13.0 | 0.30 | 12.1 | 13.2 | 272.4 | 180.4 | NA | NA | NA | NA | NA | NA |
| 9/24/2018 | 12.2 | 0.15 | 11.9 | 12.5 | 284.5 | 188.5 | NA | NA | NA | NA | NA | NA |
| 9/25/2018 | 12.2 | 0.05 | 12.1 | 12.3 | 296.8 | 196.8 | NA | NA | NA | NA | NA | NA |
| 9/26/2018 | 12.2 | 0.18 | 11.7 | 12.3 | 308.9 | 204.9 | NA | NA | NA | NA | NA | NA |
| 9/27/2018 | 12.3 | 0.37 | 11.4 | 12.5 | 321.2 | 213.2 | NA | NA | NA | NA | NA | NA |
| 9/28/2018 | 10.5 | 1.29 | 8.1 | 12.4 | 331.7 | 219.7 | NA | NA | NA | NA | NA | NA |
| 9/29/2018 | 10.4 | 1.18 | 8.8 | 11.9 | 342.1 | 226.1 | NA | NA | NA | NA | NA | NA |
| 9/30/2018 | 11.6 | 0.09 | 11.4 | 11.7 | 353.7 | 233.7 | NA | NA | NA | NA | NA | NA |

October

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/1/2018 | 11.2 | 0.84 | 9.4 | 11.8 | 11.2 | 7.2 | NA | NA | NA | NA | NA | NA |
| 10/2/2018 | 11.1 | 0.46 | 10.4 | 11.6 | 22.3 | 14.3 | NA | NA | NA | NA | NA | NA |
| 10/3/2018 | 9.5 | 0.97 | 8.0 | 10.7 | 31.8 | 19.8 | NA | NA | NA | NA | NA | NA |
| 10/4/2018 | 9.1 | 0.62 | 8.0 | 10.0 | 41.0 | 25.0 | NA | NA | NA | NA | NA | NA |
| 10/5/2018 | 11.5 | 0.38 | 10.5 | 11.9 | 52.5 | 32.5 | NA | NA | NA | NA | NA | NA |
| 10/6/2018 | 11.5 | 0.12 | 11.3 | 11.6 | 64.0 | 40.0 | NA | NA | NA | NA | NA | NA |
| 10/7/2018 | 10.8 | 0.17 | 10.6 | 11.1 | 74.8 | 46.8 | NA | NA | NA | NA | NA | NA |
| 10/8/2018 | 10.8 | 0.22 | 10.5 | 11.3 | 85.5 | 53.5 | NA | NA | NA | NA | NA | NA |
| 10/9/2018 | 10.7 | 0.56 | 9.6 | 11.2 | 96.3 | 60.3 | NA | NA | NA | NA | NA | NA |

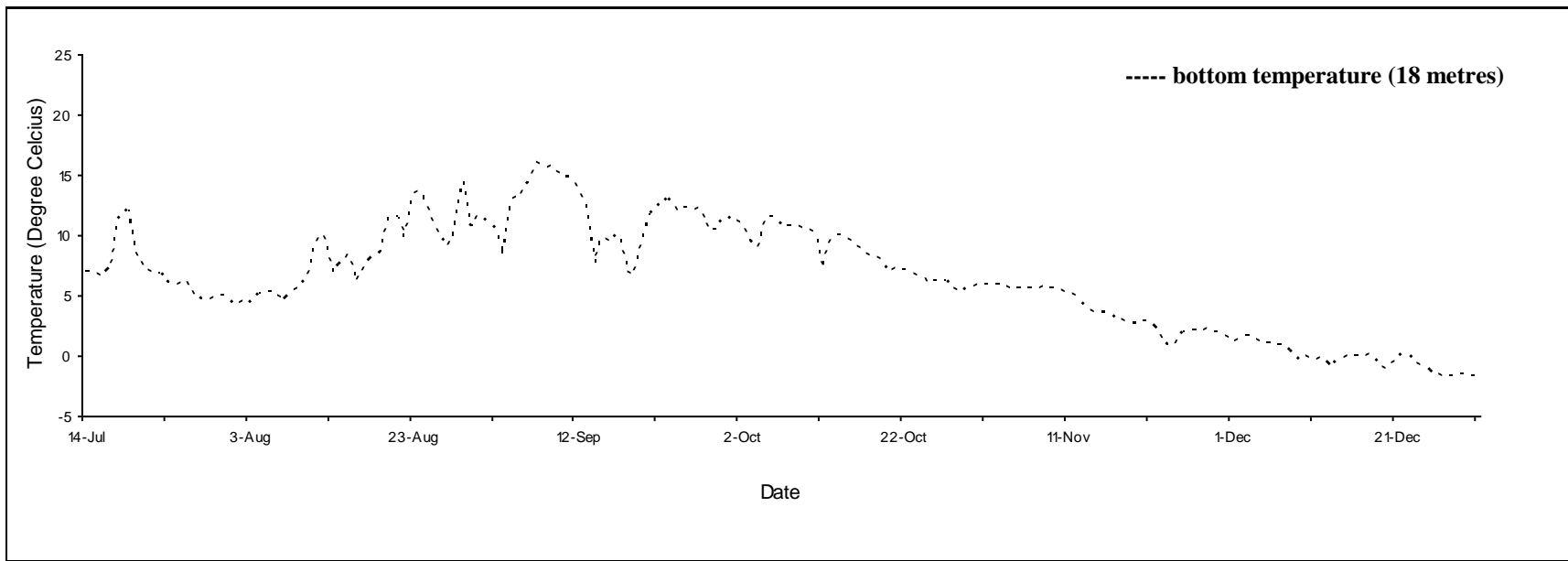
| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/10/2018 | 10.6 | 0.37 | 9.8 | 11.1 | 106.9 | 66.9 | NA | NA | NA | NA | NA | NA |
| 10/11/2018 | 10.1 | 0.88 | 8.1 | 10.8 | 117.0 | 73.0 | NA | NA | NA | NA | NA | NA |
| 10/12/2018 | 7.2 | 0.47 | 6.6 | 8.2 | 124.3 | 76.3 | NA | NA | NA | NA | NA | NA |
| 10/13/2018 | 9.9 | 0.54 | 8.4 | 10.3 | 134.1 | 82.1 | NA | NA | NA | NA | NA | NA |
| 10/14/2018 | 10.0 | 0.23 | 9.7 | 10.3 | 144.1 | 88.1 | NA | NA | NA | NA | NA | NA |
| 10/15/2018 | 9.6 | 0.09 | 9.4 | 9.8 | 153.7 | 93.7 | NA | NA | NA | NA | NA | NA |
| 10/16/2018 | 9.3 | 0.45 | 8.0 | 9.6 | 163.0 | 99.0 | NA | NA | NA | NA | NA | NA |
| 10/17/2018 | 8.6 | 0.56 | 7.8 | 9.3 | 171.6 | 103.6 | NA | NA | NA | NA | NA | NA |
| 10/18/2018 | 8.3 | 0.30 | 7.5 | 8.6 | 179.9 | 107.9 | NA | NA | NA | NA | NA | NA |
| 10/19/2018 | 8.0 | 0.42 | 6.8 | 8.4 | 187.9 | 111.9 | NA | NA | NA | NA | NA | NA |
| 10/20/2018 | 7.0 | 0.20 | 6.7 | 7.3 | 194.9 | 114.9 | NA | NA | NA | NA | NA | NA |
| 10/21/2018 | 7.3 | 0.15 | 7.0 | 7.5 | 202.2 | 118.2 | NA | NA | NA | NA | NA | NA |
| 10/22/2018 | 7.1 | 0.15 | 6.9 | 7.3 | 209.3 | 121.3 | NA | NA | NA | NA | NA | NA |
| 10/23/2018 | 6.9 | 0.03 | 6.8 | 6.9 | 216.2 | 124.2 | NA | NA | NA | NA | NA | NA |
| 10/24/2018 | 6.7 | 0.12 | 6.5 | 6.8 | 222.9 | 126.9 | NA | NA | NA | NA | NA | NA |
| 10/25/2018 | 6.0 | 0.29 | 5.5 | 6.3 | 228.9 | 128.9 | NA | NA | NA | NA | NA | NA |
| 10/26/2018 | 6.2 | 0.05 | 6.1 | 6.3 | 235.1 | 131.1 | NA | NA | NA | NA | NA | NA |
| 10/27/2018 | 6.2 | 0.07 | 6.0 | 6.3 | 241.3 | 133.3 | NA | NA | NA | NA | NA | NA |
| 10/28/2018 | 5.7 | 0.60 | 4.6 | 6.3 | 247.0 | 135.0 | NA | NA | NA | NA | NA | NA |
| 10/29/2018 | 5.3 | 0.22 | 5.0 | 5.8 | 252.3 | 136.3 | NA | NA | NA | NA | NA | NA |
| 10/30/2018 | 5.7 | 0.15 | 5.3 | 5.8 | 258.0 | 138.0 | NA | NA | NA | NA | NA | NA |
| 10/31/2018 | 5.9 | 0.05 | 5.8 | 5.9 | 263.9 | 139.9 | NA | NA | NA | NA | NA | NA |

November

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 11/1/2018 | 5.9 | 0.03 | 5.9 | 6.0 | 5.9 | 1.9 | NA | NA | NA | NA | NA | NA |
| 11/2/2018 | 5.9 | 0.06 | 5.8 | 6.0 | 11.8 | 3.8 | NA | NA | NA | NA | NA | NA |
| 11/3/2018 | 5.8 | 0.07 | 5.7 | 5.9 | 17.7 | 5.7 | NA | NA | NA | NA | NA | NA |
| 11/4/2018 | 5.7 | 0.06 | 5.5 | 5.7 | 23.3 | 7.3 | NA | NA | NA | NA | NA | NA |
| 11/5/2018 | 5.6 | 0.07 | 5.5 | 5.7 | 28.9 | 8.9 | NA | NA | NA | NA | NA | NA |
| 11/6/2018 | 5.6 | 0.03 | 5.5 | 5.6 | 34.5 | 10.5 | NA | NA | NA | NA | NA | NA |
| 11/7/2018 | 5.6 | 0.05 | 5.5 | 5.7 | 40.1 | 12.1 | NA | NA | NA | NA | NA | NA |
| 11/8/2018 | 5.7 | 0.02 | 5.7 | 5.8 | 45.8 | 13.8 | NA | NA | NA | NA | NA | NA |
| 11/9/2018 | 5.6 | 0.05 | 5.6 | 5.7 | 51.4 | 15.4 | NA | NA | NA | NA | NA | NA |
| 11/10/2018 | 5.5 | 0.08 | 5.3 | 5.6 | 56.9 | 16.9 | NA | NA | NA | NA | NA | NA |
| 11/11/2018 | 5.3 | 0.07 | 5.2 | 5.4 | 62.2 | 18.2 | NA | NA | NA | NA | NA | NA |
| 11/12/2018 | 4.9 | 0.24 | 4.4 | 5.2 | 67.1 | 19.1 | NA | NA | NA | NA | NA | NA |
| 11/13/2018 | 4.0 | 0.23 | 3.7 | 4.3 | 71.2 | 19.2 | NA | NA | NA | NA | NA | NA |
| 11/14/2018 | 3.7 | 0.07 | 3.6 | 3.8 | 74.9 | 19.2 | NA | NA | NA | NA | NA | NA |
| 11/15/2018 | 3.6 | 0.16 | 3.3 | 3.8 | 78.5 | 19.2 | NA | NA | NA | NA | NA | NA |
| 11/16/2018 | 3.5 | 0.15 | 3.2 | 3.6 | 82.0 | 19.2 | NA | NA | NA | NA | NA | NA |
| 11/17/2018 | 3.1 | 0.09 | 2.9 | 3.2 | 85.1 | 19.2 | NA | NA | NA | NA | NA | NA |
| 11/18/2018 | 2.8 | 0.21 | 2.5 | 3.0 | 87.9 | 19.2 | NA | NA | NA | NA | NA | NA |
| 11/19/2018 | 2.7 | 0.19 | 2.2 | 2.9 | 90.6 | 19.2 | NA | NA | NA | NA | NA | NA |
| 11/20/2018 | 2.8 | 0.12 | 2.6 | 3.0 | 93.4 | 19.2 | NA | NA | NA | NA | NA | NA |
| 11/21/2018 | 2.9 | 0.23 | 2.2 | 3.0 | 96.4 | 19.2 | NA | NA | NA | NA | NA | NA |
| 11/22/2018 | 1.9 | 0.26 | 1.3 | 2.2 | 98.2 | 19.2 | NA | NA | NA | NA | NA | NA |
| 11/23/2018 | 0.9 | 0.32 | 0.4 | 1.5 | 99.2 | 19.2 | NA | NA | NA | NA | NA | NA |
| 11/24/2018 | 1.0 | 0.25 | 0.7 | 1.5 | 100.2 | 19.2 | NA | NA | NA | NA | NA | NA |
| 11/25/2018 | 2.0 | 0.23 | 1.5 | 2.2 | 102.2 | 19.2 | NA | NA | NA | NA | NA | NA |
| 11/26/2018 | 2.1 | 0.02 | 2.1 | 2.2 | 104.3 | 19.2 | NA | NA | NA | NA | NA | NA |
| 11/27/2018 | 2.1 | 0.06 | 2.0 | 2.3 | 106.4 | 19.2 | NA | NA | NA | NA | NA | NA |
| 11/28/2018 | 2.2 | 0.21 | 1.9 | 2.6 | 108.6 | 19.2 | NA | NA | NA | NA | NA | NA |
| 11/29/2018 | 2.0 | 0.15 | 1.7 | 2.2 | 110.6 | 19.2 | NA | NA | NA | NA | NA | NA |
| 11/30/2018 | 1.6 | 0.11 | 1.5 | 1.9 | 112.3 | 19.2 | NA | NA | NA | NA | NA | NA |

December

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 12/1/2018 | 1.2 | 0.19 | 0.9 | 1.5 | 1.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/2/2018 | 1.6 | 0.14 | 1.2 | 1.8 | 2.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/3/2018 | 1.7 | 0.10 | 1.5 | 1.9 | 4.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/4/2018 | 1.3 | 0.15 | 1.1 | 1.5 | 5.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/5/2018 | 1.1 | 0.11 | 0.9 | 1.4 | 6.9 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/6/2018 | 1.0 | 0.20 | 0.6 | 1.2 | 7.9 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/7/2018 | 0.9 | 0.25 | 0.5 | 1.2 | 8.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/8/2018 | 0.5 | 0.23 | 0.1 | 0.8 | 9.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/9/2018 | -0.2 | 0.32 | -0.6 | 0.3 | 9.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/10/2018 | -0.1 | 0.28 | -0.6 | 0.3 | 9.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/11/2018 | -0.4 | 0.24 | -0.9 | 0.1 | 9.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/12/2018 | -0.2 | 0.45 | -0.9 | 0.4 | 9.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/13/2018 | -0.9 | 0.42 | -1.4 | -0.2 | 9.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/14/2018 | -0.4 | 0.35 | -0.9 | 0.1 | 9.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/15/2018 | 0.0 | 0.09 | -0.2 | 0.1 | 9.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/16/2018 | 0.1 | 0.15 | -0.2 | 0.2 | 9.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/17/2018 | 0.1 | 0.15 | -0.2 | 0.3 | 9.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/18/2018 | 0.2 | 0.48 | -0.5 | 0.7 | 9.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/19/2018 | -0.8 | 0.43 | -1.5 | -0.4 | 9.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/20/2018 | -1.1 | 0.29 | -1.6 | -0.6 | 9.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/21/2018 | -0.2 | 0.18 | -0.5 | 0.0 | 9.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/22/2018 | 0.2 | 0.13 | 0.0 | 0.4 | 9.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/23/2018 | -0.2 | 0.26 | -0.5 | 0.2 | 9.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/24/2018 | -0.8 | 0.29 | -1.4 | -0.5 | 9.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/25/2018 | -1.1 | 0.18 | -1.5 | -0.8 | 9.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/26/2018 | -1.5 | 0.10 | -1.7 | -1.3 | 9.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/27/2018 | -1.7 | 0.09 | -1.7 | -1.4 | 9.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/28/2018 | -1.7 | 0.02 | -1.7 | -1.7 | 9.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/29/2018 | -1.6 | 0.08 | -1.7 | -1.5 | 9.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/30/2018 | -1.6 | 0.06 | -1.7 | -1.5 | 9.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/31/2018 | -1.7 | 0.02 | -1.7 | -1.6 | 9.8 | 0.0 | NA | NA | NA | NA | NA | NA |



Daily mean temperature for Anse Bleue 2, N.B., 2018.

Anse Bleue 3, N.B.

2018

January

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 1/1/2018 | -1.5 | 0.05 | -1.6 | -1.4 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/2/2018 | -1.5 | 0.03 | -1.5 | -1.5 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/3/2018 | -1.6 | 0.03 | -1.6 | -1.5 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/4/2018 | -1.6 | 0.07 | -1.7 | -1.5 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/5/2018 | -1.7 | 0.01 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/6/2018 | -1.6 | 0.02 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/7/2018 | -1.6 | 0.01 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/8/2018 | -1.6 | 0.02 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/9/2018 | -1.7 | 0.01 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/10/2018 | -1.7 | 0.01 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/11/2018 | -1.7 | 0.01 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/12/2018 | -1.6 | 0.02 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/13/2018 | -1.5 | 0.05 | -1.6 | -1.5 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/14/2018 | -1.6 | 0.04 | -1.7 | -1.5 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/15/2018 | -1.7 | 0.01 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/16/2018 | -1.6 | 0.04 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/17/2018 | -1.7 | 0.01 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/18/2018 | -1.7 | 0.00 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/19/2018 | -1.7 | 0.01 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/20/2018 | -1.7 | 0.01 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/21/2018 | -1.7 | 0.01 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/22/2018 | -1.7 | 0.01 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/23/2018 | -1.7 | 0.00 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/24/2018 | -1.7 | 0.00 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/25/2018 | -1.7 | 0.01 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/26/2018 | -1.7 | 0.00 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/27/2018 | -1.7 | 0.00 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/28/2018 | -1.7 | 0.00 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/29/2018 | -1.7 | 0.00 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/30/2018 | -1.7 | 0.04 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/31/2018 | -1.7 | 0.01 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |

February

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 2/1/2018 | -1.7 | 0.01 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/2/2018 | -1.7 | 0.00 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/3/2018 | -1.7 | 0.01 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/4/2018 | -1.7 | 0.01 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/5/2018 | -1.7 | 0.02 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/6/2018 | -1.6 | 0.01 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/7/2018 | -1.7 | 0.01 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/8/2018 | -1.7 | 0.01 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/9/2018 | -1.7 | 0.01 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/10/2018 | -1.7 | 0.01 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/11/2018 | -1.7 | 0.01 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/12/2018 | -1.7 | 0.02 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/13/2018 | -1.7 | 0.00 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 2/14/2018 | -1.7 | 0.02 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/15/2018 | -1.7 | 0.01 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/16/2018 | -1.6 | 0.02 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/17/2018 | -1.7 | 0.01 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/18/2018 | -1.7 | 0.01 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/19/2018 | -1.7 | 0.02 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/20/2018 | -1.6 | 0.03 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/21/2018 | -1.5 | 0.12 | -1.7 | -1.2 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/22/2018 | -1.7 | 0.02 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/23/2018 | -1.7 | 0.02 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/24/2018 | -1.7 | 0.01 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/25/2018 | -1.7 | 0.00 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/26/2018 | -1.7 | 0.03 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/27/2018 | -1.6 | 0.01 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/28/2018 | -1.6 | 0.01 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |

March

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 3/1/2018 | -1.6 | 0.02 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/2/2018 | -1.6 | 0.07 | -1.6 | -1.5 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/3/2018 | -1.4 | 0.10 | -1.5 | -1.2 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/4/2018 | -1.3 | 0.05 | -1.4 | -1.2 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/5/2018 | -1.2 | 0.07 | -1.4 | -1.1 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/6/2018 | -1.3 | 0.06 | -1.4 | -1.2 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/7/2018 | -1.4 | 0.04 | -1.4 | -1.3 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/8/2018 | -1.5 | 0.06 | -1.6 | -1.4 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/9/2018 | -1.6 | 0.06 | -1.7 | -1.5 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/10/2018 | -1.7 | 0.03 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/11/2018 | -1.7 | 0.02 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/12/2018 | -1.6 | 0.03 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/13/2018 | -1.6 | 0.02 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/14/2018 | -1.4 | 0.16 | -1.6 | -1.1 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/15/2018 | -1.5 | 0.06 | -1.6 | -1.4 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/16/2018 | -1.6 | 0.05 | -1.7 | -1.5 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/17/2018 | -1.7 | 0.01 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/18/2018 | -1.7 | 0.00 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/19/2018 | -1.7 | 0.01 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/20/2018 | -1.7 | 0.00 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/21/2018 | -1.7 | 0.02 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/22/2018 | -1.6 | 0.03 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/23/2018 | -1.6 | 0.03 | -1.6 | -1.5 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/24/2018 | -1.7 | 0.02 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/25/2018 | -1.6 | 0.03 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/26/2018 | -1.7 | 0.01 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/27/2018 | -1.6 | 0.01 | -1.6 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/28/2018 | -1.6 | 0.01 | -1.6 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/29/2018 | -1.6 | 0.02 | -1.6 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/30/2018 | -1.6 | 0.02 | -1.6 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/31/2018 | -1.6 | 0.03 | -1.6 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |

April

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 4/1/2018 | -1.6 | 0.02 | -1.6 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/2/2018 | -1.6 | 0.02 | -1.6 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/3/2018 | -1.6 | 0.07 | -1.6 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/4/2018 | -1.4 | 0.17 | -1.6 | -1.0 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/5/2018 | -1.3 | 0.33 | -1.6 | -0.9 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/6/2018 | -1.6 | 0.01 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/7/2018 | -1.6 | 0.03 | -1.6 | -1.5 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/8/2018 | -1.5 | 0.03 | -1.5 | -1.4 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/9/2018 | -1.4 | 0.09 | -1.5 | -1.3 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/10/2018 | -1.3 | 0.13 | -1.5 | -1.2 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/11/2018 | -1.3 | 0.08 | -1.4 | -1.2 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/12/2018 | -1.4 | 0.06 | -1.5 | -1.3 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/13/2018 | -1.3 | 0.12 | -1.4 | -1.0 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/14/2018 | -1.2 | 0.14 | -1.4 | -1.0 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/15/2018 | -1.1 | 0.06 | -1.2 | -1.0 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/16/2018 | -1.0 | 0.03 | -1.1 | -0.9 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/17/2018 | -1.1 | 0.12 | -1.2 | -0.9 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/18/2018 | -1.2 | 0.03 | -1.2 | -1.1 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/19/2018 | -1.1 | 0.03 | -1.1 | -1.1 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/20/2018 | -1.1 | 0.06 | -1.2 | -1.0 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/21/2018 | -1.0 | 0.09 | -1.1 | -0.8 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/22/2018 | -0.3 | 0.09 | -0.4 | -0.2 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/23/2018 | -0.1 | 0.21 | -0.6 | 0.0 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/24/2018 | -0.5 | 0.32 | -0.9 | 0.1 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/25/2018 | -0.4 | 0.20 | -0.7 | -0.1 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/26/2018 | -0.7 | 0.26 | -1.1 | -0.4 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/27/2018 | -0.2 | 0.54 | -1.0 | 0.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/28/2018 | -0.3 | 0.37 | -0.9 | 0.2 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/29/2018 | -0.4 | 0.24 | -0.8 | -0.1 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/30/2018 | -0.4 | 0.21 | -0.7 | -0.1 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |

May

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 5/1/2018 | -0.8 | 0.07 | -0.9 | -0.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/2/2018 | -0.7 | 0.10 | -0.8 | -0.5 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/3/2018 | -0.6 | 0.13 | -0.8 | -0.4 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/4/2018 | -0.7 | 0.11 | -0.8 | -0.5 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/5/2018 | -0.3 | 0.55 | -0.8 | 1.0 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/6/2018 | 1.2 | 0.32 | 0.7 | 1.6 | 1.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/7/2018 | 1.1 | 0.38 | 0.3 | 1.6 | 2.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/8/2018 | 1.1 | 0.51 | 0.3 | 1.9 | 3.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/9/2018 | 0.1 | 0.55 | -0.5 | 1.4 | 3.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/10/2018 | 0.1 | 0.33 | -0.5 | 0.7 | 3.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/11/2018 | 2.4 | 1.88 | 0.0 | 5.0 | 5.9 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/12/2018 | 3.6 | 1.20 | 1.8 | 5.0 | 9.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/13/2018 | 1.0 | 1.32 | -0.2 | 3.3 | 10.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/14/2018 | 0.3 | 0.51 | -0.4 | 1.0 | 10.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/15/2018 | 0.5 | 0.28 | 0.0 | 0.8 | 11.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/16/2018 | 1.3 | 0.64 | 0.0 | 2.0 | 12.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/17/2018 | 1.7 | 0.46 | 1.0 | 2.5 | 14.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/18/2018 | 1.1 | 0.45 | 0.5 | 2.2 | 15.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/19/2018 | 1.6 | 0.70 | 0.8 | 3.0 | 17.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/20/2018 | 1.2 | 0.50 | 0.7 | 2.4 | 18.3 | 0.0 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 5/21/2018 | 2.4 | 1.98 | 0.5 | 6.4 | 20.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/22/2018 | 1.6 | 1.05 | 0.8 | 4.8 | 22.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/23/2018 | 1.5 | 0.70 | 0.9 | 3.4 | 23.9 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/24/2018 | 1.6 | 0.39 | 1.0 | 2.3 | 25.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/25/2018 | 2.1 | 0.22 | 1.8 | 2.6 | 27.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/26/2018 | 2.5 | 0.32 | 2.1 | 3.2 | 30.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/27/2018 | 2.9 | 0.33 | 2.2 | 3.3 | 33.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/28/2018 | 2.8 | 0.21 | 2.5 | 3.1 | 35.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/29/2018 | 2.7 | 0.35 | 2.0 | 3.2 | 38.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/30/2018 | 2.9 | 0.77 | 1.8 | 4.3 | 41.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/31/2018 | 1.6 | 0.92 | 0.5 | 3.5 | 43.1 | 0.0 | NA | NA | NA | NA | NA | NA |

June

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/1/2018 | 1.3 | 0.74 | 0.3 | 2.4 | 1.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 6/2/2018 | 2.2 | 0.32 | 1.6 | 2.5 | 3.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 6/3/2018 | 3.1 | 0.72 | 2.0 | 4.4 | 6.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 6/4/2018 | 2.5 | 0.58 | 1.8 | 3.8 | 9.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 6/5/2018 | 2.9 | 0.51 | 2.1 | 3.8 | 11.9 | 0.0 | NA | NA | NA | NA | NA | NA |
| 6/6/2018 | 3.3 | 0.30 | 2.7 | 3.9 | 15.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 6/7/2018 | 3.7 | 0.27 | 3.3 | 4.1 | 19.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 6/8/2018 | 4.0 | 0.38 | 3.5 | 4.8 | 23.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 6/9/2018 | 2.4 | 0.99 | 0.4 | 3.8 | 25.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 6/10/2018 | 0.9 | 0.40 | 0.1 | 1.5 | 26.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 6/11/2018 | 1.0 | 0.51 | 0.0 | 2.0 | 27.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 6/12/2018 | 2.0 | 1.75 | 0.5 | 5.9 | 29.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 6/13/2018 | 1.3 | 1.14 | 0.2 | 4.4 | 30.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 6/14/2018 | 1.9 | 1.12 | 0.9 | 4.3 | 32.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 6/15/2018 | 2.5 | 1.14 | 0.8 | 4.9 | 35.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 6/16/2018 | 2.5 | 0.87 | 1.1 | 4.0 | 37.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 6/17/2018 | 3.7 | 1.05 | 2.2 | 5.5 | 41.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 6/18/2018 | 3.6 | 0.65 | 2.7 | 4.6 | 44.9 | 0.0 | NA | NA | NA | NA | NA | NA |
| 6/19/2018 | 4.0 | 0.47 | 2.9 | 4.6 | 48.9 | 0.0 | NA | NA | NA | NA | NA | NA |
| 6/20/2018 | 5.4 | 1.77 | 3.4 | 9.1 | 54.2 | 1.4 | NA | NA | NA | NA | NA | NA |
| 6/21/2018 | 4.4 | 0.56 | 3.6 | 5.5 | 58.6 | 1.8 | NA | NA | NA | NA | NA | NA |
| 6/22/2018 | 7.0 | 1.61 | 4.8 | 9.0 | 65.6 | 4.7 | NA | NA | NA | NA | NA | NA |
| 6/23/2018 | 5.7 | 1.10 | 4.3 | 8.2 | 71.3 | 6.4 | NA | NA | NA | NA | NA | NA |
| 6/24/2018 | 3.9 | 0.64 | 2.9 | 4.7 | 75.2 | 6.4 | NA | NA | NA | NA | NA | NA |
| 6/25/2018 | 4.2 | 1.01 | 2.8 | 5.8 | 79.3 | 6.6 | NA | NA | NA | NA | NA | NA |
| 6/26/2018 | 5.4 | 0.86 | 3.7 | 6.2 | 84.8 | 8.0 | NA | NA | NA | NA | NA | NA |
| 6/27/2018 | 5.6 | 0.55 | 4.3 | 6.1 | 90.3 | 9.6 | NA | NA | NA | NA | NA | NA |
| 6/28/2018 | 5.2 | 0.64 | 4.0 | 5.9 | 95.5 | 10.7 | NA | NA | NA | NA | NA | NA |
| 6/29/2018 | 5.2 | 0.75 | 4.3 | 6.5 | 100.7 | 12.0 | NA | NA | NA | NA | NA | NA |
| 6/30/2018 | 4.8 | 0.71 | 3.7 | 6.0 | 105.5 | 12.7 | NA | NA | NA | NA | NA | NA |

July

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/1/2018 | 4.7 | 0.42 | 3.9 | 5.3 | 4.7 | 0.7 | NA | NA | NA | NA | NA | NA |
| 7/2/2018 | 5.6 | 0.29 | 5.2 | 6.1 | 10.2 | 2.2 | NA | NA | NA | NA | NA | NA |
| 7/3/2018 | 5.1 | 0.26 | 4.8 | 5.6 | 15.4 | 3.4 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/4/2018 | 5.3 | 0.24 | 5.0 | 5.7 | 20.7 | 4.7 | NA | NA | NA | NA | NA | NA |
| 7/5/2018 | 5.2 | 0.30 | 4.8 | 5.8 | 25.9 | 5.9 | NA | NA | NA | NA | NA | NA |
| 7/6/2018 | 5.3 | 0.47 | 4.7 | 5.9 | 31.1 | 7.1 | NA | NA | NA | NA | NA | NA |
| 7/7/2018 | 8.6 | 2.47 | 4.9 | 12.0 | 39.7 | 11.7 | NA | NA | NA | NA | NA | NA |
| 7/8/2018 | 6.0 | 1.20 | 3.9 | 7.4 | 45.7 | 13.7 | NA | NA | NA | NA | NA | NA |
| 7/9/2018 | 5.8 | 1.18 | 5.0 | 9.5 | 51.5 | 15.5 | NA | NA | NA | NA | NA | NA |
| 7/10/2018 | 4.9 | 0.78 | 3.3 | 5.9 | 56.4 | 16.4 | NA | NA | NA | NA | NA | NA |
| 7/11/2018 | 5.9 | 1.08 | 4.3 | 8.3 | 62.3 | 18.3 | NA | NA | NA | NA | NA | NA |
| 7/12/2018 | 5.2 | 0.91 | 2.7 | 6.5 | 67.5 | 19.5 | NA | NA | NA | NA | NA | NA |
| 7/14/2018 | 5.8 | 0.74 | 4.9 | 7.2 | 73.3 | 21.3 | NA | NA | NA | NA | NA | NA |
| 7/15/2018 | 6.2 | 0.44 | 5.4 | 6.7 | 79.5 | 23.5 | NA | NA | NA | NA | NA | NA |
| 7/16/2018 | 6.0 | 0.53 | 5.3 | 6.8 | 85.5 | 25.5 | NA | NA | NA | NA | NA | NA |
| 7/17/2018 | 6.7 | 0.63 | 5.4 | 7.6 | 92.3 | 28.3 | NA | NA | NA | NA | NA | NA |
| 7/18/2018 | 9.0 | 1.40 | 6.6 | 11.6 | 101.3 | 33.3 | NA | NA | NA | NA | NA | NA |
| 7/19/2018 | 6.3 | 1.55 | 3.7 | 8.8 | 107.6 | 35.6 | NA | NA | NA | NA | NA | NA |
| 7/20/2018 | 5.5 | 1.81 | 3.5 | 8.4 | 113.2 | 37.2 | NA | NA | NA | NA | NA | NA |
| 7/21/2018 | 5.0 | 1.19 | 3.9 | 7.0 | 118.2 | 38.2 | NA | NA | NA | NA | NA | NA |
| 7/22/2018 | 5.1 | 0.84 | 3.8 | 6.2 | 123.3 | 39.3 | NA | NA | NA | NA | NA | NA |
| 7/23/2018 | 5.6 | 1.17 | 4.4 | 8.1 | 128.9 | 40.9 | NA | NA | NA | NA | NA | NA |
| 7/24/2018 | 5.0 | 0.40 | 4.1 | 5.4 | 134.0 | 42.0 | NA | NA | NA | NA | NA | NA |
| 7/25/2018 | 4.5 | 0.83 | 2.6 | 5.5 | 138.5 | 42.5 | NA | NA | NA | NA | NA | NA |
| 7/26/2018 | 4.3 | 0.77 | 3.1 | 5.2 | 142.8 | 42.8 | NA | NA | NA | NA | NA | NA |
| 7/27/2018 | 3.5 | 0.38 | 2.6 | 4.0 | 146.3 | 42.8 | NA | NA | NA | NA | NA | NA |
| 7/28/2018 | 3.6 | 0.23 | 3.2 | 4.0 | 149.9 | 42.8 | NA | NA | NA | NA | NA | NA |
| 7/29/2018 | 3.1 | 0.70 | 1.8 | 4.4 | 153.0 | 42.8 | NA | NA | NA | NA | NA | NA |
| 7/30/2018 | 2.5 | 0.64 | 1.4 | 3.5 | 155.5 | 42.8 | NA | NA | NA | NA | NA | NA |
| 7/31/2018 | 3.1 | 1.15 | 0.8 | 4.7 | 158.6 | 42.8 | NA | NA | NA | NA | NA | NA |

August

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/1/2018 | 2.4 | 0.67 | 1.3 | 3.9 | 2.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 8/2/2018 | 2.6 | 0.78 | 1.3 | 4.0 | 5.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 8/3/2018 | 3.4 | 0.68 | 2.0 | 3.9 | 8.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 8/4/2018 | 4.1 | 0.66 | 2.9 | 4.9 | 12.5 | 0.1 | NA | NA | NA | NA | NA | NA |
| 8/5/2018 | 4.0 | 0.77 | 3.2 | 5.6 | 16.5 | 0.1 | NA | NA | NA | NA | NA | NA |
| 8/6/2018 | 2.9 | 0.49 | 2.4 | 4.0 | 19.4 | 0.1 | NA | NA | NA | NA | NA | NA |
| 8/7/2018 | 3.9 | 0.65 | 2.6 | 4.7 | 23.3 | 0.1 | NA | NA | NA | NA | NA | NA |
| 8/8/2018 | 4.1 | 0.47 | 3.2 | 4.8 | 27.4 | 0.2 | NA | NA | NA | NA | NA | NA |
| 8/9/2018 | 4.2 | 0.50 | 3.7 | 4.9 | 31.6 | 0.4 | NA | NA | NA | NA | NA | NA |
| 8/10/2018 | 5.9 | 1.48 | 3.4 | 7.6 | 37.6 | 2.3 | NA | NA | NA | NA | NA | NA |
| 8/11/2018 | 7.0 | 1.05 | 4.7 | 8.8 | 44.6 | 5.3 | NA | NA | NA | NA | NA | NA |
| 8/12/2018 | 5.0 | 2.05 | 2.0 | 9.0 | 49.5 | 6.3 | NA | NA | NA | NA | NA | NA |
| 8/13/2018 | 4.2 | 1.08 | 2.7 | 6.2 | 53.8 | 6.5 | NA | NA | NA | NA | NA | NA |
| 8/14/2018 | 6.1 | 1.45 | 2.8 | 7.8 | 59.8 | 8.6 | NA | NA | NA | NA | NA | NA |
| 8/15/2018 | 6.4 | 1.45 | 3.7 | 7.9 | 66.2 | 11.0 | NA | NA | NA | NA | NA | NA |
| 8/16/2018 | 4.5 | 1.18 | 2.9 | 6.9 | 70.7 | 11.4 | NA | NA | NA | NA | NA | NA |
| 8/17/2018 | 6.7 | 1.13 | 5.1 | 8.7 | 77.4 | 14.2 | NA | NA | NA | NA | NA | NA |
| 8/18/2018 | 7.0 | 0.53 | 6.1 | 7.8 | 84.4 | 17.2 | NA | NA | NA | NA | NA | NA |
| 8/19/2018 | 7.4 | 0.38 | 6.8 | 8.1 | 91.8 | 20.5 | NA | NA | NA | NA | NA | NA |
| 8/20/2018 | 9.4 | 0.72 | 8.4 | 10.6 | 101.1 | 25.9 | NA | NA | NA | NA | NA | NA |
| 8/21/2018 | 8.4 | 0.59 | 7.7 | 9.3 | 109.5 | 30.3 | NA | NA | NA | NA | NA | NA |
| 8/22/2018 | 7.3 | 0.84 | 6.2 | 8.7 | 116.8 | 33.6 | NA | NA | NA | NA | NA | NA |
| 8/23/2018 | 9.3 | 2.37 | 6.4 | 13.0 | 126.2 | 38.9 | NA | NA | NA | NA | NA | NA |
| 8/24/2018 | 7.8 | 2.52 | 4.0 | 13.9 | 134.0 | 42.7 | NA | NA | NA | NA | NA | NA |
| 8/25/2018 | 7.2 | 1.63 | 3.4 | 8.9 | 141.2 | 45.9 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/26/2018 | 3.7 | 1.51 | 1.8 | 5.7 | 144.9 | 45.9 | NA | NA | NA | NA | NA | NA |
| 8/27/2018 | 3.6 | 2.09 | 1.1 | 7.5 | 148.5 | 45.9 | NA | NA | NA | NA | NA | NA |
| 8/28/2018 | 5.8 | 2.13 | 2.1 | 8.5 | 154.3 | 47.8 | NA | NA | NA | NA | NA | NA |
| 8/29/2018 | 7.6 | 2.67 | 2.7 | 12.7 | 161.9 | 51.4 | NA | NA | NA | NA | NA | NA |
| 8/30/2018 | 4.3 | 1.94 | 2.3 | 8.9 | 166.2 | 51.7 | NA | NA | NA | NA | NA | NA |
| 8/31/2018 | 5.8 | 1.30 | 3.6 | 7.9 | 172.0 | 53.4 | NA | NA | NA | NA | NA | NA |

September

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/1/2018 | 8.2 | 1.48 | 5.6 | 10.1 | 8.2 | 4.2 | NA | NA | NA | NA | NA | NA |
| 9/2/2018 | 6.4 | 1.55 | 4.8 | 9.5 | 14.5 | 6.5 | NA | NA | NA | NA | NA | NA |
| 9/3/2018 | 6.1 | 0.68 | 4.8 | 7.4 | 20.7 | 8.7 | NA | NA | NA | NA | NA | NA |
| 9/4/2018 | 9.4 | 1.74 | 7.0 | 12.2 | 30.1 | 14.1 | NA | NA | NA | NA | NA | NA |
| 9/5/2018 | 8.1 | 1.01 | 5.8 | 9.5 | 38.2 | 18.2 | NA | NA | NA | NA | NA | NA |
| 9/6/2018 | 10.9 | 4.75 | 4.5 | 17.1 | 49.1 | 25.1 | NA | NA | NA | NA | NA | NA |
| 9/7/2018 | 13.3 | 3.52 | 7.1 | 16.8 | 62.4 | 34.4 | NA | NA | NA | NA | NA | NA |
| 9/8/2018 | 14.4 | 2.72 | 6.3 | 16.1 | 76.7 | 44.7 | NA | NA | NA | NA | NA | NA |
| 9/9/2018 | 15.0 | 0.82 | 12.9 | 15.8 | 91.7 | 55.7 | NA | NA | NA | NA | NA | NA |
| 9/10/2018 | 13.3 | 1.91 | 9.5 | 15.4 | 105.0 | 65.0 | NA | NA | NA | NA | NA | NA |
| 9/11/2018 | 13.5 | 1.54 | 9.3 | 14.6 | 118.5 | 74.5 | NA | NA | NA | NA | NA | NA |
| 9/12/2018 | 7.4 | 3.00 | 4.3 | 13.1 | 125.9 | 77.9 | NA | NA | NA | NA | NA | NA |
| 9/13/2018 | 7.1 | 1.57 | 5.9 | 11.3 | 132.9 | 80.9 | NA | NA | NA | NA | NA | NA |
| 9/14/2018 | 6.7 | 0.31 | 6.3 | 7.2 | 139.7 | 83.7 | NA | NA | NA | NA | NA | NA |
| 9/15/2018 | 8.0 | 0.42 | 7.4 | 8.6 | 147.6 | 87.6 | NA | NA | NA | NA | NA | NA |
| 9/16/2018 | 8.4 | 0.20 | 8.1 | 8.7 | 156.1 | 92.1 | NA | NA | NA | NA | NA | NA |
| 9/17/2018 | 9.4 | 0.67 | 8.3 | 10.3 | 165.4 | 97.4 | NA | NA | NA | NA | NA | NA |
| 9/18/2018 | 6.5 | 0.93 | 4.8 | 7.6 | 171.9 | 99.9 | NA | NA | NA | NA | NA | NA |
| 9/19/2018 | 6.2 | 1.53 | 4.5 | 8.1 | 178.1 | 102.1 | NA | NA | NA | NA | NA | NA |
| 9/20/2018 | 9.9 | 1.12 | 8.2 | 11.3 | 188.0 | 108.0 | NA | NA | NA | NA | NA | NA |
| 9/21/2018 | 11.6 | 0.45 | 10.9 | 12.2 | 199.6 | 115.6 | NA | NA | NA | NA | NA | NA |
| 9/22/2018 | 12.3 | 1.26 | 9.9 | 13.3 | 211.9 | 123.9 | NA | NA | NA | NA | NA | NA |
| 9/23/2018 | 13.0 | 0.37 | 11.9 | 13.2 | 225.0 | 133.0 | NA | NA | NA | NA | NA | NA |
| 9/24/2018 | 12.2 | 0.15 | 11.9 | 12.5 | 237.1 | 141.1 | NA | NA | NA | NA | NA | NA |
| 9/25/2018 | 12.2 | 0.09 | 12.0 | 12.3 | 249.3 | 149.3 | NA | NA | NA | NA | NA | NA |
| 9/26/2018 | 6.4 | 4.28 | 1.6 | 12.3 | 255.7 | 151.7 | NA | NA | NA | NA | NA | NA |
| 9/27/2018 | 6.7 | 4.87 | 1.8 | 12.5 | 262.4 | 154.4 | NA | NA | NA | NA | NA | NA |
| 9/28/2018 | 8.7 | 2.26 | 2.7 | 10.9 | 271.1 | 159.1 | NA | NA | NA | NA | NA | NA |
| 9/29/2018 | 9.9 | 1.16 | 8.1 | 11.7 | 281.0 | 165.0 | NA | NA | NA | NA | NA | NA |
| 9/30/2018 | 8.5 | 3.05 | 4.5 | 11.7 | 289.6 | 169.6 | NA | NA | NA | NA | NA | NA |

October

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/1/2018 | 9.7 | 1.55 | 7.0 | 11.7 | 9.7 | 5.7 | NA | NA | NA | NA | NA | NA |
| 10/2/2018 | 10.6 | 0.52 | 9.7 | 11.5 | 20.3 | 12.3 | NA | NA | NA | NA | NA | NA |
| 10/3/2018 | 7.7 | 2.06 | 5.2 | 9.9 | 28.0 | 16.0 | NA | NA | NA | NA | NA | NA |
| 10/4/2018 | 7.4 | 1.00 | 5.8 | 9.1 | 35.4 | 19.4 | NA | NA | NA | NA | NA | NA |
| 10/5/2018 | 11.4 | 0.70 | 9.9 | 11.9 | 46.8 | 26.8 | NA | NA | NA | NA | NA | NA |
| 10/6/2018 | 11.4 | 0.26 | 10.9 | 11.6 | 58.2 | 34.2 | NA | NA | NA | NA | NA | NA |
| 10/7/2018 | 10.6 | 0.55 | 9.0 | 11.2 | 68.7 | 40.7 | NA | NA | NA | NA | NA | NA |
| 10/8/2018 | 10.7 | 0.28 | 10.4 | 11.3 | 79.4 | 47.4 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/9/2018 | 10.0 | 0.76 | 9.1 | 11.3 | 89.4 | 53.4 | NA | NA | NA | NA | NA | NA |
| 10/10/2018 | 9.9 | 0.74 | 8.6 | 10.9 | 99.3 | 59.3 | NA | NA | NA | NA | NA | NA |
| 10/11/2018 | 8.7 | 1.57 | 6.7 | 10.9 | 108.0 | 64.0 | NA | NA | NA | NA | NA | NA |
| 10/12/2018 | 6.6 | 0.55 | 5.7 | 7.3 | 114.6 | 66.6 | NA | NA | NA | NA | NA | NA |
| 10/13/2018 | 9.8 | 0.75 | 8.2 | 10.4 | 124.4 | 72.4 | NA | NA | NA | NA | NA | NA |
| 10/14/2018 | 10.0 | 0.22 | 9.7 | 10.3 | 134.3 | 78.3 | NA | NA | NA | NA | NA | NA |
| 10/15/2018 | 9.4 | 0.60 | 7.6 | 9.8 | 143.7 | 83.7 | NA | NA | NA | NA | NA | NA |
| 10/16/2018 | 8.5 | 1.67 | 5.6 | 9.6 | 152.2 | 88.2 | NA | NA | NA | NA | NA | NA |
| 10/17/2018 | 8.1 | 1.06 | 6.2 | 9.3 | 160.4 | 92.4 | NA | NA | NA | NA | NA | NA |
| 10/18/2018 | 8.2 | 0.62 | 6.4 | 8.6 | 168.5 | 96.5 | NA | NA | NA | NA | NA | NA |
| 10/19/2018 | 7.8 | 0.66 | 6.5 | 8.5 | 176.4 | 100.4 | NA | NA | NA | NA | NA | NA |
| 10/20/2018 | 7.0 | 0.24 | 6.6 | 7.4 | 183.4 | 103.4 | NA | NA | NA | NA | NA | NA |
| 10/21/2018 | 7.4 | 0.22 | 6.8 | 7.5 | 190.7 | 106.7 | NA | NA | NA | NA | NA | NA |
| 10/22/2018 | 7.2 | 0.15 | 7.0 | 7.4 | 197.9 | 109.9 | NA | NA | NA | NA | NA | NA |
| 10/23/2018 | 6.9 | 0.03 | 6.9 | 7.0 | 204.8 | 112.8 | NA | NA | NA | NA | NA | NA |
| 10/24/2018 | 6.7 | 0.30 | 6.0 | 6.9 | 211.4 | 115.4 | NA | NA | NA | NA | NA | NA |
| 10/25/2018 | 6.0 | 0.41 | 5.4 | 6.4 | 217.4 | 117.4 | NA | NA | NA | NA | NA | NA |
| 10/26/2018 | 6.3 | 0.06 | 6.2 | 6.4 | 223.7 | 119.7 | NA | NA | NA | NA | NA | NA |
| 10/27/2018 | 6.3 | 0.07 | 6.1 | 6.3 | 230.0 | 122.0 | NA | NA | NA | NA | NA | NA |
| 10/28/2018 | 5.7 | 0.72 | 4.5 | 6.3 | 235.6 | 123.6 | NA | NA | NA | NA | NA | NA |
| 10/29/2018 | 5.4 | 0.13 | 5.2 | 5.6 | 241.0 | 125.0 | NA | NA | NA | NA | NA | NA |
| 10/30/2018 | 5.7 | 0.20 | 5.3 | 5.8 | 246.7 | 126.7 | NA | NA | NA | NA | NA | NA |
| 10/31/2018 | 5.9 | 0.05 | 5.8 | 6.0 | 252.6 | 128.6 | NA | NA | NA | NA | NA | NA |

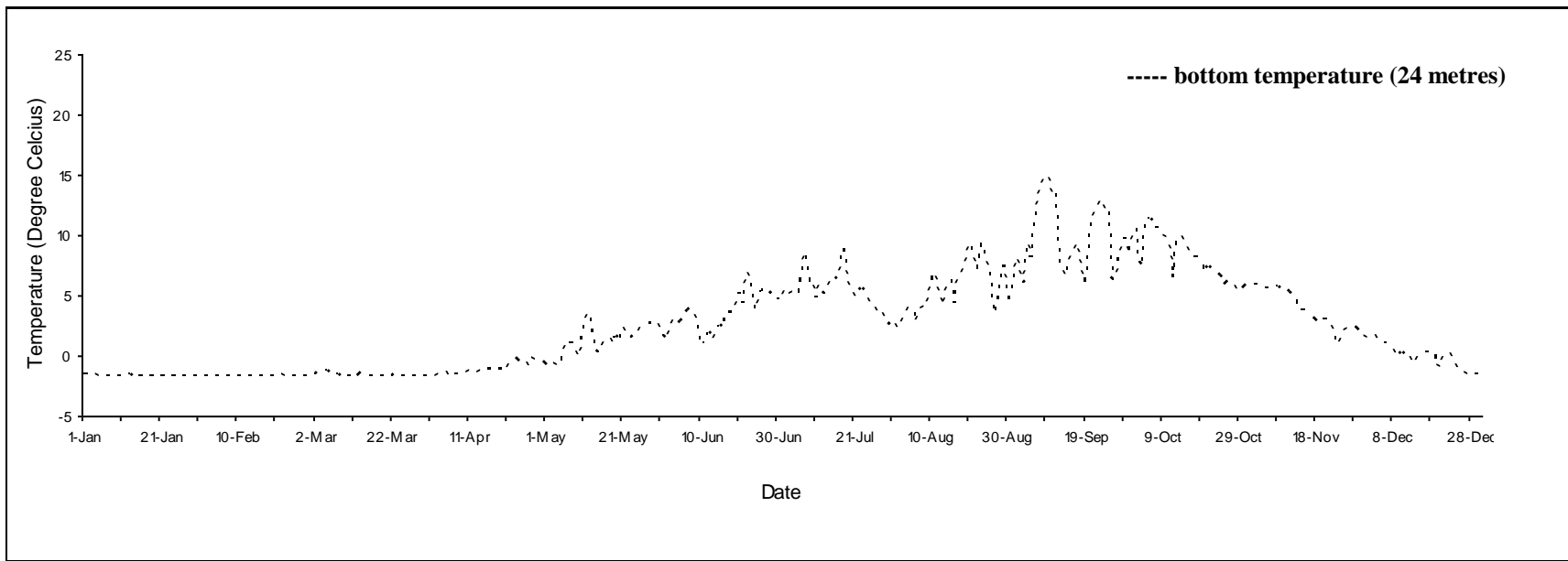
November

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 11/1/2018 | 6.0 | 0.03 | 5.9 | 6.0 | 6.0 | 2.0 | NA | NA | NA | NA | NA | NA |
| 11/2/2018 | 6.0 | 0.06 | 5.8 | 6.0 | 11.9 | 3.9 | NA | NA | NA | NA | NA | NA |
| 11/3/2018 | 5.9 | 0.07 | 5.8 | 6.0 | 17.9 | 5.9 | NA | NA | NA | NA | NA | NA |
| 11/4/2018 | 5.7 | 0.14 | 5.4 | 5.8 | 23.5 | 7.5 | NA | NA | NA | NA | NA | NA |
| 11/5/2018 | 5.6 | 0.07 | 5.6 | 5.8 | 29.2 | 9.2 | NA | NA | NA | NA | NA | NA |
| 11/6/2018 | 5.7 | 0.03 | 5.6 | 5.7 | 34.8 | 10.8 | NA | NA | NA | NA | NA | NA |
| 11/7/2018 | 5.6 | 0.05 | 5.6 | 5.8 | 40.5 | 12.5 | NA | NA | NA | NA | NA | NA |
| 11/8/2018 | 5.8 | 0.02 | 5.8 | 5.8 | 46.3 | 14.3 | NA | NA | NA | NA | NA | NA |
| 11/9/2018 | 5.7 | 0.06 | 5.6 | 5.8 | 51.9 | 15.9 | NA | NA | NA | NA | NA | NA |
| 11/10/2018 | 5.5 | 0.09 | 5.3 | 5.6 | 57.5 | 17.5 | NA | NA | NA | NA | NA | NA |
| 11/11/2018 | 5.4 | 0.07 | 5.3 | 5.5 | 62.9 | 18.9 | NA | NA | NA | NA | NA | NA |
| 11/12/2018 | 5.0 | 0.24 | 4.5 | 5.2 | 67.8 | 19.8 | NA | NA | NA | NA | NA | NA |
| 11/13/2018 | 4.1 | 0.22 | 3.8 | 4.3 | 71.9 | 19.9 | NA | NA | NA | NA | NA | NA |
| 11/14/2018 | 3.7 | 0.10 | 3.6 | 3.9 | 75.6 | 19.9 | NA | NA | NA | NA | NA | NA |
| 11/15/2018 | 3.7 | 0.12 | 3.5 | 3.9 | 79.4 | 19.9 | NA | NA | NA | NA | NA | NA |
| 11/16/2018 | 3.5 | 0.14 | 3.2 | 3.7 | 82.9 | 19.9 | NA | NA | NA | NA | NA | NA |
| 11/17/2018 | 3.1 | 0.08 | 3.0 | 3.2 | 86.0 | 19.9 | NA | NA | NA | NA | NA | NA |
| 11/18/2018 | 2.9 | 0.16 | 2.6 | 3.1 | 89.0 | 19.9 | NA | NA | NA | NA | NA | NA |
| 11/19/2018 | 3.0 | 0.10 | 2.7 | 3.1 | 91.9 | 19.9 | NA | NA | NA | NA | NA | NA |
| 11/20/2018 | 3.0 | 0.08 | 2.9 | 3.1 | 94.9 | 19.9 | NA | NA | NA | NA | NA | NA |
| 11/21/2018 | 3.0 | 0.22 | 2.3 | 3.1 | 97.9 | 19.9 | NA | NA | NA | NA | NA | NA |
| 11/22/2018 | 2.1 | 0.40 | 1.4 | 2.8 | 100.0 | 19.9 | NA | NA | NA | NA | NA | NA |
| 11/23/2018 | 1.0 | 0.35 | 0.5 | 1.6 | 101.0 | 19.9 | NA | NA | NA | NA | NA | NA |
| 11/24/2018 | 1.2 | 0.25 | 0.8 | 1.7 | 102.2 | 19.9 | NA | NA | NA | NA | NA | NA |
| 11/25/2018 | 2.1 | 0.24 | 1.6 | 2.3 | 104.2 | 19.9 | NA | NA | NA | NA | NA | NA |
| 11/26/2018 | 2.2 | 0.02 | 2.2 | 2.2 | 106.5 | 19.9 | NA | NA | NA | NA | NA | NA |
| 11/27/2018 | 2.2 | 0.06 | 2.1 | 2.3 | 108.6 | 19.9 | NA | NA | NA | NA | NA | NA |
| 11/28/2018 | 2.4 | 0.18 | 2.1 | 2.7 | 111.0 | 19.9 | NA | NA | NA | NA | NA | NA |
| 11/29/2018 | 2.1 | 0.14 | 2.0 | 2.3 | 113.2 | 19.9 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 11/30/2018 | 1.7 | 0.11 | 1.6 | 2.0 | 114.9 | 19.9 | NA | NA | NA | NA | NA | NA |

December

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 12/1/2018 | 1.5 | 0.22 | 1.1 | 1.8 | 1.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/2/2018 | 1.8 | 0.09 | 1.7 | 2.0 | 3.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/3/2018 | 1.8 | 0.10 | 1.6 | 2.0 | 5.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/4/2018 | 1.4 | 0.15 | 1.1 | 1.6 | 6.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/5/2018 | 1.2 | 0.11 | 1.1 | 1.5 | 7.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/6/2018 | 1.1 | 0.23 | 0.6 | 1.4 | 8.9 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/7/2018 | 1.1 | 0.23 | 0.7 | 1.4 | 10.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/8/2018 | 0.7 | 0.25 | 0.2 | 0.9 | 10.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/9/2018 | -0.1 | 0.51 | -0.5 | 1.2 | 10.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/10/2018 | 0.3 | 0.43 | -0.3 | 1.0 | 11.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/11/2018 | -0.1 | 0.37 | -0.7 | 0.5 | 11.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/12/2018 | 0.2 | 0.46 | -0.8 | 0.8 | 11.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/13/2018 | -0.6 | 0.44 | -1.3 | 0.1 | 11.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/14/2018 | -0.2 | 0.36 | -0.8 | 0.2 | 11.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/15/2018 | 0.2 | 0.07 | 0.1 | 0.3 | 11.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/16/2018 | 0.2 | 0.14 | -0.1 | 0.3 | 11.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/17/2018 | 0.3 | 0.18 | 0.2 | 0.8 | 11.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/18/2018 | 0.4 | 0.54 | -0.4 | 0.9 | 12.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/19/2018 | -0.8 | 0.46 | -1.5 | -0.2 | 12.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/20/2018 | -0.9 | 0.37 | -1.5 | -0.4 | 12.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/21/2018 | 0.0 | 0.15 | -0.4 | 0.1 | 12.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/22/2018 | 0.4 | 0.14 | 0.1 | 0.5 | 12.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/23/2018 | -0.1 | 0.28 | -0.5 | 0.4 | 12.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/24/2018 | -0.7 | 0.34 | -1.3 | -0.3 | 12.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/25/2018 | -1.0 | 0.17 | -1.3 | -0.7 | 12.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/26/2018 | -1.4 | 0.09 | -1.6 | -1.3 | 12.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/27/2018 | -1.6 | 0.08 | -1.6 | -1.4 | 12.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/28/2018 | -1.6 | 0.02 | -1.6 | -1.6 | 12.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/29/2018 | -1.5 | 0.08 | -1.6 | -1.3 | 12.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/30/2018 | -1.5 | 0.06 | -1.6 | -1.4 | 12.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/31/2018 | -1.6 | 0.03 | -1.6 | -1.5 | 12.6 | 0.0 | NA | NA | NA | NA | NA | NA |



Daily mean temperature for Anse Bleue 3, N.B., 2018.

Arisaig, N.S.

2018

May

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 5/5/2018 | 3.3 | 0.53 | 2.4 | 4.1 | 3.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/6/2018 | 4.2 | 0.16 | 4.0 | 4.5 | 7.5 | 0.2 | NA | NA | NA | NA | NA | NA |
| 5/7/2018 | 4.2 | 0.15 | 3.9 | 4.5 | 11.7 | 0.4 | NA | NA | NA | NA | NA | NA |
| 5/8/2018 | 4.6 | 0.62 | 3.8 | 5.4 | 16.3 | 1.0 | NA | NA | NA | NA | NA | NA |
| 5/9/2018 | 5.1 | 0.42 | 4.1 | 5.5 | 21.4 | 2.1 | NA | NA | NA | NA | NA | NA |
| 5/10/2018 | 3.7 | 0.40 | 3.1 | 4.4 | 25.1 | 2.1 | NA | NA | NA | NA | NA | NA |
| 5/11/2018 | 4.8 | 0.46 | 3.9 | 5.3 | 30.0 | 2.9 | NA | NA | NA | NA | NA | NA |
| 5/12/2018 | 5.1 | 0.25 | 4.7 | 5.5 | 35.0 | 4.0 | NA | NA | NA | NA | NA | NA |
| 5/13/2018 | 5.6 | 0.20 | 5.2 | 5.9 | 40.6 | 5.6 | NA | NA | NA | NA | NA | NA |
| 5/14/2018 | 6.0 | 0.36 | 5.2 | 6.4 | 46.6 | 7.6 | NA | NA | NA | NA | NA | NA |
| 5/15/2018 | 6.6 | 0.22 | 6.4 | 7.0 | 53.3 | 10.2 | NA | NA | NA | NA | NA | NA |
| 5/16/2018 | 6.6 | 0.28 | 6.0 | 6.9 | 59.9 | 12.9 | NA | NA | NA | NA | NA | NA |
| 5/17/2018 | 6.1 | 0.29 | 5.4 | 6.3 | 66.0 | 14.9 | NA | NA | NA | NA | NA | NA |
| 5/18/2018 | 6.2 | 0.38 | 5.4 | 6.6 | 72.2 | 17.1 | NA | NA | NA | NA | NA | NA |
| 5/19/2018 | 5.9 | 0.39 | 5.2 | 6.3 | 78.1 | 19.0 | NA | NA | NA | NA | NA | NA |
| 5/20/2018 | 6.3 | 0.06 | 6.2 | 6.4 | 84.3 | 21.3 | NA | NA | NA | NA | NA | NA |
| 5/21/2018 | 6.5 | 0.28 | 6.2 | 7.1 | 90.8 | 23.8 | NA | NA | NA | NA | NA | NA |
| 5/22/2018 | 6.4 | 0.34 | 5.8 | 6.9 | 97.2 | 26.2 | NA | NA | NA | NA | NA | NA |
| 5/23/2018 | 6.8 | 0.24 | 6.4 | 7.1 | 104.0 | 29.0 | NA | NA | NA | NA | NA | NA |
| 5/24/2018 | 6.8 | 0.20 | 6.5 | 7.0 | 110.7 | 31.7 | NA | NA | NA | NA | NA | NA |
| 5/25/2018 | 7.2 | 0.05 | 7.1 | 7.3 | 117.9 | 34.9 | NA | NA | NA | NA | NA | NA |
| 5/26/2018 | 7.0 | 0.25 | 6.6 | 7.3 | 124.9 | 37.9 | NA | NA | NA | NA | NA | NA |
| 5/27/2018 | 6.6 | 0.36 | 6.0 | 7.1 | 131.5 | 40.5 | NA | NA | NA | NA | NA | NA |
| 5/28/2018 | 7.2 | 0.45 | 6.2 | 7.8 | 138.6 | 43.6 | NA | NA | NA | NA | NA | NA |
| 5/29/2018 | 7.8 | 0.18 | 7.6 | 8.1 | 146.4 | 47.4 | NA | NA | NA | NA | NA | NA |
| 5/30/2018 | 8.0 | 0.12 | 7.7 | 8.2 | 154.4 | 51.4 | NA | NA | NA | NA | NA | NA |
| 5/31/2018 | 8.4 | 0.20 | 7.9 | 8.7 | 162.8 | 55.8 | NA | NA | NA | NA | NA | NA |

June

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/1/2018 | 8.4 | 0.25 | 8.0 | 8.9 | 8.4 | 4.4 | NA | NA | NA | NA | NA | NA |
| 6/2/2018 | 8.4 | 0.82 | 7.3 | 9.6 | 16.8 | 8.8 | NA | NA | NA | NA | NA | NA |
| 6/3/2018 | 8.8 | 0.24 | 8.5 | 9.2 | 25.6 | 13.6 | NA | NA | NA | NA | NA | NA |
| 6/4/2018 | 7.6 | 0.38 | 7.0 | 8.1 | 33.2 | 17.2 | NA | NA | NA | NA | NA | NA |
| 6/5/2018 | 7.0 | 0.33 | 6.7 | 7.7 | 40.2 | 20.2 | NA | NA | NA | NA | NA | NA |
| 6/6/2018 | 6.9 | 0.15 | 6.8 | 7.3 | 47.1 | 23.1 | NA | NA | NA | NA | NA | NA |
| 6/7/2018 | 7.5 | 0.19 | 7.3 | 7.8 | 54.6 | 26.6 | NA | NA | NA | NA | NA | NA |
| 6/8/2018 | 8.7 | 0.43 | 7.7 | 9.3 | 63.3 | 31.3 | NA | NA | NA | NA | NA | NA |
| 6/9/2018 | 9.3 | 0.14 | 9.1 | 9.5 | 72.6 | 36.6 | NA | NA | NA | NA | NA | NA |
| 6/10/2018 | 9.2 | 0.53 | 8.6 | 10.4 | 81.8 | 41.8 | NA | NA | NA | NA | NA | NA |
| 6/11/2018 | 9.3 | 0.42 | 8.5 | 9.8 | 91.0 | 47.0 | NA | NA | NA | NA | NA | NA |
| 6/12/2018 | 10.0 | 0.33 | 9.6 | 10.6 | 101.0 | 53.0 | NA | NA | NA | NA | NA | NA |
| 6/13/2018 | 10.3 | 0.40 | 9.3 | 10.7 | 111.3 | 59.3 | NA | NA | NA | NA | NA | NA |
| 6/14/2018 | 9.3 | 0.20 | 9.1 | 9.7 | 120.6 | 64.6 | NA | NA | NA | NA | NA | NA |
| 6/15/2018 | 9.2 | 0.47 | 8.4 | 10.1 | 129.8 | 69.8 | NA | NA | NA | NA | NA | NA |
| 6/16/2018 | 10.0 | 0.37 | 9.3 | 10.5 | 139.8 | 75.8 | NA | NA | NA | NA | NA | NA |
| 6/17/2018 | 10.1 | 0.31 | 9.8 | 10.6 | 149.9 | 81.9 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/18/2018 | 10.0 | 0.37 | 9.4 | 10.6 | 159.9 | 87.9 | NA | NA | NA | NA | NA | NA |
| 6/19/2018 | 10.1 | 0.20 | 9.9 | 10.4 | 170.0 | 94.0 | NA | NA | NA | NA | NA | NA |
| 6/20/2018 | 10.7 | 0.30 | 10.3 | 11.4 | 180.7 | 100.7 | NA | NA | NA | NA | NA | NA |
| 6/21/2018 | 11.5 | 0.21 | 11.1 | 11.8 | 192.2 | 108.2 | NA | NA | NA | NA | NA | NA |
| 6/22/2018 | 11.3 | 0.24 | 10.8 | 11.8 | 203.5 | 115.5 | NA | NA | NA | NA | NA | NA |
| 6/23/2018 | 12.2 | 0.37 | 11.5 | 12.6 | 215.7 | 123.7 | NA | NA | NA | NA | NA | NA |
| 6/24/2018 | 12.3 | 0.15 | 12.1 | 12.5 | 227.9 | 131.9 | NA | NA | NA | NA | NA | NA |
| 6/25/2018 | 11.7 | 0.53 | 10.6 | 12.1 | 239.6 | 139.6 | NA | NA | NA | NA | NA | NA |
| 6/26/2018 | 10.7 | 0.57 | 10.1 | 11.6 | 250.4 | 146.4 | NA | NA | NA | NA | NA | NA |
| 6/27/2018 | 12.1 | 0.54 | 11.4 | 12.9 | 262.5 | 154.5 | NA | NA | NA | NA | NA | NA |
| 6/28/2018 | 12.8 | 0.14 | 12.6 | 13.0 | 275.2 | 163.2 | NA | NA | NA | NA | NA | NA |
| 6/29/2018 | 13.2 | 0.19 | 12.9 | 13.5 | 288.4 | 172.4 | NA | NA | NA | NA | NA | NA |
| 6/30/2018 | 13.4 | 0.17 | 13.1 | 13.7 | 301.9 | 181.9 | NA | NA | NA | NA | NA | NA |

July

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/1/2018 | 13.6 | 0.33 | 13.0 | 14.0 | 13.6 | 9.6 | NA | NA | NA | NA | NA | NA |
| 7/2/2018 | 13.8 | 0.38 | 12.9 | 14.5 | 27.4 | 19.4 | NA | NA | NA | NA | NA | NA |
| 7/3/2018 | 14.8 | 0.66 | 13.2 | 15.6 | 42.2 | 30.2 | NA | NA | NA | NA | NA | NA |
| 7/4/2018 | 15.0 | 0.60 | 13.4 | 15.6 | 57.2 | 41.2 | NA | NA | NA | NA | NA | NA |
| 7/5/2018 | 14.6 | 0.91 | 13.1 | 15.6 | 71.8 | 51.8 | NA | NA | NA | NA | NA | NA |
| 7/6/2018 | 16.7 | 1.23 | 13.9 | 17.5 | 88.6 | 64.6 | NA | NA | NA | NA | NA | NA |
| 7/7/2018 | 17.1 | 0.33 | 16.6 | 17.6 | 105.7 | 77.7 | NA | NA | NA | NA | NA | NA |
| 7/8/2018 | 16.2 | 0.39 | 15.5 | 16.7 | 121.8 | 89.8 | NA | NA | NA | NA | NA | NA |
| 7/9/2018 | 16.7 | 0.31 | 16.2 | 17.3 | 138.5 | 102.5 | NA | NA | NA | NA | NA | NA |
| 7/10/2018 | 17.2 | 0.31 | 16.8 | 17.6 | 155.7 | 115.7 | NA | NA | NA | NA | NA | NA |
| 7/11/2018 | 17.2 | 0.48 | 16.2 | 17.8 | 172.9 | 128.9 | NA | NA | NA | NA | NA | NA |
| 7/12/2018 | 16.2 | 0.38 | 15.4 | 16.8 | 189.1 | 141.1 | NA | NA | NA | NA | NA | NA |
| 7/13/2018 | 16.7 | 0.28 | 16.1 | 17.3 | 205.8 | 153.8 | NA | NA | NA | NA | NA | NA |
| 7/14/2018 | 16.8 | 0.73 | 15.6 | 17.6 | 222.6 | 166.6 | NA | NA | NA | NA | NA | NA |
| 7/15/2018 | 16.0 | 0.81 | 14.1 | 17.1 | 238.6 | 178.6 | NA | NA | NA | NA | NA | NA |
| 7/16/2018 | 15.8 | 0.70 | 14.7 | 16.9 | 254.4 | 190.4 | NA | NA | NA | NA | NA | NA |
| 7/17/2018 | 15.5 | 0.51 | 14.9 | 16.6 | 269.9 | 201.9 | NA | NA | NA | NA | NA | NA |
| 7/18/2018 | 17.3 | 1.10 | 15.1 | 18.2 | 287.2 | 215.2 | NA | NA | NA | NA | NA | NA |
| 7/19/2018 | 16.3 | 0.96 | 15.0 | 18.2 | 303.5 | 227.5 | NA | NA | NA | NA | NA | NA |
| 7/20/2018 | 15.8 | 0.75 | 14.8 | 17.4 | 319.3 | 239.3 | NA | NA | NA | NA | NA | NA |
| 7/21/2018 | 15.9 | 0.92 | 14.9 | 17.4 | 335.2 | 251.2 | NA | NA | NA | NA | NA | NA |
| 7/22/2018 | 17.3 | 0.54 | 16.0 | 18.0 | 352.4 | 264.4 | NA | NA | NA | NA | NA | NA |
| 7/23/2018 | 18.6 | 0.99 | 17.4 | 20.0 | 371.0 | 279.0 | NA | NA | NA | NA | NA | NA |
| 7/24/2018 | 19.0 | 1.11 | 16.1 | 20.2 | 390.0 | 294.0 | NA | NA | NA | NA | NA | NA |
| 7/25/2018 | 19.6 | 0.45 | 18.9 | 20.1 | 409.6 | 309.6 | NA | NA | NA | NA | NA | NA |
| 7/26/2018 | 19.6 | 0.33 | 19.0 | 20.1 | 429.2 | 325.2 | NA | NA | NA | NA | NA | NA |
| 7/27/2018 | 19.0 | 0.28 | 18.6 | 19.6 | 448.2 | 340.2 | NA | NA | NA | NA | NA | NA |
| 7/28/2018 | 18.8 | 0.50 | 18.0 | 19.8 | 467.1 | 355.1 | NA | NA | NA | NA | NA | NA |
| 7/29/2018 | 18.6 | 1.15 | 16.4 | 20.0 | 485.7 | 369.7 | NA | NA | NA | NA | NA | NA |
| 7/30/2018 | 19.1 | 1.32 | 16.5 | 20.4 | 504.7 | 384.7 | NA | NA | NA | NA | NA | NA |
| 7/31/2018 | 19.4 | 1.57 | 15.9 | 20.5 | 524.1 | 400.1 | NA | NA | NA | NA | NA | NA |

August

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/1/2018 | 19.0 | 1.86 | 15.9 | 21.0 | 19.0 | 15.0 | NA | NA | NA | NA | NA | NA |
| 8/2/2018 | 19.4 | 1.39 | 16.2 | 20.8 | 38.4 | 30.4 | NA | NA | NA | NA | NA | NA |
| 8/3/2018 | 20.6 | 0.39 | 19.6 | 21.1 | 59.0 | 47.0 | NA | NA | NA | NA | NA | NA |
| 8/4/2018 | 20.1 | 1.47 | 16.7 | 21.3 | 79.1 | 63.1 | NA | NA | NA | NA | NA | NA |
| 8/5/2018 | 20.1 | 1.45 | 17.5 | 21.7 | 99.2 | 79.2 | NA | NA | NA | NA | NA | NA |
| 8/6/2018 | 19.2 | 2.03 | 15.6 | 21.6 | 118.4 | 94.4 | NA | NA | NA | NA | NA | NA |
| 8/7/2018 | 19.2 | 1.40 | 17.5 | 21.3 | 137.6 | 109.6 | NA | NA | NA | NA | NA | NA |
| 8/8/2018 | 19.2 | 1.67 | 16.0 | 21.0 | 156.8 | 124.8 | NA | NA | NA | NA | NA | NA |
| 8/9/2018 | 19.1 | 1.98 | 16.0 | 21.9 | 175.9 | 139.9 | NA | NA | NA | NA | NA | NA |
| 8/10/2018 | 20.1 | 2.15 | 15.6 | 22.0 | 196.0 | 156.0 | NA | NA | NA | NA | NA | NA |
| 8/11/2018 | 19.8 | 1.71 | 16.7 | 21.6 | 215.8 | 171.8 | NA | NA | NA | NA | NA | NA |
| 8/12/2018 | 18.6 | 2.25 | 13.4 | 21.3 | 234.4 | 186.4 | NA | NA | NA | NA | NA | NA |
| 8/13/2018 | 18.0 | 1.89 | 15.3 | 20.7 | 252.3 | 200.3 | NA | NA | NA | NA | NA | NA |
| 8/14/2018 | 17.7 | 1.21 | 15.3 | 19.5 | 270.0 | 214.0 | NA | NA | NA | NA | NA | NA |
| 8/15/2018 | 18.2 | 1.69 | 16.2 | 20.8 | 288.2 | 228.2 | NA | NA | NA | NA | NA | NA |
| 8/16/2018 | 18.5 | 1.81 | 15.9 | 20.7 | 306.7 | 242.7 | NA | NA | NA | NA | NA | NA |
| 8/17/2018 | 17.9 | 1.18 | 16.1 | 20.2 | 324.6 | 256.6 | NA | NA | NA | NA | NA | NA |
| 8/18/2018 | 17.8 | 1.05 | 16.3 | 19.8 | 342.4 | 270.4 | NA | NA | NA | NA | NA | NA |
| 8/19/2018 | 17.0 | 1.08 | 15.8 | 19.5 | 359.4 | 283.4 | NA | NA | NA | NA | NA | NA |
| 8/20/2018 | 17.3 | 0.64 | 16.7 | 18.7 | 376.7 | 296.7 | NA | NA | NA | NA | NA | NA |
| 8/21/2018 | 17.8 | 0.45 | 17.0 | 18.4 | 394.4 | 310.4 | NA | NA | NA | NA | NA | NA |
| 8/22/2018 | 17.7 | 1.30 | 14.1 | 19.0 | 412.1 | 324.1 | NA | NA | NA | NA | NA | NA |
| 8/23/2018 | 19.1 | 0.82 | 16.8 | 19.9 | 431.2 | 339.2 | NA | NA | NA | NA | NA | NA |
| 8/24/2018 | 19.3 | 1.05 | 17.5 | 20.6 | 450.4 | 354.4 | NA | NA | NA | NA | NA | NA |
| 8/25/2018 | 18.6 | 2.18 | 14.7 | 20.8 | 469.0 | 369.0 | NA | NA | NA | NA | NA | NA |
| 8/26/2018 | 17.9 | 1.88 | 15.5 | 20.8 | 486.9 | 382.9 | NA | NA | NA | NA | NA | NA |
| 8/27/2018 | 17.2 | 1.65 | 15.0 | 20.1 | 504.1 | 396.1 | NA | NA | NA | NA | NA | NA |
| 8/28/2018 | 16.6 | 1.82 | 14.0 | 19.2 | 520.7 | 408.7 | NA | NA | NA | NA | NA | NA |
| 8/29/2018 | 17.3 | 1.66 | 15.2 | 20.2 | 538.0 | 422.0 | NA | NA | NA | NA | NA | NA |
| 8/30/2018 | 18.5 | 1.27 | 15.8 | 19.6 | 556.5 | 436.5 | NA | NA | NA | NA | NA | NA |
| 8/31/2018 | 17.2 | 1.57 | 14.7 | 19.2 | 573.7 | 449.7 | NA | NA | NA | NA | NA | NA |

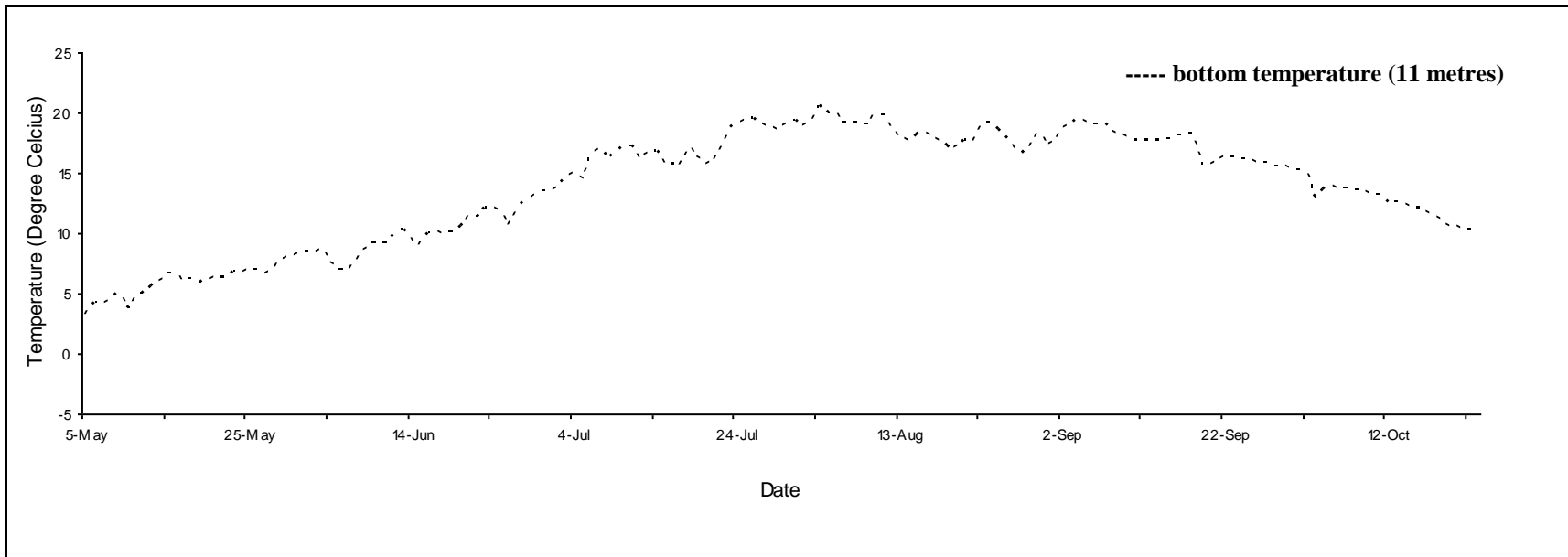
September

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/1/2018 | 17.8 | 1.10 | 15.9 | 19.3 | 17.8 | 13.8 | NA | NA | NA | NA | NA | NA |
| 9/2/2018 | 18.8 | 0.66 | 17.4 | 19.4 | 36.5 | 28.5 | NA | NA | NA | NA | NA | NA |
| 9/3/2018 | 19.0 | 0.58 | 17.8 | 19.8 | 55.6 | 43.6 | NA | NA | NA | NA | NA | NA |
| 9/4/2018 | 19.6 | 0.09 | 19.5 | 19.7 | 75.2 | 59.2 | NA | NA | NA | NA | NA | NA |
| 9/5/2018 | 19.2 | 0.36 | 18.5 | 19.5 | 94.3 | 74.3 | NA | NA | NA | NA | NA | NA |
| 9/6/2018 | 19.0 | 1.11 | 15.6 | 19.5 | 113.4 | 89.4 | NA | NA | NA | NA | NA | NA |
| 9/7/2018 | 19.3 | 0.23 | 18.7 | 19.5 | 132.6 | 104.6 | NA | NA | NA | NA | NA | NA |
| 9/8/2018 | 18.5 | 0.82 | 16.9 | 19.4 | 151.1 | 119.1 | NA | NA | NA | NA | NA | NA |
| 9/9/2018 | 18.3 | 0.21 | 18.0 | 18.6 | 169.5 | 133.5 | NA | NA | NA | NA | NA | NA |
| 9/10/2018 | 17.9 | 0.25 | 17.7 | 18.6 | 187.4 | 147.4 | NA | NA | NA | NA | NA | NA |
| 9/11/2018 | 17.8 | 0.24 | 17.3 | 18.0 | 205.2 | 161.2 | NA | NA | NA | NA | NA | NA |
| 9/12/2018 | 17.8 | 0.20 | 17.4 | 18.0 | 223.0 | 175.0 | NA | NA | NA | NA | NA | NA |
| 9/13/2018 | 17.8 | 0.12 | 17.5 | 18.0 | 240.8 | 188.8 | NA | NA | NA | NA | NA | NA |
| 9/14/2018 | 17.7 | 0.29 | 17.2 | 18.3 | 258.5 | 202.5 | NA | NA | NA | NA | NA | NA |
| 9/15/2018 | 17.8 | 0.37 | 17.1 | 18.2 | 276.3 | 216.3 | NA | NA | NA | NA | NA | NA |
| 9/16/2018 | 18.2 | 0.21 | 17.9 | 18.6 | 294.6 | 230.6 | NA | NA | NA | NA | NA | NA |
| 9/17/2018 | 18.2 | 0.17 | 18.0 | 18.5 | 312.7 | 244.7 | NA | NA | NA | NA | NA | NA |
| 9/18/2018 | 18.4 | 0.16 | 18.1 | 18.6 | 331.1 | 259.1 | NA | NA | NA | NA | NA | NA |
| 9/19/2018 | 15.7 | 1.05 | 14.8 | 17.7 | 346.8 | 270.8 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/20/2018 | 15.5 | 0.24 | 15.2 | 15.9 | 362.4 | 282.4 | NA | NA | NA | NA | NA | NA |
| 9/21/2018 | 16.1 | 0.27 | 15.6 | 16.5 | 378.5 | 294.5 | NA | NA | NA | NA | NA | NA |
| 9/22/2018 | 16.3 | 0.14 | 16.1 | 16.5 | 394.9 | 306.9 | NA | NA | NA | NA | NA | NA |
| 9/23/2018 | 16.4 | 0.06 | 16.3 | 16.5 | 411.3 | 319.3 | NA | NA | NA | NA | NA | NA |
| 9/24/2018 | 16.3 | 0.08 | 16.1 | 16.4 | 427.5 | 331.5 | NA | NA | NA | NA | NA | NA |
| 9/25/2018 | 16.0 | 0.06 | 15.9 | 16.1 | 443.5 | 343.5 | NA | NA | NA | NA | NA | NA |
| 9/26/2018 | 15.8 | 0.06 | 15.7 | 15.9 | 459.4 | 355.4 | NA | NA | NA | NA | NA | NA |
| 9/27/2018 | 15.9 | 0.03 | 15.9 | 15.9 | 475.3 | 367.3 | NA | NA | NA | NA | NA | NA |
| 9/28/2018 | 15.5 | 0.38 | 14.7 | 15.9 | 490.8 | 378.8 | NA | NA | NA | NA | NA | NA |
| 9/29/2018 | 15.6 | 0.04 | 15.6 | 15.7 | 506.4 | 390.4 | NA | NA | NA | NA | NA | NA |
| 9/30/2018 | 15.5 | 0.06 | 15.4 | 15.6 | 521.9 | 401.9 | NA | NA | NA | NA | NA | NA |

October

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/1/2018 | 15.3 | 0.05 | 15.3 | 15.4 | 15.3 | 11.3 | NA | NA | NA | NA | NA | NA |
| 10/2/2018 | 15.1 | 0.34 | 14.2 | 15.3 | 30.4 | 22.4 | NA | NA | NA | NA | NA | NA |
| 10/3/2018 | 13.1 | 1.17 | 10.8 | 14.7 | 43.5 | 31.5 | NA | NA | NA | NA | NA | NA |
| 10/4/2018 | 13.6 | 0.20 | 13.2 | 13.8 | 57.0 | 41.0 | NA | NA | NA | NA | NA | NA |
| 10/5/2018 | 14.0 | 0.10 | 13.8 | 14.1 | 71.0 | 51.0 | NA | NA | NA | NA | NA | NA |
| 10/6/2018 | 13.8 | 0.05 | 13.7 | 13.9 | 84.8 | 60.8 | NA | NA | NA | NA | NA | NA |
| 10/7/2018 | 13.8 | 0.05 | 13.7 | 13.8 | 98.6 | 70.6 | NA | NA | NA | NA | NA | NA |
| 10/8/2018 | 13.6 | 0.05 | 13.6 | 13.7 | 112.2 | 80.2 | NA | NA | NA | NA | NA | NA |
| 10/9/2018 | 13.4 | 0.05 | 13.4 | 13.5 | 125.7 | 89.7 | NA | NA | NA | NA | NA | NA |
| 10/10/2018 | 13.4 | 0.04 | 13.3 | 13.5 | 139.0 | 99.0 | NA | NA | NA | NA | NA | NA |
| 10/11/2018 | 13.2 | 0.09 | 12.9 | 13.2 | 152.2 | 108.2 | NA | NA | NA | NA | NA | NA |
| 10/12/2018 | 12.4 | 0.56 | 11.3 | 13.0 | 164.6 | 116.6 | NA | NA | NA | NA | NA | NA |
| 10/13/2018 | 12.6 | 0.05 | 12.6 | 12.7 | 177.2 | 125.2 | NA | NA | NA | NA | NA | NA |
| 10/14/2018 | 12.4 | 0.13 | 12.1 | 12.6 | 189.6 | 133.6 | NA | NA | NA | NA | NA | NA |
| 10/15/2018 | 12.2 | 0.12 | 12.0 | 12.3 | 201.7 | 141.7 | NA | NA | NA | NA | NA | NA |
| 10/16/2018 | 12.1 | 0.09 | 11.9 | 12.2 | 213.8 | 149.8 | NA | NA | NA | NA | NA | NA |
| 10/17/2018 | 11.7 | 0.04 | 11.7 | 11.8 | 225.5 | 157.5 | NA | NA | NA | NA | NA | NA |
| 10/18/2018 | 11.4 | 0.16 | 11.1 | 11.6 | 236.9 | 164.9 | NA | NA | NA | NA | NA | NA |
| 10/19/2018 | 10.7 | 0.13 | 10.6 | 11.0 | 247.6 | 171.6 | NA | NA | NA | NA | NA | NA |
| 10/20/2018 | 10.5 | 0.10 | 10.4 | 10.6 | 258.2 | 178.2 | NA | NA | NA | NA | NA | NA |
| 10/21/2018 | 10.5 | 0.05 | 10.4 | 10.6 | 268.7 | 184.7 | NA | NA | NA | NA | NA | NA |
| 10/22/2018 | 10.3 | 0.10 | 10.2 | 10.5 | 279.0 | 191.0 | NA | NA | NA | NA | NA | NA |
| 10/23/2018 | 10.0 | 0.10 | 9.8 | 10.2 | 289.0 | 197.0 | NA | NA | NA | NA | NA | NA |



Daily mean temperature for Arisaig, N.S., 2018.

Aulds Cove, N.S.

2018

May

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 5/10/2018 | 0.2 | 0.67 | -0.4 | 2.0 | 0.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/11/2018 | 1.1 | 1.03 | -0.1 | 3.0 | 1.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/12/2018 | 2.1 | 1.01 | 0.6 | 3.3 | 3.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/13/2018 | 0.8 | 0.42 | 0.2 | 1.4 | 4.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/14/2018 | 1.1 | 0.29 | 0.7 | 1.5 | 5.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/15/2018 | 1.9 | 0.43 | 1.4 | 2.6 | 7.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/16/2018 | 4.0 | 1.83 | 1.6 | 6.4 | 11.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/17/2018 | 2.3 | 0.59 | 1.5 | 3.2 | 13.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/18/2018 | 3.1 | 0.86 | 2.3 | 4.6 | 16.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/19/2018 | 2.2 | 0.78 | 1.2 | 3.6 | 18.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/20/2018 | 2.1 | 0.63 | 1.0 | 2.8 | 20.9 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/21/2018 | 2.9 | 1.16 | 1.0 | 4.1 | 23.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/22/2018 | 5.0 | 0.73 | 4.2 | 6.4 | 28.8 | 1.1 | NA | NA | NA | NA | NA | NA |
| 5/23/2018 | 4.3 | 0.61 | 3.5 | 5.3 | 33.1 | 1.4 | NA | NA | NA | NA | NA | NA |
| 5/24/2018 | 6.9 | 0.98 | 4.8 | 7.8 | 40.0 | 4.3 | NA | NA | NA | NA | NA | NA |
| 5/25/2018 | 8.0 | 0.09 | 7.8 | 8.1 | 48.0 | 8.3 | NA | NA | NA | NA | NA | NA |
| 5/26/2018 | 6.0 | 1.34 | 4.6 | 8.1 | 54.0 | 10.2 | NA | NA | NA | NA | NA | NA |
| 5/27/2018 | 7.1 | 0.70 | 5.9 | 7.8 | 61.0 | 13.3 | NA | NA | NA | NA | NA | NA |
| 5/28/2018 | 4.7 | 1.92 | 2.2 | 7.4 | 65.8 | 14.0 | NA | NA | NA | NA | NA | NA |
| 5/29/2018 | 3.6 | 0.95 | 2.6 | 5.4 | 69.4 | 14.0 | NA | NA | NA | NA | NA | NA |
| 5/30/2018 | 7.2 | 0.43 | 5.9 | 7.5 | 76.6 | 17.3 | NA | NA | NA | NA | NA | NA |
| 5/31/2018 | 7.7 | 0.06 | 7.6 | 7.8 | 84.3 | 20.9 | NA | NA | NA | NA | NA | NA |

June

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/1/2018 | 7.0 | 0.50 | 6.3 | 7.5 | 7.0 | 3.0 | NA | NA | NA | NA | NA | NA |
| 6/2/2018 | 5.6 | 0.45 | 5.0 | 6.5 | 12.6 | 4.6 | NA | NA | NA | NA | NA | NA |
| 6/3/2018 | 6.6 | 0.95 | 4.9 | 7.5 | 19.3 | 7.3 | NA | NA | NA | NA | NA | NA |
| 6/4/2018 | 7.5 | 0.07 | 7.3 | 7.6 | 26.8 | 10.8 | NA | NA | NA | NA | NA | NA |
| 6/5/2018 | 7.4 | 0.15 | 7.1 | 7.6 | 34.2 | 14.2 | NA | NA | NA | NA | NA | NA |
| 6/6/2018 | 6.5 | 0.36 | 5.7 | 7.1 | 40.7 | 16.7 | NA | NA | NA | NA | NA | NA |
| 6/7/2018 | 5.7 | 0.12 | 5.5 | 5.9 | 46.3 | 18.3 | NA | NA | NA | NA | NA | NA |
| 6/8/2018 | 6.0 | 0.14 | 5.7 | 6.2 | 52.3 | 20.3 | NA | NA | NA | NA | NA | NA |
| 6/9/2018 | 6.5 | 0.34 | 6.1 | 7.2 | 58.8 | 22.8 | NA | NA | NA | NA | NA | NA |
| 6/10/2018 | 6.1 | 0.46 | 5.8 | 7.5 | 65.0 | 25.0 | NA | NA | NA | NA | NA | NA |
| 6/11/2018 | 6.9 | 0.77 | 5.9 | 8.3 | 71.9 | 27.9 | NA | NA | NA | NA | NA | NA |
| 6/12/2018 | 7.0 | 0.92 | 6.2 | 8.5 | 78.9 | 30.9 | NA | NA | NA | NA | NA | NA |
| 6/13/2018 | 7.3 | 1.13 | 6.1 | 8.9 | 86.2 | 34.2 | NA | NA | NA | NA | NA | NA |
| 6/14/2018 | 6.7 | 1.35 | 5.1 | 9.3 | 92.9 | 36.9 | NA | NA | NA | NA | NA | NA |
| 6/15/2018 | 6.4 | 0.61 | 5.6 | 7.4 | 99.3 | 39.3 | NA | NA | NA | NA | NA | NA |
| 6/16/2018 | 5.8 | 0.40 | 5.4 | 6.8 | 105.1 | 41.1 | NA | NA | NA | NA | NA | NA |
| 6/17/2018 | 7.0 | 0.31 | 6.6 | 7.4 | 112.2 | 44.2 | NA | NA | NA | NA | NA | NA |
| 6/18/2018 | 6.3 | 0.23 | 5.8 | 6.6 | 118.4 | 46.4 | NA | NA | NA | NA | NA | NA |
| 6/19/2018 | 7.8 | 0.96 | 6.2 | 9.3 | 126.2 | 50.2 | NA | NA | NA | NA | NA | NA |
| 6/20/2018 | 9.1 | 0.58 | 7.9 | 9.8 | 135.4 | 55.4 | NA | NA | NA | NA | NA | NA |
| 6/21/2018 | 7.3 | 0.48 | 6.5 | 8.0 | 142.7 | 58.7 | NA | NA | NA | NA | NA | NA |
| 6/22/2018 | 7.2 | 0.48 | 6.6 | 8.1 | 149.9 | 61.9 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/23/2018 | 7.6 | 0.42 | 7.0 | 8.3 | 157.5 | 65.5 | NA | NA | NA | NA | NA | NA |
| 6/24/2018 | 8.3 | 0.35 | 7.5 | 8.7 | 165.8 | 69.8 | NA | NA | NA | NA | NA | NA |
| 6/25/2018 | 7.9 | 0.64 | 7.2 | 9.1 | 173.7 | 73.7 | NA | NA | NA | NA | NA | NA |
| 6/26/2018 | 9.9 | 1.07 | 8.1 | 11.2 | 183.6 | 79.6 | NA | NA | NA | NA | NA | NA |
| 6/27/2018 | 10.9 | 0.23 | 10.5 | 11.3 | 194.5 | 86.5 | NA | NA | NA | NA | NA | NA |
| 6/28/2018 | 11.3 | 0.21 | 11.0 | 11.6 | 205.8 | 93.8 | NA | NA | NA | NA | NA | NA |
| 6/29/2018 | 10.3 | 0.25 | 10.0 | 10.9 | 216.1 | 100.1 | NA | NA | NA | NA | NA | NA |
| 6/30/2018 | 10.1 | 0.36 | 9.6 | 10.7 | 226.2 | 106.2 | NA | NA | NA | NA | NA | NA |

July

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/1/2018 | 8.2 | 0.65 | 7.6 | 9.6 | 8.2 | 4.2 | NA | NA | NA | NA | NA | NA |
| 7/2/2018 | 9.9 | 0.56 | 9.1 | 10.8 | 18.1 | 10.1 | NA | NA | NA | NA | NA | NA |
| 7/3/2018 | 9.8 | 0.34 | 9.3 | 10.4 | 27.9 | 15.9 | NA | NA | NA | NA | NA | NA |
| 7/4/2018 | 10.9 | 0.30 | 10.2 | 11.4 | 38.8 | 22.8 | NA | NA | NA | NA | NA | NA |
| 7/5/2018 | 10.3 | 0.40 | 9.7 | 11.0 | 49.1 | 29.1 | NA | NA | NA | NA | NA | NA |
| 7/6/2018 | 10.9 | 0.71 | 9.8 | 12.2 | 60.0 | 36.0 | NA | NA | NA | NA | NA | NA |
| 7/7/2018 | 15.7 | 2.15 | 12.3 | 17.5 | 75.8 | 47.8 | NA | NA | NA | NA | NA | NA |
| 7/8/2018 | 14.4 | 1.28 | 12.7 | 17.6 | 90.1 | 58.1 | NA | NA | NA | NA | NA | NA |
| 7/9/2018 | 14.7 | 0.86 | 13.1 | 15.7 | 104.9 | 68.9 | NA | NA | NA | NA | NA | NA |
| 7/10/2018 | 15.5 | 0.27 | 15.1 | 15.9 | 120.4 | 80.4 | NA | NA | NA | NA | NA | NA |
| 7/11/2018 | 14.6 | 0.48 | 13.7 | 15.2 | 135.0 | 91.0 | NA | NA | NA | NA | NA | NA |
| 7/12/2018 | 14.5 | 2.11 | 11.2 | 16.7 | 149.5 | 101.5 | NA | NA | NA | NA | NA | NA |
| 7/13/2018 | 17.0 | 1.21 | 13.6 | 17.9 | 166.5 | 114.5 | NA | NA | NA | NA | NA | NA |
| 7/14/2018 | 12.8 | 0.86 | 11.6 | 14.6 | 179.4 | 123.4 | NA | NA | NA | NA | NA | NA |
| 7/15/2018 | 12.1 | 0.44 | 11.2 | 12.7 | 191.5 | 131.5 | NA | NA | NA | NA | NA | NA |
| 7/16/2018 | 13.7 | 0.39 | 13.1 | 14.3 | 205.2 | 141.2 | NA | NA | NA | NA | NA | NA |
| 7/17/2018 | 13.6 | 0.40 | 12.8 | 14.0 | 218.8 | 150.8 | NA | NA | NA | NA | NA | NA |
| 7/18/2018 | 13.6 | 1.21 | 11.8 | 15.1 | 232.3 | 160.3 | NA | NA | NA | NA | NA | NA |
| 7/19/2018 | 13.3 | 0.89 | 12.1 | 14.6 | 245.6 | 169.6 | NA | NA | NA | NA | NA | NA |
| 7/20/2018 | 12.2 | 0.46 | 11.3 | 12.8 | 257.8 | 177.8 | NA | NA | NA | NA | NA | NA |
| 7/21/2018 | 11.6 | 0.34 | 11.1 | 12.1 | 269.4 | 185.4 | NA | NA | NA | NA | NA | NA |
| 7/22/2018 | 11.5 | 0.36 | 11.0 | 12.4 | 280.9 | 192.9 | NA | NA | NA | NA | NA | NA |
| 7/23/2018 | 13.9 | 0.94 | 12.8 | 15.3 | 294.8 | 202.8 | NA | NA | NA | NA | NA | NA |
| 7/24/2018 | 13.3 | 1.07 | 12.2 | 15.3 | 308.2 | 212.2 | NA | NA | NA | NA | NA | NA |
| 7/25/2018 | 13.5 | 0.99 | 11.5 | 14.9 | 321.6 | 221.6 | NA | NA | NA | NA | NA | NA |
| 7/26/2018 | 15.0 | 0.45 | 14.0 | 15.6 | 336.6 | 232.6 | NA | NA | NA | NA | NA | NA |
| 7/27/2018 | 15.5 | 0.84 | 14.3 | 16.8 | 352.1 | 244.1 | NA | NA | NA | NA | NA | NA |
| 7/28/2018 | 13.3 | 0.33 | 12.8 | 13.9 | 365.4 | 253.4 | NA | NA | NA | NA | NA | NA |
| 7/29/2018 | 13.5 | 0.31 | 12.8 | 13.9 | 378.9 | 262.9 | NA | NA | NA | NA | NA | NA |
| 7/30/2018 | 13.8 | 0.88 | 12.7 | 15.4 | 392.7 | 272.7 | NA | NA | NA | NA | NA | NA |
| 7/31/2018 | 14.2 | 0.51 | 12.9 | 14.8 | 406.8 | 282.8 | NA | NA | NA | NA | NA | NA |

August

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/1/2018 | 15.1 | 0.68 | 14.0 | 15.9 | 15.1 | 11.1 | NA | NA | NA | NA | NA | NA |
| 8/2/2018 | 16.0 | 0.64 | 15.2 | 17.2 | 31.1 | 23.1 | NA | NA | NA | NA | NA | NA |
| 8/3/2018 | 17.2 | 0.77 | 16.2 | 18.3 | 48.3 | 36.3 | NA | NA | NA | NA | NA | NA |
| 8/4/2018 | 15.3 | 1.04 | 14.2 | 17.8 | 63.7 | 47.7 | NA | NA | NA | NA | NA | NA |
| 8/5/2018 | 15.5 | 0.48 | 14.9 | 16.2 | 79.2 | 59.2 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/6/2018 | 15.8 | 0.44 | 15.2 | 16.5 | 94.9 | 70.9 | NA | NA | NA | NA | NA | NA |
| 8/7/2018 | 14.1 | 0.46 | 13.7 | 15.4 | 109.0 | 81.0 | NA | NA | NA | NA | NA | NA |
| 8/8/2018 | 14.7 | 1.22 | 13.5 | 16.7 | 123.8 | 91.8 | NA | NA | NA | NA | NA | NA |
| 8/9/2018 | 12.7 | 0.72 | 11.8 | 13.8 | 136.5 | 100.5 | NA | NA | NA | NA | NA | NA |
| 8/10/2018 | 15.0 | 1.47 | 13.0 | 17.5 | 151.5 | 111.5 | NA | NA | NA | NA | NA | NA |
| 8/11/2018 | 17.4 | 3.28 | 13.1 | 22.5 | 168.9 | 124.9 | NA | NA | NA | NA | NA | NA |
| 8/12/2018 | 16.3 | 1.08 | 15.1 | 18.0 | 185.2 | 137.2 | NA | NA | NA | NA | NA | NA |
| 8/13/2018 | 16.0 | 0.30 | 15.5 | 16.5 | 201.3 | 149.3 | NA | NA | NA | NA | NA | NA |
| 8/14/2018 | 15.9 | 0.34 | 15.4 | 16.3 | 217.2 | 161.2 | NA | NA | NA | NA | NA | NA |
| 8/15/2018 | 14.8 | 0.45 | 14.1 | 15.5 | 231.9 | 171.9 | NA | NA | NA | NA | NA | NA |
| 8/16/2018 | 14.3 | 0.74 | 13.4 | 15.8 | 246.2 | 182.2 | NA | NA | NA | NA | NA | NA |
| 8/17/2018 | 17.4 | 3.09 | 13.9 | 22.7 | 263.6 | 195.6 | NA | NA | NA | NA | NA | NA |
| 8/18/2018 | 17.2 | 3.19 | 11.9 | 22.2 | 280.8 | 208.8 | NA | NA | NA | NA | NA | NA |
| 8/19/2018 | 13.0 | 0.62 | 12.4 | 14.3 | 293.8 | 217.8 | NA | NA | NA | NA | NA | NA |
| 8/20/2018 | 12.0 | 0.81 | 10.7 | 13.2 | 305.8 | 225.8 | NA | NA | NA | NA | NA | NA |
| 8/21/2018 | 12.5 | 0.62 | 11.2 | 13.4 | 318.3 | 234.3 | NA | NA | NA | NA | NA | NA |
| 8/22/2018 | 11.2 | 0.64 | 10.2 | 12.6 | 329.6 | 241.6 | NA | NA | NA | NA | NA | NA |
| 8/23/2018 | 11.9 | 0.71 | 11.1 | 13.7 | 341.5 | 249.5 | NA | NA | NA | NA | NA | NA |
| 8/24/2018 | 12.9 | 0.80 | 11.5 | 14.0 | 354.4 | 258.4 | NA | NA | NA | NA | NA | NA |
| 8/25/2018 | 12.8 | 0.53 | 11.8 | 13.6 | 367.2 | 267.2 | NA | NA | NA | NA | NA | NA |
| 8/26/2018 | 14.2 | 0.41 | 13.6 | 14.7 | 381.4 | 277.4 | NA | NA | NA | NA | NA | NA |
| 8/27/2018 | 14.4 | 0.33 | 13.9 | 14.9 | 395.8 | 287.8 | NA | NA | NA | NA | NA | NA |
| 8/28/2018 | 14.2 | 0.34 | 13.7 | 15.0 | 410.1 | 298.1 | NA | NA | NA | NA | NA | NA |
| 8/29/2018 | 17.4 | 3.53 | 13.8 | 21.6 | 427.5 | 311.5 | NA | NA | NA | NA | NA | NA |
| 8/30/2018 | 18.1 | 2.25 | 15.2 | 21.9 | 445.6 | 325.6 | NA | NA | NA | NA | NA | NA |
| 8/31/2018 | 20.7 | 1.10 | 18.4 | 21.9 | 466.3 | 342.3 | NA | NA | NA | NA | NA | NA |

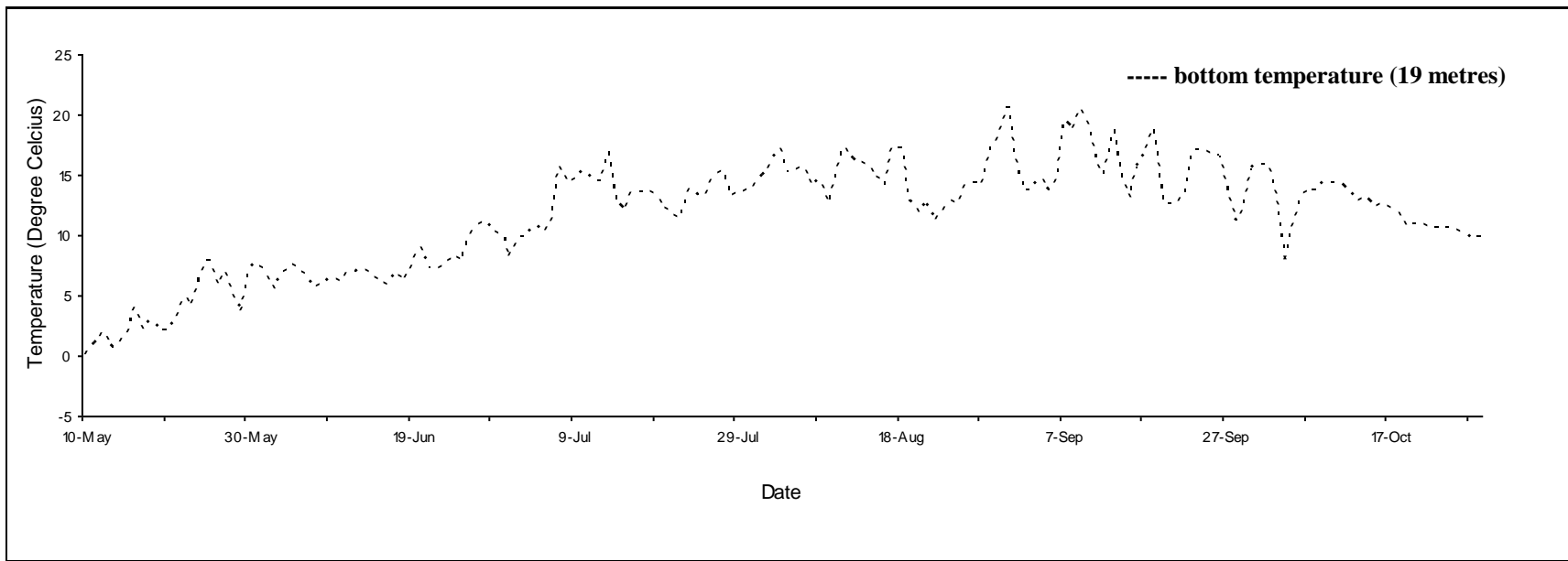
September

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/1/2018 | 16.3 | 3.96 | 10.9 | 21.8 | 16.3 | 12.3 | NA | NA | NA | NA | NA | NA |
| 9/2/2018 | 13.7 | 1.41 | 11.8 | 16.3 | 30.0 | 22.0 | NA | NA | NA | NA | NA | NA |
| 9/3/2018 | 13.8 | 2.35 | 10.4 | 17.6 | 43.9 | 31.9 | NA | NA | NA | NA | NA | NA |
| 9/4/2018 | 14.8 | 1.70 | 10.8 | 16.9 | 58.7 | 42.7 | NA | NA | NA | NA | NA | NA |
| 9/5/2018 | 13.7 | 1.40 | 12.0 | 16.4 | 72.4 | 52.4 | NA | NA | NA | NA | NA | NA |
| 9/6/2018 | 14.7 | 2.61 | 12.1 | 20.3 | 87.1 | 63.1 | NA | NA | NA | NA | NA | NA |
| 9/7/2018 | 19.6 | 1.25 | 17.3 | 21.0 | 106.7 | 78.7 | NA | NA | NA | NA | NA | NA |
| 9/8/2018 | 18.9 | 1.67 | 16.3 | 21.2 | 125.6 | 93.6 | NA | NA | NA | NA | NA | NA |
| 9/9/2018 | 20.6 | 0.17 | 20.4 | 20.9 | 146.2 | 110.2 | NA | NA | NA | NA | NA | NA |
| 9/10/2018 | 19.3 | 1.53 | 17.2 | 20.7 | 165.5 | 125.5 | NA | NA | NA | NA | NA | NA |
| 9/11/2018 | 15.9 | 1.35 | 13.8 | 17.8 | 181.4 | 137.4 | NA | NA | NA | NA | NA | NA |
| 9/12/2018 | 15.1 | 2.28 | 12.8 | 19.0 | 196.5 | 148.5 | NA | NA | NA | NA | NA | NA |
| 9/13/2018 | 18.8 | 0.97 | 16.6 | 19.5 | 215.3 | 163.3 | NA | NA | NA | NA | NA | NA |
| 9/14/2018 | 14.8 | 1.33 | 13.5 | 18.5 | 230.1 | 174.1 | NA | NA | NA | NA | NA | NA |
| 9/15/2018 | 13.2 | 0.59 | 12.3 | 14.1 | 243.3 | 183.3 | NA | NA | NA | NA | NA | NA |
| 9/16/2018 | 15.7 | 1.41 | 14.2 | 18.1 | 259.0 | 195.0 | NA | NA | NA | NA | NA | NA |
| 9/17/2018 | 17.1 | 1.75 | 14.0 | 19.4 | 276.1 | 208.1 | NA | NA | NA | NA | NA | NA |
| 9/18/2018 | 18.9 | 0.65 | 17.4 | 19.5 | 295.0 | 223.0 | NA | NA | NA | NA | NA | NA |
| 9/19/2018 | 12.8 | 1.67 | 12.1 | 18.0 | 307.8 | 231.8 | NA | NA | NA | NA | NA | NA |
| 9/20/2018 | 12.6 | 0.14 | 12.4 | 12.9 | 320.4 | 240.4 | NA | NA | NA | NA | NA | NA |
| 9/21/2018 | 12.9 | 0.43 | 12.2 | 14.0 | 333.3 | 249.3 | NA | NA | NA | NA | NA | NA |
| 9/22/2018 | 13.6 | 1.90 | 12.1 | 17.3 | 346.9 | 258.9 | NA | NA | NA | NA | NA | NA |
| 9/23/2018 | 17.1 | 0.24 | 16.5 | 17.4 | 364.0 | 272.0 | NA | NA | NA | NA | NA | NA |
| 9/24/2018 | 17.2 | 0.06 | 17.1 | 17.3 | 381.2 | 285.2 | NA | NA | NA | NA | NA | NA |
| 9/25/2018 | 16.9 | 0.11 | 16.7 | 17.0 | 398.1 | 298.1 | NA | NA | NA | NA | NA | NA |
| 9/26/2018 | 16.7 | 0.13 | 16.4 | 16.9 | 414.8 | 310.8 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/27/2018 | 14.0 | 1.69 | 12.4 | 16.7 | 428.8 | 320.8 | NA | NA | NA | NA | NA | NA |
| 9/28/2018 | 11.1 | 0.67 | 10.4 | 12.4 | 439.9 | 327.9 | NA | NA | NA | NA | NA | NA |
| 9/29/2018 | 12.3 | 1.32 | 10.7 | 14.4 | 452.3 | 336.3 | NA | NA | NA | NA | NA | NA |
| 9/30/2018 | 15.6 | 0.66 | 13.7 | 16.1 | 467.8 | 347.8 | NA | NA | NA | NA | NA | NA |

October

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/1/2018 | 16.0 | 0.08 | 15.8 | 16.1 | 16.0 | 12.0 | NA | NA | NA | NA | NA | NA |
| 10/2/2018 | 15.8 | 0.08 | 15.7 | 15.9 | 31.8 | 23.8 | NA | NA | NA | NA | NA | NA |
| 10/3/2018 | 13.4 | 3.17 | 8.7 | 15.9 | 45.2 | 33.2 | NA | NA | NA | NA | NA | NA |
| 10/4/2018 | 7.8 | 0.57 | 7.1 | 8.9 | 53.0 | 37.0 | NA | NA | NA | NA | NA | NA |
| 10/5/2018 | 10.7 | 2.44 | 6.8 | 13.7 | 63.7 | 43.7 | NA | NA | NA | NA | NA | NA |
| 10/6/2018 | 13.1 | 1.12 | 11.6 | 14.5 | 76.8 | 52.8 | NA | NA | NA | NA | NA | NA |
| 10/7/2018 | 13.9 | 0.45 | 13.3 | 14.6 | 90.7 | 62.7 | NA | NA | NA | NA | NA | NA |
| 10/8/2018 | 13.8 | 0.63 | 12.7 | 14.6 | 104.5 | 72.5 | NA | NA | NA | NA | NA | NA |
| 10/9/2018 | 14.5 | 0.09 | 14.3 | 14.6 | 119.0 | 83.0 | NA | NA | NA | NA | NA | NA |
| 10/10/2018 | 14.4 | 0.05 | 14.3 | 14.4 | 133.4 | 93.4 | NA | NA | NA | NA | NA | NA |
| 10/11/2018 | 14.2 | 0.07 | 14.1 | 14.3 | 147.6 | 103.6 | NA | NA | NA | NA | NA | NA |
| 10/12/2018 | 13.7 | 0.67 | 11.6 | 14.1 | 161.3 | 113.3 | NA | NA | NA | NA | NA | NA |
| 10/13/2018 | 12.9 | 0.97 | 10.7 | 13.6 | 174.2 | 122.2 | NA | NA | NA | NA | NA | NA |
| 10/14/2018 | 13.1 | 0.28 | 12.7 | 13.5 | 187.3 | 131.3 | NA | NA | NA | NA | NA | NA |
| 10/15/2018 | 12.5 | 0.18 | 12.2 | 12.8 | 199.8 | 139.8 | NA | NA | NA | NA | NA | NA |
| 10/16/2018 | 12.6 | 0.03 | 12.6 | 12.7 | 212.4 | 148.4 | NA | NA | NA | NA | NA | NA |
| 10/17/2018 | 12.3 | 0.11 | 12.3 | 12.6 | 224.8 | 156.8 | NA | NA | NA | NA | NA | NA |
| 10/18/2018 | 12.0 | 0.18 | 11.8 | 12.3 | 236.8 | 164.8 | NA | NA | NA | NA | NA | NA |
| 10/19/2018 | 10.8 | 0.43 | 10.2 | 11.6 | 247.6 | 171.6 | NA | NA | NA | NA | NA | NA |
| 10/20/2018 | 11.0 | 0.16 | 10.7 | 11.2 | 258.5 | 178.5 | NA | NA | NA | NA | NA | NA |
| 10/21/2018 | 11.0 | 0.07 | 10.9 | 11.1 | 269.5 | 185.5 | NA | NA | NA | NA | NA | NA |
| 10/22/2018 | 10.8 | 0.09 | 10.7 | 10.9 | 280.3 | 192.3 | NA | NA | NA | NA | NA | NA |
| 10/23/2018 | 10.6 | 0.06 | 10.5 | 10.7 | 290.8 | 198.8 | NA | NA | NA | NA | NA | NA |
| 10/24/2018 | 10.6 | 0.06 | 10.5 | 10.7 | 301.4 | 205.4 | NA | NA | NA | NA | NA | NA |
| 10/25/2018 | 10.5 | 0.02 | 10.5 | 10.6 | 312.0 | 212.0 | NA | NA | NA | NA | NA | NA |
| 10/26/2018 | 10.2 | 0.18 | 10.0 | 10.5 | 322.2 | 218.2 | NA | NA | NA | NA | NA | NA |
| 10/27/2018 | 9.7 | 0.11 | 9.6 | 9.9 | 331.9 | 223.9 | NA | NA | NA | NA | NA | NA |
| 10/28/2018 | 9.8 | 0.06 | 9.7 | 9.9 | 341.7 | 229.7 | NA | NA | NA | NA | NA | NA |



Daily mean temperature for Aulds Cove, N.S., 2018.

Bayfield, N.S.

2018

May

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 5/7/2018 | 1.4 | 0.59 | 1.1 | 3.2 | 1.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/8/2018 | 1.0 | 0.08 | 0.9 | 1.2 | 2.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/9/2018 | 1.0 | 0.07 | 0.9 | 1.1 | 3.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/10/2018 | 1.2 | 0.06 | 1.1 | 1.3 | 4.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/11/2018 | 1.2 | 0.12 | 1.0 | 1.5 | 5.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/12/2018 | 1.2 | 0.10 | 1.1 | 1.4 | 7.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/13/2018 | 1.5 | 0.40 | 1.1 | 2.6 | 8.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/14/2018 | 1.7 | 0.48 | 1.2 | 2.4 | 10.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/15/2018 | 1.4 | 0.21 | 1.2 | 2.0 | 11.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/16/2018 | 4.6 | 1.67 | 2.0 | 6.2 | 16.3 | 0.6 | NA | NA | NA | NA | NA | NA |
| 5/17/2018 | 3.2 | 0.87 | 2.5 | 5.3 | 19.4 | 0.6 | NA | NA | NA | NA | NA | NA |
| 5/18/2018 | 4.3 | 1.20 | 2.9 | 6.5 | 23.7 | 0.9 | NA | NA | NA | NA | NA | NA |
| 5/19/2018 | 3.9 | 0.54 | 3.2 | 5.0 | 27.6 | 0.9 | NA | NA | NA | NA | NA | NA |
| 5/20/2018 | 3.2 | 0.46 | 2.5 | 3.9 | 30.7 | 0.9 | NA | NA | NA | NA | NA | NA |
| 5/21/2018 | 3.6 | 0.36 | 3.0 | 4.2 | 34.3 | 0.9 | NA | NA | NA | NA | NA | NA |
| 5/22/2018 | 3.6 | 0.53 | 2.9 | 4.6 | 38.0 | 0.9 | NA | NA | NA | NA | NA | NA |
| 5/23/2018 | 3.3 | 0.38 | 2.7 | 3.8 | 41.3 | 0.9 | NA | NA | NA | NA | NA | NA |
| 5/24/2018 | 6.9 | 0.06 | 6.8 | 7.0 | 48.2 | 3.8 | NA | NA | NA | NA | NA | NA |
| 5/25/2018 | 5.7 | 0.67 | 4.9 | 6.9 | 53.9 | 5.5 | NA | NA | NA | NA | NA | NA |
| 5/26/2018 | 6.1 | 0.67 | 5.5 | 7.2 | 60.0 | 7.6 | NA | NA | NA | NA | NA | NA |
| 5/27/2018 | 6.9 | 0.05 | 6.8 | 7.0 | 66.9 | 10.6 | NA | NA | NA | NA | NA | NA |
| 5/28/2018 | 5.8 | 0.81 | 4.7 | 7.0 | 72.8 | 12.4 | NA | NA | NA | NA | NA | NA |
| 5/29/2018 | 5.8 | 0.74 | 5.2 | 7.4 | 78.6 | 14.2 | NA | NA | NA | NA | NA | NA |
| 5/30/2018 | 7.7 | 0.08 | 7.6 | 7.9 | 86.3 | 17.9 | NA | NA | NA | NA | NA | NA |
| 5/31/2018 | 7.6 | 0.19 | 7.2 | 7.8 | 93.9 | 21.5 | NA | NA | NA | NA | NA | NA |

June

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/1/2018 | 7.3 | 0.10 | 7.2 | 7.5 | 7.3 | 3.3 | NA | NA | NA | NA | NA | NA |
| 6/2/2018 | 6.9 | 0.61 | 5.8 | 7.4 | 14.2 | 6.2 | NA | NA | NA | NA | NA | NA |
| 6/3/2018 | 7.7 | 0.24 | 7.4 | 8.1 | 21.9 | 9.9 | NA | NA | NA | NA | NA | NA |
| 6/4/2018 | 7.4 | 0.02 | 7.4 | 7.4 | 29.3 | 13.3 | NA | NA | NA | NA | NA | NA |
| 6/5/2018 | 7.3 | 0.02 | 7.3 | 7.4 | 36.7 | 16.7 | NA | NA | NA | NA | NA | NA |
| 6/6/2018 | 7.2 | 0.20 | 6.7 | 7.3 | 43.9 | 19.9 | NA | NA | NA | NA | NA | NA |
| 6/7/2018 | 6.6 | 0.06 | 6.5 | 6.8 | 50.5 | 22.5 | NA | NA | NA | NA | NA | NA |
| 6/8/2018 | 6.5 | 0.12 | 6.3 | 6.7 | 57.0 | 25.0 | NA | NA | NA | NA | NA | NA |
| 6/9/2018 | 6.7 | 0.12 | 6.5 | 6.9 | 63.7 | 27.7 | NA | NA | NA | NA | NA | NA |
| 6/10/2018 | 7.0 | 0.63 | 6.7 | 8.9 | 70.8 | 30.8 | NA | NA | NA | NA | NA | NA |
| 6/11/2018 | 7.0 | 0.36 | 6.6 | 8.0 | 77.8 | 33.8 | NA | NA | NA | NA | NA | NA |
| 6/12/2018 | 7.3 | 0.59 | 6.6 | 8.3 | 85.1 | 37.1 | NA | NA | NA | NA | NA | NA |
| 6/13/2018 | 6.9 | 0.80 | 6.0 | 9.1 | 92.0 | 40.0 | NA | NA | NA | NA | NA | NA |
| 6/14/2018 | 6.7 | 0.27 | 6.3 | 7.0 | 98.7 | 42.7 | NA | NA | NA | NA | NA | NA |
| 6/15/2018 | 6.8 | 0.27 | 6.4 | 7.4 | 105.5 | 45.5 | NA | NA | NA | NA | NA | NA |
| 6/16/2018 | 6.7 | 0.13 | 6.6 | 7.0 | 112.2 | 48.2 | NA | NA | NA | NA | NA | NA |
| 6/17/2018 | 7.9 | 0.40 | 7.1 | 8.3 | 120.1 | 52.1 | NA | NA | NA | NA | NA | NA |
| 6/18/2018 | 7.2 | 0.76 | 6.3 | 8.2 | 127.3 | 55.3 | NA | NA | NA | NA | NA | NA |
| 6/19/2018 | 7.5 | 0.57 | 6.9 | 8.9 | 134.8 | 58.8 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/20/2018 | 7.8 | 0.16 | 7.5 | 8.0 | 142.5 | 62.5 | NA | NA | NA | NA | NA | NA |
| 6/21/2018 | 8.1 | 0.48 | 7.6 | 9.3 | 150.6 | 66.6 | NA | NA | NA | NA | NA | NA |
| 6/22/2018 | 8.9 | 0.41 | 8.0 | 9.5 | 159.5 | 71.5 | NA | NA | NA | NA | NA | NA |
| 6/23/2018 | 8.7 | 0.64 | 7.8 | 9.6 | 168.2 | 76.2 | NA | NA | NA | NA | NA | NA |
| 6/24/2018 | 8.7 | 0.32 | 8.3 | 9.4 | 176.9 | 80.9 | NA | NA | NA | NA | NA | NA |
| 6/25/2018 | 10.1 | 1.16 | 8.6 | 11.8 | 187.0 | 87.0 | NA | NA | NA | NA | NA | NA |
| 6/26/2018 | 11.7 | 0.16 | 11.4 | 11.9 | 198.7 | 94.7 | NA | NA | NA | NA | NA | NA |
| 6/27/2018 | 11.4 | 0.19 | 11.3 | 11.9 | 210.1 | 102.1 | NA | NA | NA | NA | NA | NA |
| 6/28/2018 | 10.9 | 0.33 | 10.5 | 11.4 | 221.0 | 109.0 | NA | NA | NA | NA | NA | NA |
| 6/29/2018 | 10.4 | 0.33 | 10.6 | 10.6 | 231.4 | 115.4 | NA | NA | NA | NA | NA | NA |
| 6/30/2018 | 10.4 | 0.15 | 10.1 | 10.6 | 241.8 | 121.8 | NA | NA | NA | NA | NA | NA |

July

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/1/2018 | 10.8 | 0.10 | 10.6 | 10.9 | 10.8 | 6.8 | NA | NA | NA | NA | NA | NA |
| 7/2/2018 | 11.3 | 0.29 | 10.8 | 11.7 | 22.1 | 14.1 | NA | NA | NA | NA | NA | NA |
| 7/3/2018 | 11.2 | 0.52 | 10.3 | 12.0 | 33.2 | 21.2 | NA | NA | NA | NA | NA | NA |
| 7/4/2018 | 10.7 | 0.26 | 10.4 | 11.1 | 44.0 | 28.0 | NA | NA | NA | NA | NA | NA |
| 7/5/2018 | 12.4 | 1.17 | 10.6 | 13.6 | 56.4 | 36.4 | NA | NA | NA | NA | NA | NA |
| 7/6/2018 | 10.8 | 0.78 | 9.8 | 12.4 | 67.2 | 43.2 | NA | NA | NA | NA | NA | NA |
| 7/7/2018 | 13.0 | 1.96 | 10.8 | 15.4 | 80.2 | 52.2 | NA | NA | NA | NA | NA | NA |
| 7/8/2018 | 15.2 | 0.54 | 14.3 | 15.7 | 95.5 | 63.5 | NA | NA | NA | NA | NA | NA |
| 7/9/2018 | 13.9 | 0.61 | 12.9 | 14.9 | 109.4 | 73.4 | NA | NA | NA | NA | NA | NA |
| 7/10/2018 | 13.7 | 0.32 | 13.4 | 14.6 | 123.1 | 83.1 | NA | NA | NA | NA | NA | NA |
| 7/11/2018 | 14.7 | 0.54 | 14.1 | 15.4 | 137.8 | 93.8 | NA | NA | NA | NA | NA | NA |
| 7/12/2018 | 16.9 | 0.42 | 15.7 | 17.2 | 154.7 | 106.7 | NA | NA | NA | NA | NA | NA |
| 7/13/2018 | 16.9 | 0.09 | 16.8 | 17.1 | 171.6 | 119.6 | NA | NA | NA | NA | NA | NA |
| 7/14/2018 | 16.3 | 1.01 | 14.3 | 16.9 | 187.9 | 131.9 | NA | NA | NA | NA | NA | NA |
| 7/15/2018 | 14.2 | 0.34 | 13.8 | 14.8 | 202.1 | 142.1 | NA | NA | NA | NA | NA | NA |
| 7/16/2018 | 14.2 | 0.39 | 13.6 | 15.0 | 216.3 | 152.3 | NA | NA | NA | NA | NA | NA |
| 7/17/2018 | 14.6 | 0.20 | 14.2 | 14.8 | 230.9 | 162.9 | NA | NA | NA | NA | NA | NA |
| 7/18/2018 | 14.3 | 0.30 | 13.9 | 15.0 | 245.2 | 173.2 | NA | NA | NA | NA | NA | NA |
| 7/19/2018 | 14.9 | 0.64 | 13.8 | 15.9 | 260.1 | 184.1 | NA | NA | NA | NA | NA | NA |
| 7/20/2018 | 15.4 | 0.37 | 14.8 | 16.0 | 275.5 | 195.5 | NA | NA | NA | NA | NA | NA |
| 7/21/2018 | 15.2 | 0.77 | 13.8 | 16.8 | 290.7 | 206.7 | NA | NA | NA | NA | NA | NA |
| 7/22/2018 | 13.7 | 0.68 | 12.4 | 14.5 | 304.4 | 216.4 | NA | NA | NA | NA | NA | NA |
| 7/23/2018 | 13.4 | 0.49 | 12.4 | 14.4 | 317.8 | 225.8 | NA | NA | NA | NA | NA | NA |
| 7/24/2018 | 14.8 | 0.58 | 13.9 | 15.7 | 332.6 | 236.6 | NA | NA | NA | NA | NA | NA |
| 7/25/2018 | 16.4 | 0.55 | 15.6 | 17.5 | 349.1 | 249.1 | NA | NA | NA | NA | NA | NA |
| 7/26/2018 | 15.2 | 1.31 | 13.7 | 16.9 | 364.3 | 260.3 | NA | NA | NA | NA | NA | NA |
| 7/27/2018 | 14.6 | 0.41 | 13.9 | 15.5 | 378.8 | 270.8 | NA | NA | NA | NA | NA | NA |
| 7/28/2018 | 16.2 | 0.76 | 15.4 | 17.6 | 395.1 | 283.1 | NA | NA | NA | NA | NA | NA |
| 7/29/2018 | 16.4 | 0.57 | 15.5 | 17.1 | 411.4 | 295.4 | NA | NA | NA | NA | NA | NA |
| 7/30/2018 | 16.7 | 0.49 | 15.8 | 17.5 | 428.2 | 308.2 | NA | NA | NA | NA | NA | NA |
| 7/31/2018 | 17.7 | 0.53 | 16.5 | 18.3 | 445.9 | 321.9 | NA | NA | NA | NA | NA | NA |

August

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/1/2018 | 18.4 | 0.47 | 17.7 | 19.2 | 18.4 | 14.4 | NA | NA | NA | NA | NA | NA |
| 8/2/2018 | 17.0 | 1.27 | 14.8 | 18.5 | 35.3 | 27.3 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/3/2018 | 16.0 | 0.90 | 15.2 | 18.2 | 51.3 | 39.3 | NA | NA | NA | NA | NA | NA |
| 8/4/2018 | 17.8 | 0.39 | 16.9 | 18.2 | 69.1 | 53.1 | NA | NA | NA | NA | NA | NA |
| 8/5/2018 | 17.9 | 0.47 | 17.0 | 18.6 | 86.9 | 66.9 | NA | NA | NA | NA | NA | NA |
| 8/6/2018 | 17.7 | 0.62 | 16.8 | 18.7 | 104.6 | 80.6 | NA | NA | NA | NA | NA | NA |
| 8/7/2018 | 16.8 | 1.05 | 14.4 | 17.8 | 121.4 | 93.4 | NA | NA | NA | NA | NA | NA |
| 8/8/2018 | 15.0 | 0.78 | 13.9 | 17.0 | 136.4 | 104.4 | NA | NA | NA | NA | NA | NA |
| 8/9/2018 | 15.5 | 1.47 | 13.3 | 18.2 | 151.9 | 115.9 | NA | NA | NA | NA | NA | NA |
| 8/10/2018 | 13.7 | 0.59 | 12.4 | 14.8 | 165.6 | 125.6 | NA | NA | NA | NA | NA | NA |
| 8/11/2018 | 17.8 | 2.52 | 15.0 | 22.6 | 183.4 | 139.4 | NA | NA | NA | NA | NA | NA |
| 8/12/2018 | 19.6 | 1.08 | 18.5 | 22.4 | 203.0 | 155.0 | NA | NA | NA | NA | NA | NA |
| 8/13/2018 | 18.8 | 0.87 | 17.0 | 19.6 | 221.8 | 169.8 | NA | NA | NA | NA | NA | NA |
| 8/14/2018 | 17.3 | 1.68 | 14.2 | 19.8 | 239.1 | 183.1 | NA | NA | NA | NA | NA | NA |
| 8/15/2018 | 15.0 | 1.71 | 13.3 | 18.5 | 254.1 | 194.1 | NA | NA | NA | NA | NA | NA |
| 8/16/2018 | 15.1 | 0.92 | 13.5 | 16.5 | 269.1 | 205.1 | NA | NA | NA | NA | NA | NA |
| 8/17/2018 | 21.6 | 1.30 | 19.2 | 22.6 | 290.8 | 222.8 | NA | NA | NA | NA | NA | NA |
| 8/18/2018 | 18.7 | 2.94 | 15.9 | 22.5 | 309.4 | 237.4 | NA | NA | NA | NA | NA | NA |
| 8/19/2018 | 15.3 | 0.56 | 14.5 | 16.4 | 324.8 | 248.8 | NA | NA | NA | NA | NA | NA |
| 8/20/2018 | 15.3 | 0.39 | 14.9 | 16.1 | 340.0 | 260.0 | NA | NA | NA | NA | NA | NA |
| 8/21/2018 | 13.7 | 0.33 | 13.1 | 14.4 | 353.8 | 269.8 | NA | NA | NA | NA | NA | NA |
| 8/22/2018 | 13.7 | 0.24 | 13.3 | 14.1 | 367.5 | 279.5 | NA | NA | NA | NA | NA | NA |
| 8/23/2018 | 13.4 | 0.35 | 12.8 | 14.1 | 380.9 | 288.9 | NA | NA | NA | NA | NA | NA |
| 8/24/2018 | 14.0 | 0.47 | 13.3 | 14.8 | 394.8 | 298.8 | NA | NA | NA | NA | NA | NA |
| 8/25/2018 | 15.2 | 0.87 | 14.2 | 17.0 | 410.0 | 310.0 | NA | NA | NA | NA | NA | NA |
| 8/26/2018 | 16.5 | 0.90 | 15.3 | 18.0 | 426.6 | 322.6 | NA | NA | NA | NA | NA | NA |
| 8/27/2018 | 17.0 | 1.01 | 15.5 | 18.4 | 443.6 | 335.6 | NA | NA | NA | NA | NA | NA |
| 8/28/2018 | 17.5 | 1.28 | 16.0 | 19.2 | 461.1 | 349.1 | NA | NA | NA | NA | NA | NA |
| 8/29/2018 | 17.8 | 2.75 | 14.6 | 21.8 | 478.9 | 362.9 | NA | NA | NA | NA | NA | NA |
| 8/30/2018 | 19.5 | 1.51 | 17.1 | 21.7 | 498.5 | 378.5 | NA | NA | NA | NA | NA | NA |
| 8/31/2018 | 21.3 | 0.11 | 21.2 | 21.5 | 519.8 | 395.8 | NA | NA | NA | NA | NA | NA |

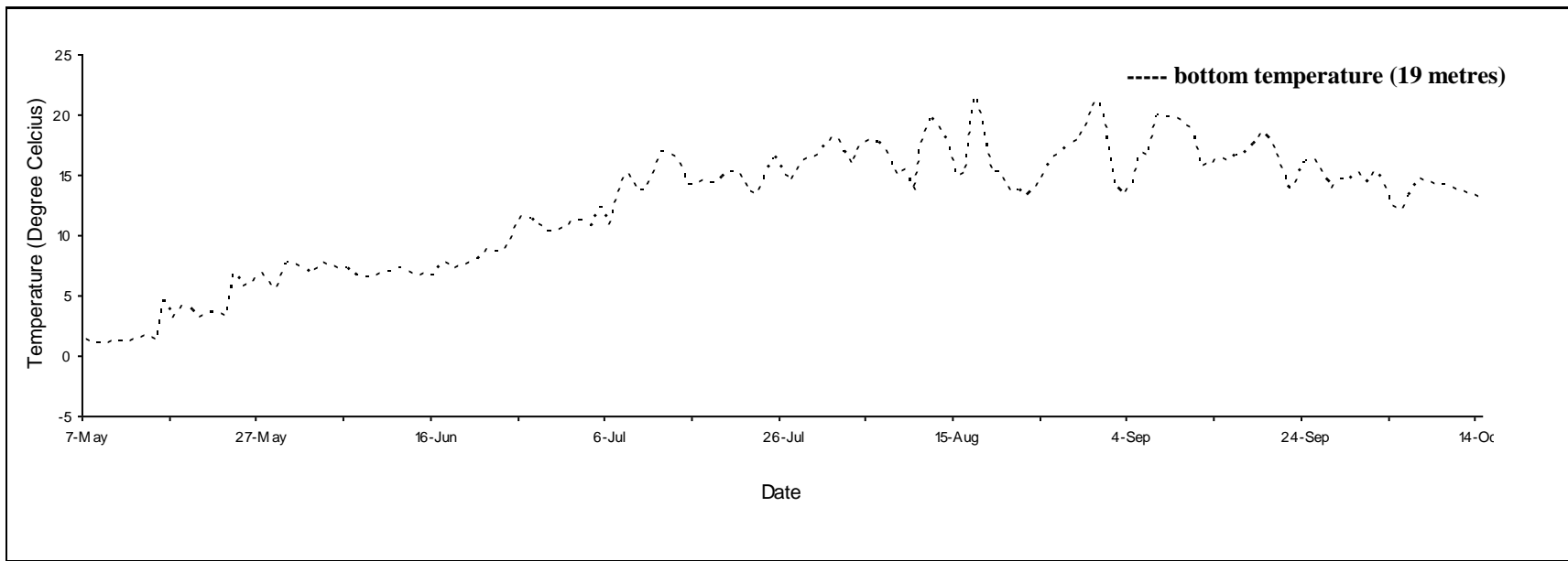
September

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/1/2018 | 19.5 | 2.61 | 14.6 | 21.2 | 19.5 | 15.5 | NA | NA | NA | NA | NA | NA |
| 9/2/2018 | 14.2 | 0.73 | 12.9 | 15.2 | 33.7 | 25.7 | NA | NA | NA | NA | NA | NA |
| 9/3/2018 | 13.5 | 0.53 | 12.5 | 14.2 | 47.3 | 35.3 | NA | NA | NA | NA | NA | NA |
| 9/4/2018 | 14.1 | 0.82 | 13.0 | 15.4 | 61.4 | 45.4 | NA | NA | NA | NA | NA | NA |
| 9/5/2018 | 17.0 | 0.68 | 16.1 | 18.1 | 78.3 | 58.3 | NA | NA | NA | NA | NA | NA |
| 9/6/2018 | 16.7 | 1.66 | 13.8 | 19.0 | 95.1 | 71.1 | NA | NA | NA | NA | NA | NA |
| 9/7/2018 | 19.9 | 0.40 | 18.7 | 20.2 | 115.0 | 87.0 | NA | NA | NA | NA | NA | NA |
| 9/8/2018 | 19.9 | 0.15 | 19.7 | 20.1 | 134.9 | 102.9 | NA | NA | NA | NA | NA | NA |
| 9/9/2018 | 19.8 | 0.11 | 19.6 | 20.0 | 154.7 | 118.7 | NA | NA | NA | NA | NA | NA |
| 9/10/2018 | 19.6 | 0.06 | 19.5 | 19.7 | 174.3 | 134.3 | NA | NA | NA | NA | NA | NA |
| 9/11/2018 | 18.6 | 1.39 | 15.3 | 19.5 | 192.9 | 148.9 | NA | NA | NA | NA | NA | NA |
| 9/12/2018 | 15.7 | 2.00 | 13.4 | 19.3 | 208.6 | 160.6 | NA | NA | NA | NA | NA | NA |
| 9/13/2018 | 16.0 | 1.41 | 14.3 | 18.9 | 224.6 | 172.6 | NA | NA | NA | NA | NA | NA |
| 9/14/2018 | 16.6 | 1.27 | 14.8 | 18.7 | 241.2 | 185.2 | NA | NA | NA | NA | NA | NA |
| 9/15/2018 | 16.2 | 0.81 | 15.1 | 17.9 | 257.3 | 197.3 | NA | NA | NA | NA | NA | NA |
| 9/16/2018 | 16.7 | 1.21 | 15.7 | 19.4 | 274.0 | 210.0 | NA | NA | NA | NA | NA | NA |
| 9/17/2018 | 16.9 | 0.36 | 16.4 | 17.7 | 290.9 | 222.9 | NA | NA | NA | NA | NA | NA |
| 9/18/2018 | 17.5 | 1.11 | 16.5 | 19.6 | 308.4 | 236.4 | NA | NA | NA | NA | NA | NA |
| 9/19/2018 | 18.7 | 1.00 | 17.1 | 19.6 | 327.1 | 251.1 | NA | NA | NA | NA | NA | NA |
| 9/20/2018 | 17.8 | 1.11 | 16.2 | 18.9 | 344.9 | 264.9 | NA | NA | NA | NA | NA | NA |
| 9/21/2018 | 16.0 | 0.40 | 15.6 | 16.8 | 360.9 | 276.9 | NA | NA | NA | NA | NA | NA |
| 9/22/2018 | 13.9 | 1.27 | 12.6 | 15.9 | 374.8 | 286.8 | NA | NA | NA | NA | NA | NA |
| 9/23/2018 | 14.4 | 1.09 | 12.9 | 16.6 | 389.2 | 297.2 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/24/2018 | 16.2 | 0.77 | 14.6 | 16.7 | 405.4 | 309.4 | NA | NA | NA | NA | NA | NA |
| 9/25/2018 | 16.4 | 0.22 | 15.7 | 16.5 | 421.8 | 321.8 | NA | NA | NA | NA | NA | NA |
| 9/26/2018 | 15.1 | 1.22 | 13.1 | 16.3 | 436.9 | 332.9 | NA | NA | NA | NA | NA | NA |
| 9/27/2018 | 13.9 | 0.88 | 13.1 | 15.7 | 450.8 | 342.8 | NA | NA | NA | NA | NA | NA |
| 9/28/2018 | 14.7 | 0.77 | 14.2 | 16.1 | 465.5 | 353.5 | NA | NA | NA | NA | NA | NA |
| 9/29/2018 | 14.6 | 0.28 | 14.2 | 15.0 | 480.1 | 364.1 | NA | NA | NA | NA | NA | NA |
| 9/30/2018 | 15.3 | 0.63 | 14.6 | 16.1 | 495.4 | 375.4 | NA | NA | NA | NA | NA | NA |

October

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/1/2018 | 14.3 | 0.38 | 13.9 | 15.4 | 14.3 | 10.3 | NA | NA | NA | NA | NA | NA |
| 10/2/2018 | 15.5 | 0.30 | 15.1 | 15.9 | 29.8 | 21.8 | NA | NA | NA | NA | NA | NA |
| 10/3/2018 | 14.4 | 0.52 | 13.6 | 15.3 | 44.2 | 32.2 | NA | NA | NA | NA | NA | NA |
| 10/4/2018 | 12.5 | 1.25 | 10.9 | 14.0 | 56.6 | 40.6 | NA | NA | NA | NA | NA | NA |
| 10/5/2018 | 12.1 | 0.67 | 11.3 | 13.3 | 68.8 | 48.8 | NA | NA | NA | NA | NA | NA |
| 10/6/2018 | 13.4 | 1.15 | 12.0 | 14.8 | 82.1 | 58.1 | NA | NA | NA | NA | NA | NA |
| 10/7/2018 | 14.7 | 0.03 | 14.6 | 14.7 | 96.8 | 68.8 | NA | NA | NA | NA | NA | NA |
| 10/8/2018 | 14.5 | 0.08 | 14.4 | 14.6 | 111.3 | 79.3 | NA | NA | NA | NA | NA | NA |
| 10/9/2018 | 14.2 | 0.08 | 14.1 | 14.4 | 125.5 | 89.5 | NA | NA | NA | NA | NA | NA |
| 10/10/2018 | 14.2 | 0.05 | 14.0 | 14.2 | 139.7 | 99.7 | NA | NA | NA | NA | NA | NA |
| 10/11/2018 | 14.0 | 0.09 | 13.9 | 14.1 | 153.7 | 109.7 | NA | NA | NA | NA | NA | NA |
| 10/12/2018 | 13.6 | 0.23 | 13.1 | 13.8 | 167.4 | 119.4 | NA | NA | NA | NA | NA | NA |
| 10/13/2018 | 13.3 | 0.21 | 13.0 | 13.5 | 180.7 | 128.7 | NA | NA | NA | NA | NA | NA |
| 10/14/2018 | 13.2 | 0.14 | 13.1 | 13.5 | 193.9 | 137.9 | NA | NA | NA | NA | NA | NA |



Daily mean temperature for Bayfield, N.S., 2018.

Cape Tormentine, N.B.

2018

April

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 4/29/2018 | 2.4 | 0.37 | 2.2 | 3.2 | 2.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/30/2018 | 2.5 | 0.28 | 2.2 | 3.2 | 4.9 | 0.0 | NA | NA | NA | NA | NA | NA |

May

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 5/1/2018 | 2.7 | 0.34 | 2.3 | 3.5 | 2.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/2/2018 | 3.0 | 0.40 | 2.5 | 3.8 | 5.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/3/2018 | 3.4 | 0.36 | 2.9 | 4.2 | 9.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/4/2018 | 3.4 | 0.34 | 3.1 | 4.3 | 12.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/5/2018 | 3.9 | 0.54 | 3.4 | 5.2 | 16.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/6/2018 | 4.5 | 0.47 | 4.0 | 5.4 | 20.8 | 0.5 | NA | NA | NA | NA | NA | NA |
| 5/7/2018 | 4.4 | 0.38 | 4.0 | 5.3 | 25.3 | 0.9 | NA | NA | NA | NA | NA | NA |
| 5/8/2018 | 4.6 | 0.54 | 4.0 | 5.8 | 29.9 | 1.5 | NA | NA | NA | NA | NA | NA |
| 5/9/2018 | 5.0 | 0.55 | 4.2 | 6.2 | 34.8 | 2.5 | NA | NA | NA | NA | NA | NA |
| 5/10/2018 | 5.6 | 0.72 | 4.6 | 6.4 | 40.4 | 4.0 | NA | NA | NA | NA | NA | NA |
| 5/11/2018 | 5.5 | 0.65 | 4.6 | 6.5 | 45.9 | 5.5 | NA | NA | NA | NA | NA | NA |
| 5/12/2018 | 6.0 | 0.30 | 5.4 | 6.4 | 51.9 | 7.5 | NA | NA | NA | NA | NA | NA |
| 5/13/2018 | 6.4 | 0.73 | 5.6 | 7.9 | 58.3 | 10.0 | NA | NA | NA | NA | NA | NA |
| 5/14/2018 | 6.6 | 0.77 | 5.9 | 8.2 | 65.0 | 12.6 | NA | NA | NA | NA | NA | NA |
| 5/15/2018 | 6.9 | 0.95 | 5.6 | 8.4 | 71.8 | 15.5 | NA | NA | NA | NA | NA | NA |
| 5/16/2018 | 7.0 | 0.72 | 6.1 | 8.4 | 78.8 | 18.5 | NA | NA | NA | NA | NA | NA |
| 5/17/2018 | 6.8 | 0.78 | 5.8 | 8.1 | 85.7 | 21.3 | NA | NA | NA | NA | NA | NA |
| 5/18/2018 | 6.9 | 0.53 | 6.4 | 8.0 | 92.6 | 24.3 | NA | NA | NA | NA | NA | NA |
| 5/19/2018 | 7.3 | 0.44 | 6.8 | 8.3 | 99.9 | 27.5 | NA | NA | NA | NA | NA | NA |
| 5/20/2018 | 7.6 | 0.32 | 7.0 | 8.3 | 107.5 | 31.2 | NA | NA | NA | NA | NA | NA |
| 5/21/2018 | 7.9 | 0.58 | 7.3 | 9.0 | 115.5 | 35.1 | NA | NA | NA | NA | NA | NA |
| 5/22/2018 | 8.6 | 0.19 | 8.3 | 9.0 | 124.0 | 39.7 | NA | NA | NA | NA | NA | NA |
| 5/23/2018 | 8.3 | 0.76 | 7.3 | 9.4 | 132.4 | 44.0 | NA | NA | NA | NA | NA | NA |
| 5/24/2018 | 8.9 | 0.27 | 8.6 | 9.4 | 141.3 | 48.9 | NA | NA | NA | NA | NA | NA |
| 5/25/2018 | 8.7 | 0.71 | 7.8 | 9.7 | 150.0 | 53.6 | NA | NA | NA | NA | NA | NA |
| 5/26/2018 | 8.8 | 0.59 | 8.2 | 9.8 | 158.8 | 58.4 | NA | NA | NA | NA | NA | NA |
| 5/27/2018 | 8.5 | 0.78 | 7.5 | 9.9 | 167.3 | 62.9 | NA | NA | NA | NA | NA | NA |
| 5/28/2018 | 8.1 | 0.75 | 7.0 | 9.4 | 175.4 | 67.0 | NA | NA | NA | NA | NA | NA |
| 5/29/2018 | 8.1 | 0.90 | 6.7 | 9.8 | 183.5 | 71.1 | NA | NA | NA | NA | NA | NA |
| 5/30/2018 | 8.6 | 0.66 | 7.6 | 10.0 | 192.1 | 75.7 | NA | NA | NA | NA | NA | NA |
| 5/31/2018 | 8.5 | 1.02 | 7.2 | 10.9 | 200.6 | 80.3 | NA | NA | NA | NA | NA | NA |

June

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/1/2018 | 8.7 | 1.07 | 7.2 | 10.8 | 8.7 | 4.7 | NA | NA | NA | NA | NA | NA |
| 6/2/2018 | 9.6 | 1.35 | 7.8 | 10.9 | 18.3 | 10.3 | NA | NA | NA | NA | NA | NA |
| 6/3/2018 | 10.7 | 0.22 | 10.2 | 11.1 | 29.0 | 17.0 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/4/2018 | 10.6 | 0.27 | 10.3 | 11.1 | 39.6 | 23.6 | NA | NA | NA | NA | NA | NA |
| 6/5/2018 | 10.1 | 0.44 | 9.3 | 10.9 | 49.7 | 29.7 | NA | NA | NA | NA | NA | NA |
| 6/6/2018 | 9.5 | 0.59 | 8.6 | 10.3 | 59.3 | 35.3 | NA | NA | NA | NA | NA | NA |
| 6/7/2018 | 8.5 | 0.58 | 7.8 | 9.9 | 67.8 | 39.8 | NA | NA | NA | NA | NA | NA |
| 6/8/2018 | 8.1 | 1.00 | 6.8 | 9.6 | 75.9 | 43.9 | NA | NA | NA | NA | NA | NA |
| 6/9/2018 | 9.7 | 0.75 | 8.1 | 10.6 | 85.6 | 49.6 | NA | NA | NA | NA | NA | NA |
| 6/10/2018 | 10.2 | 1.04 | 7.8 | 10.9 | 95.8 | 55.8 | NA | NA | NA | NA | NA | NA |
| 6/11/2018 | 10.7 | 0.58 | 9.2 | 11.3 | 106.5 | 62.5 | NA | NA | NA | NA | NA | NA |
| 6/12/2018 | 10.3 | 0.77 | 9.2 | 11.5 | 116.8 | 68.8 | NA | NA | NA | NA | NA | NA |
| 6/13/2018 | 11.0 | 0.89 | 9.2 | 12.4 | 127.7 | 75.7 | NA | NA | NA | NA | NA | NA |
| 6/14/2018 | 11.0 | 0.52 | 10.3 | 12.0 | 138.7 | 82.7 | NA | NA | NA | NA | NA | NA |
| 6/15/2018 | 11.0 | 0.40 | 10.5 | 11.9 | 149.8 | 89.8 | NA | NA | NA | NA | NA | NA |
| 6/16/2018 | 11.3 | 0.55 | 10.3 | 12.4 | 161.1 | 97.1 | NA | NA | NA | NA | NA | NA |
| 6/17/2018 | 11.8 | 0.39 | 11.0 | 12.2 | 172.8 | 104.8 | NA | NA | NA | NA | NA | NA |
| 6/18/2018 | 11.1 | 0.68 | 9.9 | 12.0 | 184.0 | 112.0 | NA | NA | NA | NA | NA | NA |
| 6/19/2018 | 11.7 | 0.56 | 11.0 | 12.6 | 195.6 | 119.6 | NA | NA | NA | NA | NA | NA |
| 6/20/2018 | 12.5 | 0.33 | 12.0 | 13.2 | 208.2 | 128.2 | NA | NA | NA | NA | NA | NA |
| 6/21/2018 | 12.6 | 1.08 | 10.7 | 14.0 | 220.8 | 136.8 | NA | NA | NA | NA | NA | NA |
| 6/22/2018 | 11.8 | 1.09 | 10.1 | 13.9 | 232.6 | 144.6 | NA | NA | NA | NA | NA | NA |
| 6/23/2018 | 11.0 | 1.21 | 9.4 | 12.7 | 243.6 | 151.6 | NA | NA | NA | NA | NA | NA |
| 6/24/2018 | 11.4 | 1.77 | 9.2 | 14.0 | 255.0 | 159.0 | NA | NA | NA | NA | NA | NA |
| 6/25/2018 | 13.0 | 0.34 | 12.1 | 13.5 | 268.0 | 168.0 | NA | NA | NA | NA | NA | NA |
| 6/26/2018 | 12.5 | 0.81 | 10.7 | 13.2 | 280.5 | 176.5 | NA | NA | NA | NA | NA | NA |
| 6/27/2018 | 12.0 | 1.15 | 10.7 | 14.1 | 292.5 | 184.5 | NA | NA | NA | NA | NA | NA |
| 6/28/2018 | 12.4 | 1.26 | 10.4 | 14.7 | 304.9 | 192.9 | NA | NA | NA | NA | NA | NA |
| 6/29/2018 | 11.6 | 0.76 | 10.3 | 12.9 | 316.5 | 200.5 | NA | NA | NA | NA | NA | NA |
| 6/30/2018 | 12.2 | 1.43 | 10.3 | 14.2 | 328.8 | 208.8 | NA | NA | NA | NA | NA | NA |

July

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/1/2018 | 11.9 | 1.07 | 9.7 | 13.5 | 11.9 | 7.9 | NA | NA | NA | NA | NA | NA |
| 7/2/2018 | 13.5 | 1.20 | 10.7 | 14.7 | 25.5 | 17.5 | NA | NA | NA | NA | NA | NA |
| 7/3/2018 | 11.6 | 1.21 | 10.0 | 14.1 | 37.1 | 25.1 | NA | NA | NA | NA | NA | NA |
| 7/4/2018 | 12.7 | 1.66 | 10.7 | 16.0 | 49.8 | 33.8 | NA | NA | NA | NA | NA | NA |
| 7/5/2018 | 12.6 | 0.91 | 11.3 | 14.2 | 62.4 | 42.4 | NA | NA | NA | NA | NA | NA |
| 7/6/2018 | 11.9 | 1.08 | 10.5 | 13.6 | 74.3 | 50.3 | NA | NA | NA | NA | NA | NA |
| 7/7/2018 | 15.6 | 0.90 | 13.0 | 16.5 | 89.9 | 61.9 | NA | NA | NA | NA | NA | NA |
| 7/8/2018 | 16.2 | 0.65 | 14.5 | 17.2 | 106.1 | 74.1 | NA | NA | NA | NA | NA | NA |
| 7/9/2018 | 14.9 | 1.19 | 13.4 | 16.9 | 120.9 | 84.9 | NA | NA | NA | NA | NA | NA |
| 7/10/2018 | 14.7 | 1.00 | 12.8 | 15.8 | 135.6 | 95.6 | NA | NA | NA | NA | NA | NA |
| 7/11/2018 | 15.4 | 1.70 | 12.5 | 17.4 | 151.0 | 107.0 | NA | NA | NA | NA | NA | NA |
| 7/12/2018 | 15.4 | 1.71 | 12.6 | 17.4 | 166.4 | 118.4 | NA | NA | NA | NA | NA | NA |
| 7/13/2018 | 15.3 | 1.45 | 13.1 | 17.3 | 181.7 | 129.7 | NA | NA | NA | NA | NA | NA |
| 7/14/2018 | 15.2 | 1.18 | 12.6 | 17.5 | 196.8 | 140.8 | NA | NA | NA | NA | NA | NA |
| 7/15/2018 | 15.5 | 0.93 | 13.9 | 17.1 | 212.3 | 152.3 | NA | NA | NA | NA | NA | NA |
| 7/16/2018 | 15.7 | 1.03 | 13.4 | 17.5 | 228.0 | 164.0 | NA | NA | NA | NA | NA | NA |
| 7/17/2018 | 15.9 | 0.99 | 13.7 | 17.1 | 243.9 | 175.9 | NA | NA | NA | NA | NA | NA |
| 7/18/2018 | 15.6 | 1.35 | 12.9 | 17.4 | 259.5 | 187.5 | NA | NA | NA | NA | NA | NA |
| 7/19/2018 | 16.1 | 1.33 | 13.7 | 17.7 | 275.6 | 199.6 | NA | NA | NA | NA | NA | NA |
| 7/20/2018 | 15.5 | 1.79 | 12.7 | 17.6 | 291.0 | 211.0 | NA | NA | NA | NA | NA | NA |
| 7/21/2018 | 14.2 | 1.47 | 12.6 | 16.4 | 305.2 | 221.2 | NA | NA | NA | NA | NA | NA |
| 7/22/2018 | 15.0 | 1.41 | 12.4 | 17.1 | 320.3 | 232.3 | NA | NA | NA | NA | NA | NA |
| 7/23/2018 | 15.4 | 1.87 | 13.0 | 18.4 | 335.7 | 243.7 | NA | NA | NA | NA | NA | NA |
| 7/24/2018 | 14.7 | 1.68 | 12.9 | 17.1 | 350.4 | 254.4 | NA | NA | NA | NA | NA | NA |
| 7/25/2018 | 14.6 | 2.02 | 12.3 | 17.5 | 365.0 | 265.0 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/26/2018 | 14.3 | 1.33 | 12.3 | 16.5 | 379.3 | 275.3 | NA | NA | NA | NA | NA | NA |
| 7/27/2018 | 14.2 | 1.25 | 12.2 | 16.1 | 393.6 | 285.6 | NA | NA | NA | NA | NA | NA |
| 7/28/2018 | 15.4 | 1.75 | 12.4 | 18.0 | 409.0 | 297.0 | NA | NA | NA | NA | NA | NA |
| 7/29/2018 | 15.5 | 1.23 | 13.9 | 17.3 | 424.5 | 308.5 | NA | NA | NA | NA | NA | NA |
| 7/30/2018 | 15.9 | 1.49 | 13.9 | 18.1 | 440.4 | 320.4 | NA | NA | NA | NA | NA | NA |
| 7/31/2018 | 16.2 | 1.55 | 13.9 | 18.9 | 456.6 | 332.6 | NA | NA | NA | NA | NA | NA |

August

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/1/2018 | 16.4 | 1.26 | 14.7 | 18.2 | 16.4 | 12.4 | NA | NA | NA | NA | NA | NA |
| 8/2/2018 | 15.2 | 1.27 | 13.4 | 17.5 | 31.6 | 23.6 | NA | NA | NA | NA | NA | NA |
| 8/3/2018 | 15.0 | 1.38 | 13.5 | 18.0 | 46.6 | 34.6 | NA | NA | NA | NA | NA | NA |
| 8/4/2018 | 14.8 | 0.96 | 13.5 | 16.5 | 61.5 | 45.5 | NA | NA | NA | NA | NA | NA |
| 8/5/2018 | 15.4 | 1.59 | 13.2 | 17.7 | 76.8 | 56.8 | NA | NA | NA | NA | NA | NA |
| 8/6/2018 | 16.0 | 1.66 | 14.0 | 19.3 | 92.8 | 68.8 | NA | NA | NA | NA | NA | NA |
| 8/7/2018 | 15.5 | 1.62 | 13.6 | 18.4 | 108.3 | 80.3 | NA | NA | NA | NA | NA | NA |
| 8/8/2018 | 16.0 | 1.86 | 13.4 | 19.0 | 124.3 | 92.3 | NA | NA | NA | NA | NA | NA |
| 8/9/2018 | 16.0 | 1.67 | 13.8 | 18.1 | 140.3 | 104.3 | NA | NA | NA | NA | NA | NA |
| 8/10/2018 | 16.5 | 1.28 | 13.9 | 18.4 | 156.8 | 116.8 | NA | NA | NA | NA | NA | NA |
| 8/11/2018 | 17.1 | 0.84 | 15.6 | 18.6 | 173.9 | 129.9 | NA | NA | NA | NA | NA | NA |
| 8/12/2018 | 17.1 | 1.05 | 14.8 | 18.7 | 191.0 | 143.0 | NA | NA | NA | NA | NA | NA |
| 8/13/2018 | 17.0 | 0.82 | 15.6 | 18.6 | 208.0 | 156.0 | NA | NA | NA | NA | NA | NA |
| 8/14/2018 | 16.8 | 0.88 | 15.0 | 18.2 | 224.8 | 168.8 | NA | NA | NA | NA | NA | NA |
| 8/15/2018 | 16.8 | 0.75 | 15.2 | 17.9 | 241.6 | 181.6 | NA | NA | NA | NA | NA | NA |
| 8/16/2018 | 17.2 | 0.77 | 15.8 | 18.3 | 258.7 | 194.7 | NA | NA | NA | NA | NA | NA |
| 8/17/2018 | 17.8 | 0.79 | 16.4 | 18.7 | 276.5 | 208.5 | NA | NA | NA | NA | NA | NA |
| 8/18/2018 | 15.8 | 1.17 | 13.9 | 17.8 | 292.3 | 220.3 | NA | NA | NA | NA | NA | NA |
| 8/19/2018 | 16.6 | 1.34 | 14.4 | 18.3 | 308.8 | 232.8 | NA | NA | NA | NA | NA | NA |
| 8/20/2018 | 16.2 | 1.27 | 14.4 | 18.1 | 325.1 | 245.1 | NA | NA | NA | NA | NA | NA |
| 8/21/2018 | 15.8 | 1.24 | 14.3 | 17.6 | 340.9 | 256.9 | NA | NA | NA | NA | NA | NA |
| 8/22/2018 | 15.4 | 1.53 | 14.0 | 18.0 | 356.3 | 268.3 | NA | NA | NA | NA | NA | NA |
| 8/23/2018 | 15.7 | 1.33 | 14.1 | 17.9 | 372.0 | 280.0 | NA | NA | NA | NA | NA | NA |
| 8/24/2018 | 16.9 | 1.21 | 14.7 | 19.1 | 388.9 | 292.9 | NA | NA | NA | NA | NA | NA |
| 8/25/2018 | 17.5 | 0.81 | 16.5 | 18.9 | 406.4 | 306.4 | NA | NA | NA | NA | NA | NA |
| 8/26/2018 | 17.5 | 0.62 | 16.3 | 18.6 | 423.9 | 319.9 | NA | NA | NA | NA | NA | NA |
| 8/27/2018 | 17.4 | 0.61 | 16.7 | 18.5 | 441.3 | 333.3 | NA | NA | NA | NA | NA | NA |
| 8/28/2018 | 17.3 | 1.08 | 15.5 | 18.5 | 458.6 | 346.6 | NA | NA | NA | NA | NA | NA |
| 8/29/2018 | 17.1 | 0.93 | 15.6 | 18.9 | 475.7 | 359.7 | NA | NA | NA | NA | NA | NA |
| 8/30/2018 | 16.7 | 1.04 | 14.3 | 18.6 | 492.4 | 372.4 | NA | NA | NA | NA | NA | NA |
| 8/31/2018 | 17.4 | 0.84 | 15.4 | 18.2 | 509.8 | 385.8 | NA | NA | NA | NA | NA | NA |

September

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/1/2018 | 16.5 | 1.12 | 14.7 | 18.3 | 16.5 | 12.5 | NA | NA | NA | NA | NA | NA |
| 9/2/2018 | 15.4 | 0.76 | 14.3 | 16.9 | 31.9 | 23.9 | NA | NA | NA | NA | NA | NA |
| 9/3/2018 | 15.4 | 1.14 | 14.1 | 17.4 | 47.2 | 35.2 | NA | NA | NA | NA | NA | NA |
| 9/4/2018 | 15.6 | 1.29 | 13.3 | 17.1 | 62.8 | 46.8 | NA | NA | NA | NA | NA | NA |
| 9/5/2018 | 15.9 | 1.54 | 14.0 | 17.9 | 78.8 | 58.8 | NA | NA | NA | NA | NA | NA |
| 9/6/2018 | 15.5 | 1.80 | 13.2 | 18.2 | 94.2 | 70.2 | NA | NA | NA | NA | NA | NA |
| 9/7/2018 | 16.7 | 1.14 | 14.3 | 18.6 | 111.0 | 83.0 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/8/2018 | 17.4 | 1.12 | 14.5 | 18.5 | 128.4 | 96.4 | NA | NA | NA | NA | NA | NA |
| 9/9/2018 | 18.0 | 0.45 | 17.1 | 18.8 | 146.5 | 110.5 | NA | NA | NA | NA | NA | NA |
| 9/10/2018 | 17.5 | 0.82 | 16.2 | 18.5 | 163.9 | 123.9 | NA | NA | NA | NA | NA | NA |
| 9/11/2018 | 16.4 | 1.03 | 15.2 | 18.5 | 180.4 | 136.4 | NA | NA | NA | NA | NA | NA |
| 9/12/2018 | 16.5 | 0.39 | 15.8 | 17.1 | 196.8 | 148.8 | NA | NA | NA | NA | NA | NA |
| 9/13/2018 | 16.8 | 0.28 | 16.4 | 17.5 | 213.7 | 161.7 | NA | NA | NA | NA | NA | NA |
| 9/14/2018 | 16.9 | 0.44 | 15.8 | 17.5 | 230.6 | 174.6 | NA | NA | NA | NA | NA | NA |
| 9/15/2018 | 16.5 | 0.88 | 14.8 | 17.9 | 247.1 | 187.1 | NA | NA | NA | NA | NA | NA |
| 9/16/2018 | 16.9 | 0.62 | 16.3 | 18.5 | 264.1 | 200.1 | NA | NA | NA | NA | NA | NA |
| 9/17/2018 | 16.5 | 1.01 | 14.9 | 18.1 | 280.6 | 212.6 | NA | NA | NA | NA | NA | NA |
| 9/18/2018 | 17.2 | 1.41 | 14.5 | 18.6 | 297.8 | 225.8 | NA | NA | NA | NA | NA | NA |
| 9/19/2018 | 18.5 | 0.24 | 18.2 | 18.9 | 316.3 | 240.3 | NA | NA | NA | NA | NA | NA |
| 9/20/2018 | 18.4 | 0.17 | 18.2 | 18.7 | 334.7 | 254.7 | NA | NA | NA | NA | NA | NA |
| 9/21/2018 | 18.0 | 0.22 | 17.5 | 18.3 | 352.7 | 268.7 | NA | NA | NA | NA | NA | NA |
| 9/22/2018 | 17.2 | 0.22 | 16.8 | 17.4 | 369.9 | 281.9 | NA | NA | NA | NA | NA | NA |
| 9/23/2018 | 16.9 | 0.11 | 16.8 | 17.1 | 386.8 | 294.8 | NA | NA | NA | NA | NA | NA |
| 9/24/2018 | 17.0 | 0.32 | 16.5 | 17.4 | 403.8 | 307.8 | NA | NA | NA | NA | NA | NA |
| 9/25/2018 | 16.9 | 0.22 | 16.6 | 17.3 | 420.7 | 320.7 | NA | NA | NA | NA | NA | NA |
| 9/26/2018 | 16.2 | 0.26 | 15.8 | 16.8 | 436.9 | 332.9 | NA | NA | NA | NA | NA | NA |
| 9/27/2018 | 16.2 | 0.12 | 16.0 | 16.4 | 453.1 | 345.1 | NA | NA | NA | NA | NA | NA |
| 9/28/2018 | 16.1 | 0.14 | 15.9 | 16.3 | 469.2 | 357.2 | NA | NA | NA | NA | NA | NA |
| 9/29/2018 | 16.0 | 0.13 | 15.8 | 16.2 | 485.3 | 369.3 | NA | NA | NA | NA | NA | NA |
| 9/30/2018 | 15.9 | 0.18 | 15.6 | 16.2 | 501.2 | 381.2 | NA | NA | NA | NA | NA | NA |

October

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/1/2018 | 15.8 | 0.18 | 15.6 | 16.1 | 15.8 | 11.8 | NA | NA | NA | NA | NA | NA |
| 10/2/2018 | 15.7 | 0.17 | 15.4 | 15.9 | 31.6 | 23.6 | NA | NA | NA | NA | NA | NA |
| 10/3/2018 | 15.4 | 0.10 | 15.3 | 15.6 | 47.0 | 35.0 | NA | NA | NA | NA | NA | NA |
| 10/4/2018 | 15.6 | 0.13 | 15.4 | 15.7 | 62.6 | 46.6 | NA | NA | NA | NA | NA | NA |
| 10/5/2018 | 15.4 | 0.10 | 15.2 | 15.6 | 77.9 | 57.9 | NA | NA | NA | NA | NA | NA |
| 10/6/2018 | 15.2 | 0.12 | 15.1 | 15.4 | 93.2 | 69.2 | NA | NA | NA | NA | NA | NA |
| 10/7/2018 | 15.1 | 0.15 | 14.8 | 15.3 | 108.2 | 80.2 | NA | NA | NA | NA | NA | NA |
| 10/8/2018 | 14.9 | 0.18 | 14.6 | 15.1 | 123.2 | 91.2 | NA | NA | NA | NA | NA | NA |
| 10/9/2018 | 14.8 | 0.18 | 14.5 | 15.0 | 137.9 | 101.9 | NA | NA | NA | NA | NA | NA |
| 10/10/2018 | 14.6 | 0.15 | 14.4 | 14.9 | 152.6 | 112.6 | NA | NA | NA | NA | NA | NA |
| 10/11/2018 | 14.5 | 0.13 | 14.2 | 14.7 | 167.0 | 123.0 | NA | NA | NA | NA | NA | NA |
| 10/12/2018 | 14.1 | 0.29 | 13.7 | 14.5 | 181.2 | 133.2 | NA | NA | NA | NA | NA | NA |
| 10/13/2018 | 13.8 | 0.39 | 13.2 | 14.4 | 195.0 | 143.0 | NA | NA | NA | NA | NA | NA |
| 10/14/2018 | 13.2 | 0.31 | 12.7 | 13.9 | 208.1 | 152.1 | NA | NA | NA | NA | NA | NA |
| 10/15/2018 | 12.5 | 0.19 | 12.3 | 12.9 | 220.7 | 160.7 | NA | NA | NA | NA | NA | NA |
| 10/16/2018 | 12.4 | 0.35 | 11.7 | 12.8 | 233.0 | 169.0 | NA | NA | NA | NA | NA | NA |
| 10/17/2018 | 12.4 | 0.63 | 11.4 | 13.1 | 245.5 | 177.5 | NA | NA | NA | NA | NA | NA |
| 10/18/2018 | 12.1 | 0.46 | 11.4 | 12.8 | 257.5 | 185.5 | NA | NA | NA | NA | NA | NA |
| 10/19/2018 | 10.8 | 0.38 | 10.1 | 11.3 | 268.3 | 192.3 | NA | NA | NA | NA | NA | NA |
| 10/20/2018 | 10.0 | 0.53 | 8.9 | 10.5 | 278.3 | 198.3 | NA | NA | NA | NA | NA | NA |
| 10/21/2018 | 10.0 | 0.41 | 9.4 | 10.5 | 288.3 | 204.3 | NA | NA | NA | NA | NA | NA |
| 10/22/2018 | 10.1 | 0.44 | 9.4 | 10.8 | 298.5 | 210.5 | NA | NA | NA | NA | NA | NA |
| 10/23/2018 | 9.7 | 0.19 | 9.4 | 10.1 | 308.2 | 216.2 | NA | NA | NA | NA | NA | NA |
| 10/24/2018 | 9.4 | 0.42 | 8.7 | 9.9 | 317.6 | 221.6 | NA | NA | NA | NA | NA | NA |
| 10/25/2018 | 9.3 | 0.33 | 8.8 | 9.7 | 326.9 | 226.9 | NA | NA | NA | NA | NA | NA |
| 10/26/2018 | 8.5 | 0.29 | 8.1 | 9.2 | 335.4 | 231.4 | NA | NA | NA | NA | NA | NA |
| 10/27/2018 | 8.0 | 0.21 | 7.5 | 8.2 | 343.4 | 235.4 | NA | NA | NA | NA | NA | NA |
| 10/28/2018 | 7.7 | 0.26 | 7.1 | 8.0 | 351.2 | 239.2 | NA | NA | NA | NA | NA | NA |
| 10/29/2018 | 7.9 | 0.09 | 7.7 | 8.0 | 359.0 | 243.0 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/30/2018 | 7.9 | 0.02 | 7.8 | 7.9 | 366.9 | 246.9 | NA | NA | NA | NA | NA | NA |
| 10/31/2018 | 7.8 | 0.03 | 7.8 | 7.8 | 374.7 | 250.7 | NA | NA | NA | NA | NA | NA |

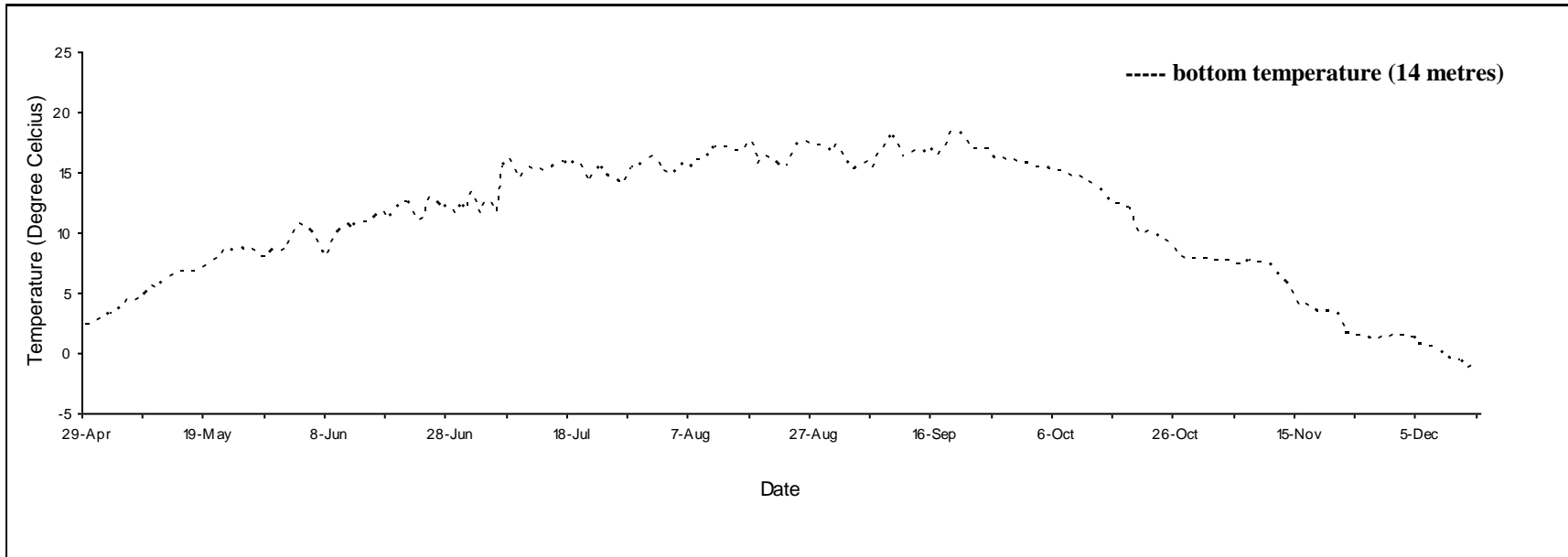
November

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 11/1/2018 | 7.8 | 0.03 | 7.7 | 7.8 | 7.8 | 3.8 | NA | NA | NA | NA | NA | NA |
| 11/2/2018 | 7.8 | 0.05 | 7.7 | 7.9 | 15.6 | 7.6 | NA | NA | NA | NA | NA | NA |
| 11/3/2018 | 7.8 | 0.06 | 7.7 | 7.9 | 23.3 | 11.3 | NA | NA | NA | NA | NA | NA |
| 11/4/2018 | 7.7 | 0.20 | 7.4 | 8.1 | 31.0 | 15.0 | NA | NA | NA | NA | NA | NA |
| 11/5/2018 | 7.4 | 0.07 | 7.3 | 7.6 | 38.4 | 18.4 | NA | NA | NA | NA | NA | NA |
| 11/6/2018 | 7.5 | 0.05 | 7.4 | 7.6 | 45.9 | 21.9 | NA | NA | NA | NA | NA | NA |
| 11/7/2018 | 7.7 | 0.10 | 7.6 | 7.9 | 53.6 | 25.6 | NA | NA | NA | NA | NA | NA |
| 11/8/2018 | 7.8 | 0.16 | 7.6 | 8.1 | 61.4 | 29.4 | NA | NA | NA | NA | NA | NA |
| 11/9/2018 | 7.6 | 0.09 | 7.5 | 7.8 | 69.0 | 33.0 | NA | NA | NA | NA | NA | NA |
| 11/10/2018 | 7.5 | 0.05 | 7.4 | 7.6 | 76.5 | 36.5 | NA | NA | NA | NA | NA | NA |
| 11/11/2018 | 7.2 | 0.20 | 6.8 | 7.4 | 83.7 | 39.7 | NA | NA | NA | NA | NA | NA |
| 11/12/2018 | 6.4 | 0.19 | 6.1 | 6.6 | 90.0 | 42.0 | NA | NA | NA | NA | NA | NA |
| 11/13/2018 | 5.9 | 0.21 | 5.5 | 6.1 | 95.9 | 43.9 | NA | NA | NA | NA | NA | NA |
| 11/14/2018 | 5.4 | 0.35 | 4.6 | 5.7 | 101.3 | 45.3 | NA | NA | NA | NA | NA | NA |
| 11/15/2018 | 4.1 | 0.31 | 3.7 | 4.7 | 105.4 | 45.4 | NA | NA | NA | NA | NA | NA |
| 11/16/2018 | 4.0 | 0.77 | 2.9 | 4.9 | 109.4 | 45.4 | NA | NA | NA | NA | NA | NA |
| 11/17/2018 | 3.9 | 0.49 | 3.2 | 4.7 | 113.3 | 45.4 | NA | NA | NA | NA | NA | NA |
| 11/18/2018 | 3.6 | 0.23 | 3.2 | 3.8 | 116.9 | 45.4 | NA | NA | NA | NA | NA | NA |
| 11/19/2018 | 3.6 | 0.38 | 3.0 | 4.0 | 120.5 | 45.4 | NA | NA | NA | NA | NA | NA |
| 11/20/2018 | 3.5 | 0.30 | 3.0 | 3.8 | 124.0 | 45.4 | NA | NA | NA | NA | NA | NA |
| 11/21/2018 | 3.5 | 0.22 | 3.0 | 3.8 | 127.4 | 45.4 | NA | NA | NA | NA | NA | NA |
| 11/22/2018 | 2.8 | 0.37 | 2.2 | 3.3 | 130.3 | 45.4 | NA | NA | NA | NA | NA | NA |
| 11/23/2018 | 1.6 | 0.22 | 1.3 | 1.9 | 131.9 | 45.4 | NA | NA | NA | NA | NA | NA |
| 11/24/2018 | 1.6 | 0.30 | 0.9 | 2.0 | 133.5 | 45.4 | NA | NA | NA | NA | NA | NA |
| 11/25/2018 | 1.6 | 0.15 | 1.2 | 1.7 | 135.1 | 45.4 | NA | NA | NA | NA | NA | NA |
| 11/26/2018 | 1.4 | 0.13 | 1.2 | 1.6 | 136.5 | 45.4 | NA | NA | NA | NA | NA | NA |
| 11/27/2018 | 1.3 | 0.16 | 1.0 | 1.5 | 137.8 | 45.4 | NA | NA | NA | NA | NA | NA |
| 11/28/2018 | 1.2 | 0.12 | 0.9 | 1.4 | 139.0 | 45.4 | NA | NA | NA | NA | NA | NA |
| 11/29/2018 | 1.4 | 0.14 | 1.2 | 1.6 | 140.5 | 45.4 | NA | NA | NA | NA | NA | NA |
| 11/30/2018 | 1.3 | 0.11 | 1.1 | 1.6 | 141.8 | 45.4 | NA | NA | NA | NA | NA | NA |

December

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 12/1/2018 | 1.6 | 0.23 | 1.2 | 1.9 | 1.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/2/2018 | 1.5 | 0.16 | 1.2 | 1.7 | 3.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/3/2018 | 1.5 | 0.12 | 1.3 | 1.6 | 4.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/4/2018 | 1.3 | 0.21 | 0.9 | 1.5 | 5.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/5/2018 | 0.8 | 0.13 | 0.6 | 1.1 | 6.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/6/2018 | 0.8 | 0.12 | 0.5 | 1.0 | 7.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/7/2018 | 0.6 | 0.12 | 0.4 | 0.7 | 8.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/8/2018 | 0.4 | 0.15 | 0.2 | 0.6 | 8.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/9/2018 | -0.1 | 0.10 | -0.2 | 0.1 | 8.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/10/2018 | -0.4 | 0.36 | -1.2 | -0.1 | 8.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/11/2018 | -0.4 | 0.20 | -0.9 | -0.2 | 8.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/12/2018 | -0.6 | 0.24 | -1.2 | -0.3 | 8.4 | 0.0 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 12/13/2018 | -1.2 | 0.17 | -1.4 | -0.9 | 8.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/14/2018 | -1.1 | 0.22 | -1.5 | -0.8 | 8.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/15/2018 | -1.0 | 0.15 | -1.4 | -0.9 | 8.4 | 0.0 | NA | NA | NA | NA | NA | NA |



Daily mean temperature for Cape Tormentine, N.B., 2018.

Caribou, N.S.

2018

May

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 5/1/2018 | 2.3 | 0.73 | 1.5 | 3.6 | 2.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/2/2018 | 3.0 | 0.57 | 2.2 | 3.9 | 5.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/3/2018 | 3.6 | 0.16 | 3.3 | 3.8 | 8.9 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/4/2018 | 3.3 | 0.43 | 2.4 | 3.8 | 12.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/5/2018 | 3.3 | 0.29 | 2.8 | 3.7 | 15.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/6/2018 | 3.8 | 0.40 | 3.4 | 4.5 | 19.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/7/2018 | 4.5 | 0.30 | 4.1 | 5.0 | 23.8 | 0.5 | NA | NA | NA | NA | NA | NA |
| 5/8/2018 | 4.6 | 0.38 | 3.7 | 5.1 | 28.4 | 1.1 | NA | NA | NA | NA | NA | NA |
| 5/9/2018 | 5.2 | 0.29 | 4.8 | 5.7 | 33.6 | 2.3 | NA | NA | NA | NA | NA | NA |
| 5/10/2018 | 4.1 | 1.02 | 2.8 | 5.6 | 37.8 | 2.4 | NA | NA | NA | NA | NA | NA |
| 5/11/2018 | 4.0 | 0.59 | 3.2 | 5.1 | 41.8 | 2.5 | NA | NA | NA | NA | NA | NA |
| 5/12/2018 | 5.1 | 0.28 | 4.6 | 5.6 | 46.9 | 3.6 | NA | NA | NA | NA | NA | NA |
| 5/13/2018 | 5.6 | 0.26 | 5.4 | 6.1 | 52.6 | 5.2 | NA | NA | NA | NA | NA | NA |
| 5/14/2018 | 5.4 | 0.96 | 3.4 | 6.4 | 57.9 | 6.6 | NA | NA | NA | NA | NA | NA |
| 5/15/2018 | 5.5 | 0.58 | 4.6 | 6.5 | 63.5 | 8.2 | NA | NA | NA | NA | NA | NA |
| 5/16/2018 | 6.1 | 0.40 | 5.4 | 6.7 | 69.6 | 10.3 | NA | NA | NA | NA | NA | NA |
| 5/17/2018 | 5.6 | 0.50 | 4.5 | 6.3 | 75.2 | 11.9 | NA | NA | NA | NA | NA | NA |
| 5/18/2018 | 5.5 | 0.64 | 4.3 | 6.3 | 80.7 | 13.4 | NA | NA | NA | NA | NA | NA |
| 5/19/2018 | 5.9 | 0.32 | 5.5 | 6.5 | 86.7 | 15.3 | NA | NA | NA | NA | NA | NA |
| 5/20/2018 | 6.0 | 0.35 | 5.6 | 6.6 | 92.7 | 17.4 | NA | NA | NA | NA | NA | NA |
| 5/21/2018 | 6.1 | 0.58 | 5.3 | 7.0 | 98.8 | 19.5 | NA | NA | NA | NA | NA | NA |
| 5/22/2018 | 6.7 | 0.39 | 6.1 | 7.2 | 105.5 | 22.1 | NA | NA | NA | NA | NA | NA |
| 5/23/2018 | 7.0 | 0.30 | 6.2 | 7.3 | 112.4 | 25.1 | NA | NA | NA | NA | NA | NA |
| 5/24/2018 | 7.3 | 0.30 | 7.0 | 7.9 | 119.8 | 28.5 | NA | NA | NA | NA | NA | NA |
| 5/25/2018 | 7.7 | 0.29 | 6.8 | 7.9 | 127.5 | 32.1 | NA | NA | NA | NA | NA | NA |
| 5/26/2018 | 7.6 | 0.58 | 5.8 | 8.0 | 135.1 | 35.7 | NA | NA | NA | NA | NA | NA |
| 5/27/2018 | 7.5 | 0.45 | 6.5 | 8.0 | 142.5 | 39.2 | NA | NA | NA | NA | NA | NA |
| 5/28/2018 | 7.3 | 1.02 | 5.0 | 8.4 | 149.9 | 42.5 | NA | NA | NA | NA | NA | NA |
| 5/29/2018 | 7.1 | 0.83 | 5.7 | 8.1 | 156.9 | 45.6 | NA | NA | NA | NA | NA | NA |
| 5/30/2018 | 8.2 | 0.46 | 7.3 | 8.8 | 165.2 | 49.8 | NA | NA | NA | NA | NA | NA |
| 5/31/2018 | 7.9 | 0.92 | 5.8 | 8.8 | 173.1 | 53.7 | NA | NA | NA | NA | NA | NA |

June

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/1/2018 | 7.8 | 0.95 | 6.2 | 9.0 | 7.8 | 3.8 | NA | NA | NA | NA | NA | NA |
| 6/2/2018 | 8.5 | 1.26 | 6.5 | 10.1 | 16.3 | 8.3 | NA | NA | NA | NA | NA | NA |
| 6/3/2018 | 9.4 | 0.40 | 9.0 | 10.4 | 25.8 | 13.8 | NA | NA | NA | NA | NA | NA |
| 6/4/2018 | 9.4 | 0.33 | 8.8 | 9.9 | 35.2 | 19.2 | NA | NA | NA | NA | NA | NA |
| 6/5/2018 | 9.3 | 0.47 | 8.4 | 9.8 | 44.4 | 24.4 | NA | NA | NA | NA | NA | NA |
| 6/6/2018 | 8.1 | 0.88 | 6.9 | 9.5 | 52.5 | 28.5 | NA | NA | NA | NA | NA | NA |
| 6/7/2018 | 7.9 | 0.67 | 7.0 | 8.9 | 60.4 | 32.4 | NA | NA | NA | NA | NA | NA |
| 6/8/2018 | 8.6 | 0.48 | 7.8 | 9.3 | 69.0 | 37.0 | NA | NA | NA | NA | NA | NA |
| 6/9/2018 | 9.8 | 0.44 | 8.9 | 10.4 | 78.8 | 42.8 | NA | NA | NA | NA | NA | NA |
| 6/10/2018 | 10.4 | 0.38 | 9.7 | 10.9 | 89.2 | 49.2 | NA | NA | NA | NA | NA | NA |
| 6/11/2018 | 10.7 | 0.62 | 9.1 | 11.3 | 99.9 | 55.9 | NA | NA | NA | NA | NA | NA |
| 6/12/2018 | 10.8 | 0.67 | 9.1 | 11.4 | 110.7 | 62.7 | NA | NA | NA | NA | NA | NA |
| 6/13/2018 | 10.7 | 0.50 | 9.4 | 11.2 | 121.4 | 69.4 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/14/2018 | 9.8 | 0.94 | 8.2 | 11.0 | 131.1 | 75.1 | NA | NA | NA | NA | NA | NA |
| 6/15/2018 | 9.0 | 0.59 | 8.3 | 10.1 | 140.1 | 80.1 | NA | NA | NA | NA | NA | NA |
| 6/16/2018 | 9.6 | 0.39 | 9.0 | 10.1 | 149.7 | 85.7 | NA | NA | NA | NA | NA | NA |
| 6/17/2018 | 9.9 | 0.22 | 9.6 | 10.3 | 159.6 | 91.6 | NA | NA | NA | NA | NA | NA |
| 6/18/2018 | 10.1 | 0.34 | 9.6 | 10.5 | 169.7 | 97.7 | NA | NA | NA | NA | NA | NA |
| 6/19/2018 | 10.1 | 0.25 | 9.8 | 10.5 | 179.7 | 103.7 | NA | NA | NA | NA | NA | NA |
| 6/20/2018 | 10.5 | 0.50 | 10.2 | 11.7 | 190.3 | 110.3 | NA | NA | NA | NA | NA | NA |
| 6/21/2018 | 11.5 | 0.39 | 10.9 | 12.2 | 201.8 | 117.8 | NA | NA | NA | NA | NA | NA |
| 6/22/2018 | 11.9 | 0.28 | 11.4 | 12.4 | 213.7 | 125.7 | NA | NA | NA | NA | NA | NA |
| 6/23/2018 | 12.0 | 0.57 | 10.7 | 12.7 | 225.7 | 133.7 | NA | NA | NA | NA | NA | NA |
| 6/24/2018 | 12.0 | 0.83 | 10.7 | 12.9 | 237.6 | 141.6 | NA | NA | NA | NA | NA | NA |
| 6/25/2018 | 12.0 | 0.59 | 10.9 | 12.7 | 249.7 | 149.7 | NA | NA | NA | NA | NA | NA |
| 6/26/2018 | 12.6 | 0.39 | 12.3 | 13.4 | 262.3 | 158.3 | NA | NA | NA | NA | NA | NA |
| 6/27/2018 | 13.1 | 0.41 | 12.2 | 13.6 | 275.4 | 167.4 | NA | NA | NA | NA | NA | NA |
| 6/28/2018 | 13.5 | 0.53 | 11.9 | 14.1 | 288.9 | 176.9 | NA | NA | NA | NA | NA | NA |
| 6/29/2018 | 12.6 | 1.04 | 10.9 | 13.6 | 301.4 | 185.4 | NA | NA | NA | NA | NA | NA |
| 6/30/2018 | 12.5 | 1.05 | 10.9 | 13.7 | 314.0 | 194.0 | NA | NA | NA | NA | NA | NA |

July

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/1/2018 | 12.6 | 0.86 | 11.5 | 13.8 | 12.6 | 8.6 | NA | NA | NA | NA | NA | NA |
| 7/2/2018 | 13.2 | 1.04 | 11.3 | 14.4 | 25.8 | 17.8 | NA | NA | NA | NA | NA | NA |
| 7/3/2018 | 12.8 | 1.28 | 11.4 | 14.7 | 38.6 | 26.6 | NA | NA | NA | NA | NA | NA |
| 7/4/2018 | 13.5 | 0.99 | 12.0 | 15.0 | 52.1 | 36.1 | NA | NA | NA | NA | NA | NA |
| 7/5/2018 | 13.7 | 1.31 | 11.9 | 15.3 | 65.8 | 45.8 | NA | NA | NA | NA | NA | NA |
| 7/6/2018 | 14.2 | 1.24 | 12.0 | 15.6 | 80.0 | 56.0 | NA | NA | NA | NA | NA | NA |
| 7/7/2018 | 17.0 | 0.63 | 15.3 | 17.5 | 97.0 | 69.0 | NA | NA | NA | NA | NA | NA |
| 7/8/2018 | 16.8 | 0.66 | 15.3 | 17.3 | 113.8 | 81.8 | NA | NA | NA | NA | NA | NA |
| 7/9/2018 | 16.6 | 0.80 | 14.7 | 17.2 | 130.4 | 94.4 | NA | NA | NA | NA | NA | NA |
| 7/10/2018 | 17.1 | 0.63 | 15.6 | 17.7 | 147.5 | 107.5 | NA | NA | NA | NA | NA | NA |
| 7/11/2018 | 16.3 | 1.51 | 13.5 | 17.7 | 163.8 | 119.8 | NA | NA | NA | NA | NA | NA |
| 7/12/2018 | 15.5 | 1.21 | 13.6 | 16.9 | 179.3 | 131.3 | NA | NA | NA | NA | NA | NA |
| 7/13/2018 | 15.8 | 0.91 | 14.4 | 17.0 | 195.1 | 143.1 | NA | NA | NA | NA | NA | NA |
| 7/14/2018 | 15.0 | 1.14 | 13.4 | 16.5 | 210.1 | 154.1 | NA | NA | NA | NA | NA | NA |
| 7/15/2018 | 15.1 | 0.70 | 14.0 | 16.4 | 225.2 | 165.2 | NA | NA | NA | NA | NA | NA |
| 7/16/2018 | 15.0 | 0.65 | 14.2 | 16.2 | 240.2 | 176.2 | NA | NA | NA | NA | NA | NA |
| 7/17/2018 | 15.4 | 0.59 | 14.2 | 16.1 | 255.6 | 187.6 | NA | NA | NA | NA | NA | NA |
| 7/18/2018 | 16.1 | 0.27 | 15.5 | 16.4 | 271.6 | 199.6 | NA | NA | NA | NA | NA | NA |
| 7/19/2018 | 16.2 | 0.42 | 15.3 | 16.6 | 287.8 | 211.8 | NA | NA | NA | NA | NA | NA |
| 7/20/2018 | 16.6 | 0.52 | 15.5 | 17.2 | 304.5 | 224.5 | NA | NA | NA | NA | NA | NA |
| 7/21/2018 | 16.4 | 0.98 | 14.4 | 17.3 | 320.8 | 236.8 | NA | NA | NA | NA | NA | NA |
| 7/22/2018 | 15.6 | 0.81 | 14.4 | 16.8 | 336.5 | 248.5 | NA | NA | NA | NA | NA | NA |
| 7/23/2018 | 16.1 | 0.86 | 14.8 | 17.2 | 352.6 | 260.6 | NA | NA | NA | NA | NA | NA |
| 7/24/2018 | 16.9 | 1.20 | 14.8 | 18.5 | 369.5 | 273.5 | NA | NA | NA | NA | NA | NA |
| 7/25/2018 | 17.3 | 1.26 | 15.3 | 19.2 | 386.8 | 286.8 | NA | NA | NA | NA | NA | NA |
| 7/26/2018 | 17.0 | 1.37 | 14.6 | 18.8 | 403.8 | 299.8 | NA | NA | NA | NA | NA | NA |
| 7/27/2018 | 17.4 | 1.41 | 15.0 | 19.5 | 421.2 | 313.2 | NA | NA | NA | NA | NA | NA |
| 7/28/2018 | 17.2 | 1.60 | 14.8 | 19.2 | 438.4 | 326.4 | NA | NA | NA | NA | NA | NA |
| 7/29/2018 | 16.5 | 1.76 | 13.8 | 18.9 | 454.9 | 338.9 | NA | NA | NA | NA | NA | NA |
| 7/30/2018 | 16.9 | 1.83 | 13.4 | 19.6 | 471.8 | 351.8 | NA | NA | NA | NA | NA | NA |
| 7/31/2018 | 18.3 | 1.70 | 15.4 | 20.5 | 490.1 | 366.1 | NA | NA | NA | NA | NA | NA |

August

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/1/2018 | 18.1 | 1.92 | 15.4 | 20.1 | 18.1 | 14.1 | NA | NA | NA | NA | NA | NA |
| 8/2/2018 | 17.1 | 1.96 | 14.1 | 20.0 | 35.2 | 27.2 | NA | NA | NA | NA | NA | NA |
| 8/3/2018 | 18.7 | 0.92 | 17.1 | 19.8 | 53.9 | 41.9 | NA | NA | NA | NA | NA | NA |
| 8/4/2018 | 18.1 | 2.44 | 14.6 | 20.7 | 72.0 | 56.0 | NA | NA | NA | NA | NA | NA |
| 8/5/2018 | 17.4 | 2.08 | 14.0 | 19.9 | 89.4 | 69.4 | NA | NA | NA | NA | NA | NA |
| 8/6/2018 | 18.5 | 1.64 | 15.1 | 20.5 | 107.9 | 83.9 | NA | NA | NA | NA | NA | NA |
| 8/7/2018 | 17.9 | 2.19 | 14.2 | 20.7 | 125.9 | 97.9 | NA | NA | NA | NA | NA | NA |
| 8/8/2018 | 18.3 | 1.92 | 15.3 | 20.8 | 144.2 | 112.2 | NA | NA | NA | NA | NA | NA |
| 8/9/2018 | 17.9 | 2.37 | 13.0 | 20.7 | 162.0 | 126.0 | NA | NA | NA | NA | NA | NA |
| 8/10/2018 | 17.5 | 1.83 | 14.2 | 19.9 | 179.5 | 139.5 | NA | NA | NA | NA | NA | NA |
| 8/11/2018 | 19.1 | 1.70 | 16.2 | 21.1 | 198.6 | 154.6 | NA | NA | NA | NA | NA | NA |
| 8/12/2018 | 19.0 | 1.31 | 17.4 | 20.7 | 217.7 | 169.7 | NA | NA | NA | NA | NA | NA |
| 8/13/2018 | 18.6 | 1.56 | 15.6 | 20.2 | 236.3 | 184.3 | NA | NA | NA | NA | NA | NA |
| 8/14/2018 | 18.2 | 1.33 | 16.6 | 19.9 | 254.5 | 198.5 | NA | NA | NA | NA | NA | NA |
| 8/15/2018 | 17.7 | 1.41 | 15.5 | 19.6 | 272.2 | 212.2 | NA | NA | NA | NA | NA | NA |
| 8/16/2018 | 18.5 | 1.02 | 16.3 | 19.8 | 290.7 | 226.7 | NA | NA | NA | NA | NA | NA |
| 8/17/2018 | 19.4 | 0.85 | 17.6 | 20.7 | 310.1 | 242.1 | NA | NA | NA | NA | NA | NA |
| 8/18/2018 | 17.8 | 1.90 | 14.6 | 19.8 | 327.9 | 255.9 | NA | NA | NA | NA | NA | NA |
| 8/19/2018 | 17.4 | 1.07 | 16.0 | 18.8 | 345.3 | 269.3 | NA | NA | NA | NA | NA | NA |
| 8/20/2018 | 17.2 | 1.17 | 15.6 | 19.0 | 362.6 | 282.6 | NA | NA | NA | NA | NA | NA |
| 8/21/2018 | 17.2 | 1.13 | 16.1 | 19.2 | 379.8 | 295.8 | NA | NA | NA | NA | NA | NA |
| 8/22/2018 | 17.0 | 1.08 | 15.4 | 18.7 | 396.8 | 308.8 | NA | NA | NA | NA | NA | NA |
| 8/23/2018 | 16.5 | 1.07 | 15.2 | 18.2 | 413.3 | 321.3 | NA | NA | NA | NA | NA | NA |
| 8/24/2018 | 18.1 | 0.82 | 16.9 | 19.2 | 431.5 | 335.5 | NA | NA | NA | NA | NA | NA |
| 8/25/2018 | 18.9 | 0.38 | 18.4 | 19.5 | 450.4 | 350.4 | NA | NA | NA | NA | NA | NA |
| 8/26/2018 | 18.8 | 0.60 | 17.7 | 19.5 | 469.2 | 365.2 | NA | NA | NA | NA | NA | NA |
| 8/27/2018 | 17.6 | 1.36 | 15.3 | 19.3 | 486.8 | 378.8 | NA | NA | NA | NA | NA | NA |
| 8/28/2018 | 17.1 | 1.61 | 14.5 | 19.0 | 503.9 | 391.9 | NA | NA | NA | NA | NA | NA |
| 8/29/2018 | 17.5 | 1.92 | 13.5 | 19.3 | 521.4 | 405.4 | NA | NA | NA | NA | NA | NA |
| 8/30/2018 | 18.0 | 1.25 | 15.5 | 19.2 | 539.4 | 419.4 | NA | NA | NA | NA | NA | NA |
| 8/31/2018 | 18.4 | 1.43 | 15.1 | 19.4 | 557.8 | 433.8 | NA | NA | NA | NA | NA | NA |

September

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/1/2018 | 16.8 | 1.69 | 14.3 | 19.0 | 16.8 | 12.8 | NA | NA | NA | NA | NA | NA |
| 9/2/2018 | 16.8 | 1.22 | 14.9 | 18.5 | 33.5 | 25.5 | NA | NA | NA | NA | NA | NA |
| 9/3/2018 | 17.6 | 0.37 | 17.0 | 18.1 | 51.1 | 39.1 | NA | NA | NA | NA | NA | NA |
| 9/4/2018 | 17.7 | 1.11 | 14.6 | 18.7 | 68.8 | 52.8 | NA | NA | NA | NA | NA | NA |
| 9/5/2018 | 17.8 | 1.15 | 15.7 | 19.0 | 86.6 | 66.6 | NA | NA | NA | NA | NA | NA |
| 9/6/2018 | 17.4 | 1.37 | 14.0 | 18.7 | 104.0 | 80.0 | NA | NA | NA | NA | NA | NA |
| 9/7/2018 | 18.2 | 0.61 | 16.9 | 18.9 | 122.2 | 94.2 | NA | NA | NA | NA | NA | NA |
| 9/8/2018 | 18.4 | 0.46 | 17.5 | 18.9 | 140.5 | 108.5 | NA | NA | NA | NA | NA | NA |
| 9/9/2018 | 18.4 | 0.12 | 18.2 | 18.6 | 158.9 | 122.9 | NA | NA | NA | NA | NA | NA |
| 9/10/2018 | 17.9 | 0.20 | 17.4 | 18.2 | 176.8 | 136.8 | NA | NA | NA | NA | NA | NA |
| 9/11/2018 | 16.9 | 0.69 | 15.4 | 17.9 | 193.7 | 149.7 | NA | NA | NA | NA | NA | NA |
| 9/12/2018 | 16.5 | 0.62 | 15.2 | 17.5 | 210.2 | 162.2 | NA | NA | NA | NA | NA | NA |
| 9/13/2018 | 16.4 | 0.37 | 15.6 | 17.0 | 226.6 | 174.6 | NA | NA | NA | NA | NA | NA |
| 9/14/2018 | 16.6 | 0.28 | 16.1 | 17.0 | 243.2 | 187.2 | NA | NA | NA | NA | NA | NA |
| 9/15/2018 | 16.8 | 0.27 | 16.4 | 17.3 | 260.0 | 200.0 | NA | NA | NA | NA | NA | NA |
| 9/16/2018 | 17.2 | 0.23 | 16.9 | 17.5 | 277.1 | 213.1 | NA | NA | NA | NA | NA | NA |
| 9/17/2018 | 17.4 | 0.20 | 17.2 | 17.8 | 294.5 | 226.5 | NA | NA | NA | NA | NA | NA |
| 9/18/2018 | 17.9 | 0.07 | 17.8 | 18.0 | 312.4 | 240.4 | NA | NA | NA | NA | NA | NA |
| 9/19/2018 | 17.5 | 0.55 | 15.8 | 17.9 | 329.9 | 253.9 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/20/2018 | 15.7 | 0.82 | 14.6 | 16.9 | 345.5 | 265.5 | NA | NA | NA | NA | NA | NA |
| 9/21/2018 | 15.7 | 0.36 | 15.3 | 16.3 | 361.2 | 277.2 | NA | NA | NA | NA | NA | NA |
| 9/22/2018 | 15.9 | 0.09 | 15.8 | 16.2 | 377.1 | 289.1 | NA | NA | NA | NA | NA | NA |
| 9/23/2018 | 15.8 | 0.06 | 15.7 | 15.9 | 392.9 | 300.9 | NA | NA | NA | NA | NA | NA |
| 9/24/2018 | 15.7 | 0.11 | 15.4 | 15.8 | 408.6 | 312.6 | NA | NA | NA | NA | NA | NA |
| 9/25/2018 | 15.4 | 0.13 | 15.2 | 15.6 | 424.1 | 324.1 | NA | NA | NA | NA | NA | NA |
| 9/26/2018 | 15.1 | 0.22 | 14.8 | 15.5 | 439.2 | 335.2 | NA | NA | NA | NA | NA | NA |
| 9/27/2018 | 15.0 | 0.26 | 14.6 | 15.4 | 454.1 | 346.1 | NA | NA | NA | NA | NA | NA |
| 9/28/2018 | 13.8 | 1.11 | 12.0 | 15.3 | 468.0 | 356.0 | NA | NA | NA | NA | NA | NA |
| 9/29/2018 | 13.9 | 0.33 | 13.2 | 14.4 | 481.9 | 365.9 | NA | NA | NA | NA | NA | NA |
| 9/30/2018 | 14.1 | 0.18 | 13.9 | 14.6 | 496.0 | 376.0 | NA | NA | NA | NA | NA | NA |

October

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/1/2018 | 14.1 | 0.11 | 13.9 | 14.4 | 14.1 | 10.1 | NA | NA | NA | NA | NA | NA |
| 10/2/2018 | 14.0 | 0.08 | 13.9 | 14.2 | 28.1 | 20.1 | NA | NA | NA | NA | NA | NA |
| 10/3/2018 | 13.8 | 0.49 | 12.4 | 14.1 | 41.9 | 29.9 | NA | NA | NA | NA | NA | NA |
| 10/4/2018 | 12.7 | 0.89 | 11.4 | 14.1 | 54.6 | 38.6 | NA | NA | NA | NA | NA | NA |
| 10/5/2018 | 13.0 | 0.40 | 12.3 | 13.8 | 67.6 | 47.6 | NA | NA | NA | NA | NA | NA |
| 10/6/2018 | 13.3 | 0.20 | 13.1 | 13.6 | 80.9 | 56.9 | NA | NA | NA | NA | NA | NA |
| 10/7/2018 | 13.5 | 0.11 | 13.4 | 13.7 | 94.4 | 66.4 | NA | NA | NA | NA | NA | NA |
| 10/8/2018 | 13.4 | 0.14 | 13.1 | 13.6 | 107.8 | 75.8 | NA | NA | NA | NA | NA | NA |
| 10/9/2018 | 13.4 | 0.11 | 13.1 | 13.5 | 121.2 | 85.2 | NA | NA | NA | NA | NA | NA |
| 10/10/2018 | 13.4 | 0.08 | 13.3 | 13.5 | 134.5 | 94.5 | NA | NA | NA | NA | NA | NA |
| 10/11/2018 | 13.1 | 0.10 | 12.9 | 13.2 | 147.6 | 103.6 | NA | NA | NA | NA | NA | NA |
| 10/12/2018 | 12.7 | 0.14 | 12.4 | 12.8 | 160.3 | 112.3 | NA | NA | NA | NA | NA | NA |
| 10/13/2018 | 12.3 | 0.20 | 12.0 | 12.7 | 172.6 | 120.6 | NA | NA | NA | NA | NA | NA |
| 10/14/2018 | 11.8 | 0.15 | 11.6 | 12.1 | 184.4 | 128.4 | NA | NA | NA | NA | NA | NA |
| 10/15/2018 | 11.6 | 0.16 | 11.4 | 11.8 | 196.0 | 136.0 | NA | NA | NA | NA | NA | NA |
| 10/16/2018 | 11.8 | 0.11 | 11.6 | 11.9 | 207.8 | 143.8 | NA | NA | NA | NA | NA | NA |
| 10/17/2018 | 11.4 | 0.19 | 11.0 | 11.7 | 219.2 | 151.2 | NA | NA | NA | NA | NA | NA |
| 10/18/2018 | 11.2 | 0.13 | 11.0 | 11.4 | 230.4 | 158.4 | NA | NA | NA | NA | NA | NA |
| 10/19/2018 | 10.4 | 0.55 | 9.3 | 10.9 | 240.7 | 164.7 | NA | NA | NA | NA | NA | NA |
| 10/20/2018 | 10.1 | 0.21 | 9.8 | 10.6 | 250.9 | 170.9 | NA | NA | NA | NA | NA | NA |
| 10/21/2018 | 10.6 | 0.12 | 10.5 | 10.8 | 261.5 | 177.5 | NA | NA | NA | NA | NA | NA |
| 10/22/2018 | 10.6 | 0.22 | 10.0 | 10.8 | 272.0 | 184.0 | NA | NA | NA | NA | NA | NA |
| 10/23/2018 | 10.2 | 0.30 | 9.4 | 10.5 | 282.2 | 190.2 | NA | NA | NA | NA | NA | NA |
| 10/24/2018 | 10.0 | 0.15 | 9.8 | 10.3 | 292.2 | 196.2 | NA | NA | NA | NA | NA | NA |
| 10/25/2018 | 10.0 | 0.13 | 9.9 | 10.3 | 302.2 | 202.2 | NA | NA | NA | NA | NA | NA |
| 10/26/2018 | 9.5 | 0.24 | 9.1 | 9.8 | 311.6 | 207.6 | NA | NA | NA | NA | NA | NA |
| 10/27/2018 | 8.9 | 0.13 | 8.7 | 9.1 | 320.5 | 212.5 | NA | NA | NA | NA | NA | NA |
| 10/28/2018 | 8.6 | 0.11 | 8.4 | 8.8 | 329.2 | 217.2 | NA | NA | NA | NA | NA | NA |
| 10/29/2018 | 9.0 | 0.21 | 8.7 | 9.3 | 338.2 | 222.2 | NA | NA | NA | NA | NA | NA |
| 10/30/2018 | 9.3 | 0.11 | 9.1 | 9.4 | 347.5 | 227.5 | NA | NA | NA | NA | NA | NA |
| 10/31/2018 | 9.3 | 0.13 | 9.1 | 9.5 | 356.8 | 232.8 | NA | NA | NA | NA | NA | NA |

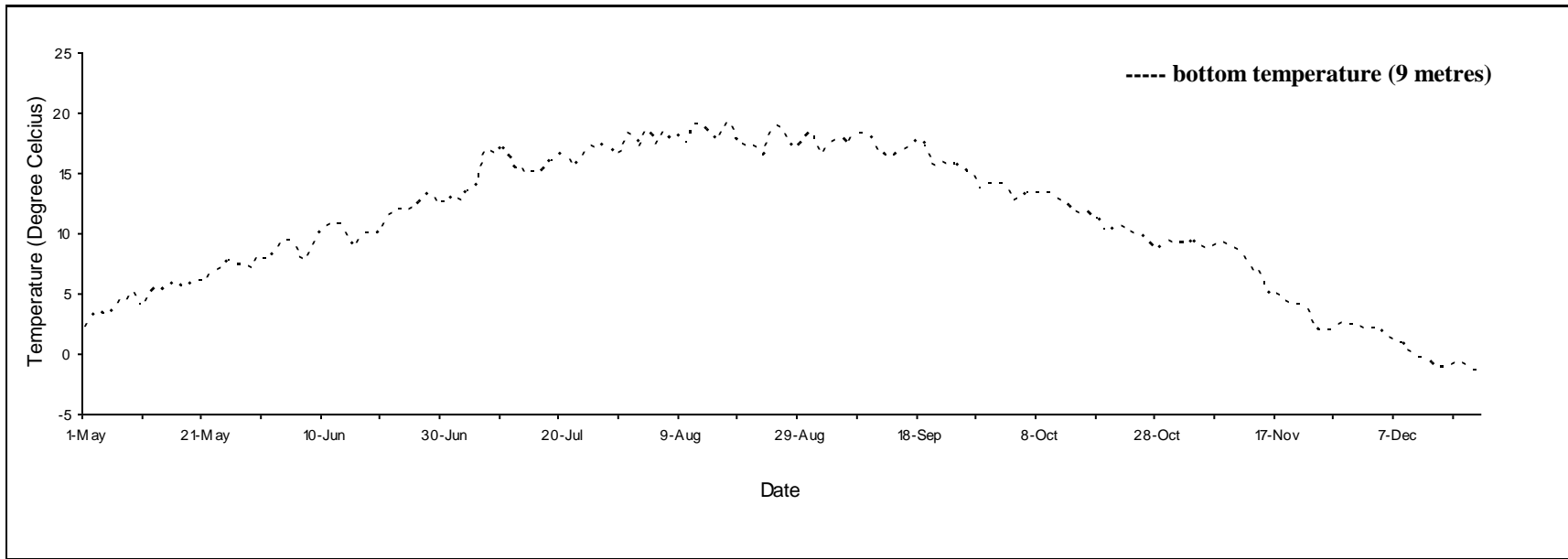
November

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 11/1/2018 | 9.2 | 0.09 | 9.0 | 9.4 | 9.2 | 5.2 | NA | NA | NA | NA | NA | NA |
| 11/2/2018 | 9.2 | 0.06 | 9.0 | 9.2 | 18.3 | 10.3 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 11/3/2018 | 9.3 | 0.16 | 9.1 | 9.6 | 27.7 | 15.7 | NA | NA | NA | NA | NA | NA |
| 11/4/2018 | 9.0 | 0.15 | 8.8 | 9.2 | 36.7 | 20.7 | NA | NA | NA | NA | NA | NA |
| 11/5/2018 | 8.8 | 0.05 | 8.7 | 8.9 | 45.4 | 25.4 | NA | NA | NA | NA | NA | NA |
| 11/6/2018 | 8.8 | 0.11 | 8.7 | 9.0 | 54.2 | 30.2 | NA | NA | NA | NA | NA | NA |
| 11/7/2018 | 9.1 | 0.18 | 8.7 | 9.3 | 63.3 | 35.3 | NA | NA | NA | NA | NA | NA |
| 11/8/2018 | 9.2 | 0.07 | 9.1 | 9.3 | 72.5 | 40.5 | NA | NA | NA | NA | NA | NA |
| 11/9/2018 | 9.0 | 0.09 | 8.9 | 9.2 | 81.5 | 45.5 | NA | NA | NA | NA | NA | NA |
| 11/10/2018 | 8.8 | 0.14 | 8.5 | 9.0 | 90.3 | 50.3 | NA | NA | NA | NA | NA | NA |
| 11/11/2018 | 8.5 | 0.28 | 7.7 | 8.7 | 98.7 | 54.7 | NA | NA | NA | NA | NA | NA |
| 11/12/2018 | 7.7 | 0.47 | 6.4 | 8.2 | 106.4 | 58.4 | NA | NA | NA | NA | NA | NA |
| 11/13/2018 | 7.0 | 0.30 | 6.3 | 7.4 | 113.5 | 61.5 | NA | NA | NA | NA | NA | NA |
| 11/14/2018 | 7.2 | 0.34 | 6.6 | 7.6 | 120.6 | 64.6 | NA | NA | NA | NA | NA | NA |
| 11/15/2018 | 5.5 | 0.49 | 4.7 | 6.6 | 126.1 | 66.1 | NA | NA | NA | NA | NA | NA |
| 11/16/2018 | 4.9 | 0.18 | 4.5 | 5.2 | 131.0 | 67.0 | NA | NA | NA | NA | NA | NA |
| 11/17/2018 | 5.0 | 0.57 | 4.5 | 5.9 | 136.0 | 68.0 | NA | NA | NA | NA | NA | NA |
| 11/18/2018 | 4.5 | 0.20 | 4.1 | 4.8 | 140.5 | 68.5 | NA | NA | NA | NA | NA | NA |
| 11/19/2018 | 4.2 | 0.17 | 3.8 | 4.4 | 144.7 | 68.7 | NA | NA | NA | NA | NA | NA |
| 11/20/2018 | 4.0 | 0.06 | 3.9 | 4.1 | 148.7 | 68.7 | NA | NA | NA | NA | NA | NA |
| 11/21/2018 | 4.1 | 0.10 | 3.9 | 4.3 | 152.8 | 68.8 | NA | NA | NA | NA | NA | NA |
| 11/22/2018 | 3.8 | 0.23 | 3.3 | 4.1 | 156.6 | 68.8 | NA | NA | NA | NA | NA | NA |
| 11/23/2018 | 2.5 | 0.46 | 1.9 | 3.3 | 159.1 | 68.8 | NA | NA | NA | NA | NA | NA |
| 11/24/2018 | 1.9 | 0.22 | 1.4 | 2.2 | 161.0 | 68.8 | NA | NA | NA | NA | NA | NA |
| 11/25/2018 | 1.9 | 0.08 | 1.8 | 2.0 | 162.9 | 68.8 | NA | NA | NA | NA | NA | NA |
| 11/26/2018 | 2.0 | 0.17 | 1.7 | 2.3 | 164.9 | 68.8 | NA | NA | NA | NA | NA | NA |
| 11/27/2018 | 2.3 | 0.18 | 2.0 | 2.5 | 167.1 | 68.8 | NA | NA | NA | NA | NA | NA |
| 11/28/2018 | 2.5 | 0.16 | 2.3 | 2.8 | 169.7 | 68.8 | NA | NA | NA | NA | NA | NA |
| 11/29/2018 | 2.4 | 0.13 | 2.1 | 2.5 | 172.1 | 68.8 | NA | NA | NA | NA | NA | NA |
| 11/30/2018 | 2.5 | 0.20 | 2.1 | 2.7 | 174.6 | 68.8 | NA | NA | NA | NA | NA | NA |

December

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 12/1/2018 | 2.3 | 0.22 | 1.9 | 2.7 | 2.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/2/2018 | 2.2 | 0.19 | 2.0 | 2.5 | 4.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/3/2018 | 2.2 | 0.16 | 1.9 | 2.5 | 6.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/4/2018 | 2.2 | 0.09 | 2.0 | 2.3 | 8.9 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/5/2018 | 1.7 | 0.11 | 1.5 | 1.9 | 10.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/6/2018 | 1.3 | 0.12 | 1.1 | 1.6 | 11.9 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/7/2018 | 1.0 | 0.08 | 0.9 | 1.2 | 12.9 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/8/2018 | 0.9 | 0.11 | 0.7 | 1.0 | 13.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/9/2018 | 0.3 | 0.13 | 0.2 | 0.6 | 14.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/10/2018 | 0.0 | 0.10 | -0.2 | 0.1 | 14.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/11/2018 | -0.3 | 0.14 | -0.7 | -0.2 | 14.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/12/2018 | -0.4 | 0.12 | -0.6 | -0.2 | 14.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/13/2018 | -0.7 | 0.25 | -1.1 | -0.2 | 14.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/14/2018 | -1.1 | 0.12 | -1.3 | -0.9 | 14.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/15/2018 | -1.0 | 0.11 | -1.2 | -0.8 | 14.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/16/2018 | -0.9 | 0.03 | -1.0 | -0.9 | 14.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/17/2018 | -0.8 | 0.16 | -0.9 | -0.5 | 14.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/18/2018 | -0.7 | 0.08 | -0.9 | -0.6 | 14.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/19/2018 | -1.1 | 0.11 | -1.3 | -1.0 | 14.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/20/2018 | -1.3 | 0.06 | -1.4 | -1.3 | 14.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/21/2018 | -1.4 | 0.03 | -1.4 | -1.3 | 14.1 | 0.0 | NA | NA | NA | NA | NA | NA |



Daily mean temperature for Caribou, N.S., 2018.

Cascumpeque, P.E.I.

2018

April

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 4/30/2018 | 1.5 | 0.65 | 0.0 | 2.2 | 1.5 | 0.0 | NA | NA | NA | NA | NA | NA |

May

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 5/1/2018 | 1.9 | 1.02 | -0.3 | 3.4 | 1.9 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/2/2018 | 2.3 | 0.88 | 1.5 | 3.9 | 4.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/3/2018 | 2.1 | 1.28 | 0.5 | 3.9 | 6.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/4/2018 | 1.4 | 0.90 | 0.2 | 2.9 | 7.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/5/2018 | 2.3 | 1.21 | 0.7 | 3.5 | 10.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/6/2018 | 3.4 | 0.20 | 2.9 | 3.6 | 13.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/7/2018 | 3.7 | 0.34 | 3.2 | 4.2 | 17.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/8/2018 | 3.4 | 1.06 | 2.2 | 4.8 | 20.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/9/2018 | 4.4 | 0.95 | 2.2 | 4.9 | 24.9 | 0.4 | NA | NA | NA | NA | NA | NA |
| 5/10/2018 | 1.5 | 0.56 | 0.6 | 2.4 | 26.4 | 0.4 | NA | NA | NA | NA | NA | NA |
| 5/11/2018 | 4.5 | 0.90 | 2.9 | 5.4 | 30.8 | 0.9 | NA | NA | NA | NA | NA | NA |
| 5/12/2018 | 2.5 | 1.49 | 0.0 | 5.1 | 33.3 | 0.9 | NA | NA | NA | NA | NA | NA |
| 5/13/2018 | 2.4 | 0.58 | 1.1 | 3.3 | 35.7 | 0.9 | NA | NA | NA | NA | NA | NA |
| 5/14/2018 | 3.5 | 1.55 | 1.2 | 5.1 | 39.2 | 0.9 | NA | NA | NA | NA | NA | NA |
| 5/15/2018 | 5.0 | 1.01 | 3.0 | 6.0 | 44.2 | 1.9 | NA | NA | NA | NA | NA | NA |
| 5/16/2018 | 3.6 | 2.12 | 1.4 | 6.2 | 47.8 | 1.9 | NA | NA | NA | NA | NA | NA |
| 5/17/2018 | 4.2 | 1.44 | 1.4 | 5.6 | 51.9 | 2.0 | NA | NA | NA | NA | NA | NA |
| 5/18/2018 | 4.2 | 0.47 | 3.3 | 5.0 | 56.1 | 2.3 | NA | NA | NA | NA | NA | NA |
| 5/19/2018 | 4.6 | 0.79 | 3.2 | 5.6 | 60.8 | 2.9 | NA | NA | NA | NA | NA | NA |
| 5/20/2018 | 5.5 | 0.63 | 4.0 | 6.2 | 66.3 | 4.4 | NA | NA | NA | NA | NA | NA |
| 5/21/2018 | 6.3 | 0.22 | 6.1 | 6.7 | 72.6 | 6.7 | NA | NA | NA | NA | NA | NA |
| 5/22/2018 | 4.8 | 0.91 | 3.7 | 6.3 | 77.4 | 7.5 | NA | NA | NA | NA | NA | NA |
| 5/23/2018 | 6.0 | 0.73 | 4.2 | 6.7 | 83.4 | 9.5 | NA | NA | NA | NA | NA | NA |
| 5/24/2018 | 1.5 | 1.37 | 0.2 | 4.0 | 84.9 | 9.5 | NA | NA | NA | NA | NA | NA |
| 5/25/2018 | 4.2 | 1.39 | 1.8 | 5.6 | 89.1 | 9.7 | NA | NA | NA | NA | NA | NA |
| 5/26/2018 | 5.5 | 0.15 | 5.3 | 5.8 | 94.6 | 11.2 | NA | NA | NA | NA | NA | NA |
| 5/27/2018 | 2.9 | 1.41 | 1.7 | 5.6 | 97.6 | 11.2 | NA | NA | NA | NA | NA | NA |
| 5/28/2018 | 4.6 | 1.40 | 1.9 | 6.2 | 102.2 | 11.9 | NA | NA | NA | NA | NA | NA |
| 5/29/2018 | 6.7 | 0.26 | 6.3 | 7.0 | 108.9 | 14.6 | NA | NA | NA | NA | NA | NA |
| 5/30/2018 | 4.9 | 2.15 | 1.8 | 7.1 | 113.8 | 15.5 | NA | NA | NA | NA | NA | NA |
| 5/31/2018 | 3.8 | 1.09 | 2.0 | 5.4 | 117.6 | 15.5 | NA | NA | NA | NA | NA | NA |

June

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/1/2018 | 5.6 | 0.73 | 4.0 | 6.4 | 5.6 | 1.6 | NA | NA | NA | NA | NA | NA |
| 6/2/2018 | 6.1 | 0.87 | 5.1 | 7.8 | 11.7 | 3.7 | NA | NA | NA | NA | NA | NA |
| 6/3/2018 | 3.2 | 2.81 | 0.2 | 7.2 | 14.9 | 3.7 | NA | NA | NA | NA | NA | NA |
| 6/4/2018 | 1.9 | 0.51 | 1.5 | 3.0 | 16.8 | 3.7 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/5/2018 | 4.4 | 0.70 | 3.2 | 5.3 | 21.2 | 4.1 | NA | NA | NA | NA | NA | NA |
| 6/6/2018 | 5.5 | 0.10 | 5.4 | 5.7 | 26.7 | 5.6 | NA | NA | NA | NA | NA | NA |
| 6/7/2018 | 5.7 | 0.11 | 5.6 | 5.9 | 32.5 | 7.3 | NA | NA | NA | NA | NA | NA |
| 6/8/2018 | 6.5 | 0.41 | 6.0 | 7.1 | 38.9 | 9.8 | NA | NA | NA | NA | NA | NA |
| 6/9/2018 | 7.4 | 0.21 | 7.1 | 7.7 | 46.4 | 13.2 | NA | NA | NA | NA | NA | NA |
| 6/10/2018 | 7.7 | 0.14 | 7.3 | 7.8 | 54.0 | 16.9 | NA | NA | NA | NA | NA | NA |
| 6/11/2018 | 7.0 | 0.34 | 6.4 | 7.4 | 61.0 | 19.9 | NA | NA | NA | NA | NA | NA |
| 6/12/2018 | 6.7 | 0.43 | 6.3 | 7.6 | 67.7 | 22.6 | NA | NA | NA | NA | NA | NA |
| 6/13/2018 | 8.0 | 0.30 | 7.4 | 8.3 | 75.7 | 26.6 | NA | NA | NA | NA | NA | NA |
| 6/14/2018 | 7.4 | 0.50 | 6.9 | 8.1 | 83.1 | 30.0 | NA | NA | NA | NA | NA | NA |
| 6/15/2018 | 6.6 | 0.45 | 5.9 | 7.1 | 89.7 | 32.6 | NA | NA | NA | NA | NA | NA |
| 6/16/2018 | 6.8 | 0.91 | 5.7 | 8.1 | 96.6 | 35.5 | NA | NA | NA | NA | NA | NA |
| 6/17/2018 | 6.4 | 0.31 | 6.1 | 7.0 | 103.0 | 37.8 | NA | NA | NA | NA | NA | NA |
| 6/18/2018 | 7.2 | 1.00 | 5.8 | 8.4 | 110.1 | 41.0 | NA | NA | NA | NA | NA | NA |
| 6/19/2018 | 8.9 | 0.17 | 8.5 | 9.1 | 119.0 | 45.9 | NA | NA | NA | NA | NA | NA |
| 6/20/2018 | 9.1 | 0.04 | 9.0 | 9.2 | 128.2 | 51.0 | NA | NA | NA | NA | NA | NA |
| 6/21/2018 | 9.7 | 0.40 | 9.1 | 10.1 | 137.9 | 56.7 | NA | NA | NA | NA | NA | NA |
| 6/22/2018 | 8.8 | 0.35 | 8.2 | 9.5 | 146.6 | 61.5 | NA | NA | NA | NA | NA | NA |
| 6/23/2018 | 9.9 | 0.54 | 8.9 | 10.5 | 156.6 | 67.4 | NA | NA | NA | NA | NA | NA |
| 6/24/2018 | 10.4 | 0.40 | 9.9 | 11.0 | 167.0 | 73.8 | NA | NA | NA | NA | NA | NA |
| 6/25/2018 | 9.1 | 0.62 | 8.1 | 10.0 | 176.0 | 78.9 | NA | NA | NA | NA | NA | NA |
| 6/26/2018 | 5.7 | 0.71 | 4.9 | 7.5 | 181.7 | 80.6 | NA | NA | NA | NA | NA | NA |
| 6/27/2018 | 7.4 | 1.33 | 5.9 | 9.2 | 189.1 | 84.0 | NA | NA | NA | NA | NA | NA |
| 6/28/2018 | 10.1 | 0.32 | 9.5 | 10.5 | 199.3 | 90.2 | NA | NA | NA | NA | NA | NA |
| 6/29/2018 | 10.7 | 0.18 | 10.5 | 11.0 | 210.0 | 96.9 | NA | NA | NA | NA | NA | NA |
| 6/30/2018 | 11.2 | 0.15 | 11.0 | 11.4 | 221.2 | 104.1 | NA | NA | NA | NA | NA | NA |

July

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/1/2018 | 11.2 | 0.38 | 10.9 | 11.9 | 11.2 | 7.2 | NA | NA | NA | NA | NA | NA |
| 7/2/2018 | 11.1 | 0.28 | 10.8 | 11.7 | 22.3 | 14.3 | NA | NA | NA | NA | NA | NA |
| 7/3/2018 | 11.8 | 0.87 | 10.6 | 12.9 | 34.1 | 22.1 | NA | NA | NA | NA | NA | NA |
| 7/4/2018 | 12.3 | 0.44 | 11.5 | 12.7 | 46.4 | 30.4 | NA | NA | NA | NA | NA | NA |
| 7/5/2018 | 11.6 | 0.20 | 11.3 | 11.9 | 58.0 | 38.0 | NA | NA | NA | NA | NA | NA |
| 7/6/2018 | 13.6 | 1.41 | 11.6 | 15.2 | 71.6 | 47.6 | NA | NA | NA | NA | NA | NA |
| 7/7/2018 | 14.1 | 1.78 | 11.6 | 15.7 | 85.7 | 57.7 | NA | NA | NA | NA | NA | NA |
| 7/8/2018 | 14.1 | 1.75 | 11.3 | 15.8 | 99.8 | 67.8 | NA | NA | NA | NA | NA | NA |
| 7/9/2018 | 15.9 | 0.32 | 15.3 | 16.5 | 115.7 | 79.7 | NA | NA | NA | NA | NA | NA |
| 7/10/2018 | 16.1 | 0.32 | 15.5 | 16.5 | 131.8 | 91.8 | NA | NA | NA | NA | NA | NA |
| 7/11/2018 | 16.0 | 0.52 | 14.9 | 16.6 | 147.8 | 103.8 | NA | NA | NA | NA | NA | NA |
| 7/12/2018 | 13.3 | 1.11 | 11.9 | 15.2 | 161.1 | 113.1 | NA | NA | NA | NA | NA | NA |
| 7/13/2018 | 13.8 | 0.97 | 12.1 | 15.0 | 174.9 | 122.9 | NA | NA | NA | NA | NA | NA |
| 7/14/2018 | 15.4 | 0.47 | 14.5 | 16.0 | 190.3 | 134.3 | NA | NA | NA | NA | NA | NA |
| 7/15/2018 | 15.8 | 0.52 | 14.7 | 16.5 | 206.2 | 146.2 | NA | NA | NA | NA | NA | NA |
| 7/16/2018 | 15.7 | 0.32 | 15.1 | 16.0 | 221.9 | 157.9 | NA | NA | NA | NA | NA | NA |
| 7/17/2018 | 15.6 | 0.35 | 14.6 | 15.9 | 237.5 | 169.5 | NA | NA | NA | NA | NA | NA |
| 7/18/2018 | 17.0 | 0.76 | 15.7 | 17.8 | 254.5 | 182.5 | NA | NA | NA | NA | NA | NA |
| 7/19/2018 | 17.0 | 0.71 | 16.0 | 17.8 | 271.6 | 195.6 | NA | NA | NA | NA | NA | NA |
| 7/20/2018 | 15.7 | 0.81 | 14.4 | 16.8 | 287.3 | 207.3 | NA | NA | NA | NA | NA | NA |
| 7/21/2018 | 15.5 | 1.01 | 14.0 | 16.6 | 302.8 | 218.8 | NA | NA | NA | NA | NA | NA |
| 7/22/2018 | 17.2 | 0.90 | 15.2 | 18.2 | 320.0 | 232.0 | NA | NA | NA | NA | NA | NA |
| 7/23/2018 | 18.8 | 0.21 | 18.5 | 19.1 | 338.8 | 246.8 | NA | NA | NA | NA | NA | NA |
| 7/24/2018 | 18.7 | 0.41 | 18.2 | 19.5 | 357.6 | 261.6 | NA | NA | NA | NA | NA | NA |
| 7/25/2018 | 19.2 | 0.48 | 18.6 | 20.0 | 376.8 | 276.8 | NA | NA | NA | NA | NA | NA |
| 7/26/2018 | 20.6 | 0.44 | 19.7 | 21.0 | 397.3 | 293.3 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/27/2018 | 20.9 | 0.11 | 20.7 | 21.1 | 418.3 | 310.3 | NA | NA | NA | NA | NA | NA |
| 7/28/2018 | 20.9 | 0.47 | 19.9 | 21.5 | 439.2 | 327.2 | NA | NA | NA | NA | NA | NA |
| 7/29/2018 | 20.9 | 0.59 | 19.9 | 21.6 | 460.2 | 344.2 | NA | NA | NA | NA | NA | NA |
| 7/30/2018 | 21.0 | 1.07 | 18.4 | 22.1 | 481.2 | 361.2 | NA | NA | NA | NA | NA | NA |
| 7/31/2018 | 18.7 | 2.15 | 15.4 | 21.7 | 499.9 | 375.9 | NA | NA | NA | NA | NA | NA |

August

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/1/2018 | 18.0 | 1.49 | 16.0 | 20.3 | 18.0 | 14.0 | NA | NA | NA | NA | NA | NA |
| 8/2/2018 | 20.5 | 1.35 | 18.6 | 22.1 | 38.5 | 30.5 | NA | NA | NA | NA | NA | NA |
| 8/3/2018 | 21.3 | 0.80 | 20.0 | 21.9 | 59.8 | 47.8 | NA | NA | NA | NA | NA | NA |
| 8/4/2018 | 20.4 | 0.61 | 19.0 | 21.4 | 80.3 | 64.3 | NA | NA | NA | NA | NA | NA |
| 8/5/2018 | 20.2 | 2.20 | 15.8 | 21.9 | 100.4 | 80.4 | NA | NA | NA | NA | NA | NA |
| 8/6/2018 | 20.1 | 1.93 | 16.5 | 21.8 | 120.5 | 96.5 | NA | NA | NA | NA | NA | NA |
| 8/7/2018 | 19.7 | 3.25 | 14.5 | 22.6 | 140.3 | 112.3 | NA | NA | NA | NA | NA | NA |
| 8/8/2018 | 20.1 | 2.36 | 16.9 | 22.8 | 160.4 | 128.4 | NA | NA | NA | NA | NA | NA |
| 8/9/2018 | 17.1 | 3.15 | 13.4 | 22.4 | 177.5 | 141.5 | NA | NA | NA | NA | NA | NA |
| 8/10/2018 | 22.3 | 0.23 | 21.9 | 22.6 | 199.8 | 159.8 | NA | NA | NA | NA | NA | NA |
| 8/11/2018 | 20.8 | 2.49 | 14.5 | 22.6 | 220.6 | 176.6 | NA | NA | NA | NA | NA | NA |
| 8/12/2018 | 18.1 | 2.07 | 14.7 | 20.7 | 238.7 | 190.7 | NA | NA | NA | NA | NA | NA |
| 8/13/2018 | 20.3 | 1.31 | 17.9 | 22.1 | 258.9 | 206.9 | NA | NA | NA | NA | NA | NA |
| 8/14/2018 | 20.2 | 2.06 | 17.1 | 22.5 | 279.1 | 223.1 | NA | NA | NA | NA | NA | NA |
| 8/15/2018 | 22.2 | 0.76 | 20.4 | 23.0 | 301.3 | 241.3 | NA | NA | NA | NA | NA | NA |
| 8/16/2018 | 22.1 | 1.13 | 19.7 | 23.0 | 323.4 | 259.4 | NA | NA | NA | NA | NA | NA |
| 8/17/2018 | 15.3 | 0.94 | 13.5 | 16.8 | 338.7 | 270.7 | NA | NA | NA | NA | NA | NA |
| 8/18/2018 | 17.0 | 1.74 | 14.3 | 19.8 | 355.7 | 283.7 | NA | NA | NA | NA | NA | NA |
| 8/19/2018 | 16.9 | 1.57 | 14.4 | 18.4 | 372.6 | 296.6 | NA | NA | NA | NA | NA | NA |
| 8/20/2018 | 15.6 | 1.67 | 13.0 | 17.9 | 388.2 | 308.2 | NA | NA | NA | NA | NA | NA |
| 8/21/2018 | 16.1 | 0.74 | 14.8 | 17.3 | 404.3 | 320.3 | NA | NA | NA | NA | NA | NA |
| 8/22/2018 | 15.9 | 1.58 | 13.9 | 18.6 | 420.2 | 332.2 | NA | NA | NA | NA | NA | NA |
| 8/23/2018 | 20.1 | 0.78 | 18.2 | 20.6 | 440.3 | 348.3 | NA | NA | NA | NA | NA | NA |
| 8/24/2018 | 20.6 | 0.49 | 19.2 | 21.0 | 460.9 | 364.9 | NA | NA | NA | NA | NA | NA |
| 8/25/2018 | 17.6 | 1.80 | 14.7 | 19.7 | 478.5 | 378.5 | NA | NA | NA | NA | NA | NA |
| 8/26/2018 | 17.0 | 0.84 | 15.8 | 18.3 | 495.6 | 391.6 | NA | NA | NA | NA | NA | NA |
| 8/27/2018 | 17.4 | 0.63 | 16.2 | 18.1 | 513.0 | 405.0 | NA | NA | NA | NA | NA | NA |
| 8/28/2018 | 18.2 | 0.14 | 18.0 | 18.4 | 531.2 | 419.2 | NA | NA | NA | NA | NA | NA |
| 8/29/2018 | 18.8 | 1.73 | 16.5 | 20.8 | 550.0 | 434.0 | NA | NA | NA | NA | NA | NA |
| 8/30/2018 | 17.4 | 1.78 | 14.9 | 20.3 | 567.5 | 447.5 | NA | NA | NA | NA | NA | NA |
| 8/31/2018 | 14.0 | 1.45 | 12.4 | 16.9 | 581.4 | 457.4 | NA | NA | NA | NA | NA | NA |

September

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/1/2018 | 16.0 | 2.19 | 12.2 | 18.8 | 16.0 | 12.0 | NA | NA | NA | NA | NA | NA |
| 9/2/2018 | 19.6 | 0.18 | 19.2 | 19.8 | 35.6 | 27.6 | NA | NA | NA | NA | NA | NA |
| 9/3/2018 | 20.0 | 0.14 | 19.8 | 20.2 | 55.6 | 43.6 | NA | NA | NA | NA | NA | NA |
| 9/4/2018 | 20.1 | 0.04 | 20.0 | 20.2 | 75.7 | 59.7 | NA | NA | NA | NA | NA | NA |
| 9/5/2018 | 18.0 | 0.57 | 16.7 | 18.7 | 93.7 | 73.7 | NA | NA | NA | NA | NA | NA |
| 9/6/2018 | 18.7 | 1.29 | 16.5 | 19.9 | 112.4 | 88.4 | NA | NA | NA | NA | NA | NA |
| 9/7/2018 | 18.2 | 0.85 | 17.1 | 19.9 | 130.7 | 102.7 | NA | NA | NA | NA | NA | NA |
| 9/8/2018 | 18.5 | 0.68 | 17.1 | 19.4 | 149.1 | 117.1 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/9/2018 | 16.2 | 1.12 | 14.4 | 17.8 | 165.3 | 129.3 | NA | NA | NA | NA | NA | NA |
| 9/10/2018 | 17.3 | 0.92 | 16.0 | 18.3 | 182.6 | 142.6 | NA | NA | NA | NA | NA | NA |
| 9/11/2018 | 18.3 | 0.22 | 17.9 | 18.5 | 200.9 | 156.9 | NA | NA | NA | NA | NA | NA |
| 9/12/2018 | 18.6 | 0.28 | 18.1 | 18.9 | 219.5 | 171.5 | NA | NA | NA | NA | NA | NA |
| 9/13/2018 | 17.9 | 0.30 | 17.3 | 18.4 | 237.4 | 185.4 | NA | NA | NA | NA | NA | NA |
| 9/14/2018 | 17.6 | 0.15 | 17.4 | 17.8 | 255.0 | 199.0 | NA | NA | NA | NA | NA | NA |
| 9/15/2018 | 17.9 | 0.36 | 17.3 | 18.3 | 272.9 | 212.9 | NA | NA | NA | NA | NA | NA |
| 9/16/2018 | 18.5 | 0.28 | 17.7 | 18.7 | 291.4 | 227.4 | NA | NA | NA | NA | NA | NA |
| 9/17/2018 | 17.0 | 0.77 | 15.9 | 18.0 | 308.4 | 240.4 | NA | NA | NA | NA | NA | NA |
| 9/18/2018 | 18.5 | 0.29 | 18.0 | 18.9 | 327.0 | 255.0 | NA | NA | NA | NA | NA | NA |
| 9/19/2018 | 16.5 | 0.63 | 15.8 | 17.9 | 343.5 | 267.5 | NA | NA | NA | NA | NA | NA |
| 9/20/2018 | 16.7 | 0.09 | 16.6 | 16.9 | 360.2 | 280.2 | NA | NA | NA | NA | NA | NA |
| 9/21/2018 | 16.6 | 0.22 | 16.2 | 16.9 | 376.8 | 292.8 | NA | NA | NA | NA | NA | NA |
| 9/22/2018 | 17.2 | 0.30 | 16.6 | 17.5 | 394.0 | 306.0 | NA | NA | NA | NA | NA | NA |
| 9/23/2018 | 17.1 | 0.20 | 16.8 | 17.4 | 411.1 | 319.1 | NA | NA | NA | NA | NA | NA |
| 9/24/2018 | 16.5 | 0.24 | 16.3 | 16.9 | 427.6 | 331.6 | NA | NA | NA | NA | NA | NA |
| 9/25/2018 | 15.3 | 0.55 | 14.4 | 16.2 | 442.9 | 342.9 | NA | NA | NA | NA | NA | NA |
| 9/26/2018 | 15.6 | 0.06 | 15.5 | 15.7 | 458.5 | 354.5 | NA | NA | NA | NA | NA | NA |
| 9/27/2018 | 15.8 | 0.05 | 15.7 | 15.9 | 474.3 | 366.3 | NA | NA | NA | NA | NA | NA |
| 9/28/2018 | 15.2 | 0.35 | 14.7 | 15.6 | 489.5 | 377.5 | NA | NA | NA | NA | NA | NA |
| 9/29/2018 | 15.3 | 0.08 | 15.1 | 15.4 | 504.8 | 388.8 | NA | NA | NA | NA | NA | NA |
| 9/30/2018 | 14.7 | 0.58 | 14.0 | 15.4 | 519.6 | 399.6 | NA | NA | NA | NA | NA | NA |

October

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/1/2018 | 14.8 | 0.29 | 14.3 | 15.1 | 14.8 | 10.8 | NA | NA | NA | NA | NA | NA |
| 10/2/2018 | 14.9 | 0.06 | 14.8 | 15.0 | 29.6 | 21.6 | NA | NA | NA | NA | NA | NA |
| 10/3/2018 | 14.3 | 0.29 | 13.9 | 14.9 | 43.9 | 31.9 | NA | NA | NA | NA | NA | NA |
| 10/4/2018 | 14.4 | 0.19 | 14.1 | 14.6 | 58.4 | 42.4 | NA | NA | NA | NA | NA | NA |
| 10/5/2018 | 14.6 | 0.20 | 14.3 | 14.8 | 73.0 | 53.0 | NA | NA | NA | NA | NA | NA |
| 10/6/2018 | 13.7 | 0.42 | 12.9 | 14.3 | 86.7 | 62.7 | NA | NA | NA | NA | NA | NA |
| 10/7/2018 | 13.8 | 0.16 | 13.4 | 13.9 | 100.5 | 72.5 | NA | NA | NA | NA | NA | NA |
| 10/8/2018 | 13.1 | 0.45 | 12.5 | 13.9 | 113.6 | 81.6 | NA | NA | NA | NA | NA | NA |
| 10/9/2018 | 13.3 | 0.14 | 13.0 | 13.5 | 126.9 | 90.9 | NA | NA | NA | NA | NA | NA |
| 10/10/2018 | 13.5 | 0.05 | 13.4 | 13.5 | 140.4 | 100.4 | NA | NA | NA | NA | NA | NA |
| 10/11/2018 | 12.5 | 0.39 | 12.0 | 13.0 | 152.9 | 108.9 | NA | NA | NA | NA | NA | NA |
| 10/12/2018 | 11.7 | 0.79 | 10.8 | 12.7 | 164.6 | 116.6 | NA | NA | NA | NA | NA | NA |
| 10/13/2018 | 12.2 | 0.39 | 11.3 | 12.5 | 176.8 | 124.8 | NA | NA | NA | NA | NA | NA |
| 10/14/2018 | 12.4 | 0.10 | 12.2 | 12.5 | 189.2 | 133.2 | NA | NA | NA | NA | NA | NA |
| 10/15/2018 | 12.2 | 0.11 | 12.0 | 12.4 | 201.4 | 141.4 | NA | NA | NA | NA | NA | NA |
| 10/16/2018 | 12.4 | 0.07 | 12.1 | 12.4 | 213.7 | 149.7 | NA | NA | NA | NA | NA | NA |
| 10/17/2018 | 12.0 | 0.26 | 11.5 | 12.4 | 225.7 | 157.7 | NA | NA | NA | NA | NA | NA |
| 10/18/2018 | 11.8 | 0.41 | 10.9 | 12.2 | 237.5 | 165.5 | NA | NA | NA | NA | NA | NA |
| 10/19/2018 | 10.6 | 0.17 | 10.4 | 10.9 | 248.1 | 172.1 | NA | NA | NA | NA | NA | NA |
| 10/20/2018 | 11.0 | 0.10 | 10.8 | 11.2 | 259.2 | 179.2 | NA | NA | NA | NA | NA | NA |
| 10/21/2018 | 11.4 | 0.08 | 11.2 | 11.5 | 270.5 | 186.5 | NA | NA | NA | NA | NA | NA |
| 10/22/2018 | 11.3 | 0.07 | 11.2 | 11.4 | 281.9 | 193.9 | NA | NA | NA | NA | NA | NA |
| 10/23/2018 | 11.1 | 0.04 | 11.1 | 11.2 | 293.0 | 201.0 | NA | NA | NA | NA | NA | NA |
| 10/24/2018 | 11.1 | 0.00 | 11.1 | 11.1 | 304.1 | 208.1 | NA | NA | NA | NA | NA | NA |
| 10/25/2018 | 11.1 | 0.07 | 10.9 | 11.1 | 315.2 | 215.2 | NA | NA | NA | NA | NA | NA |
| 10/26/2018 | 10.4 | 0.24 | 10.2 | 10.9 | 325.6 | 221.6 | NA | NA | NA | NA | NA | NA |
| 10/27/2018 | 10.0 | 0.09 | 9.9 | 10.1 | 335.6 | 227.6 | NA | NA | NA | NA | NA | NA |
| 10/28/2018 | 10.0 | 0.07 | 9.9 | 10.1 | 345.6 | 233.6 | NA | NA | NA | NA | NA | NA |
| 10/29/2018 | 10.2 | 0.02 | 10.1 | 10.2 | 355.8 | 239.8 | NA | NA | NA | NA | NA | NA |
| 10/30/2018 | 10.2 | 0.01 | 10.2 | 10.2 | 366.0 | 246.0 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/31/2018 | 10.1 | 0.06 | 10.0 | 10.2 | 376.0 | 252.0 | NA | NA | NA | NA | NA | NA |

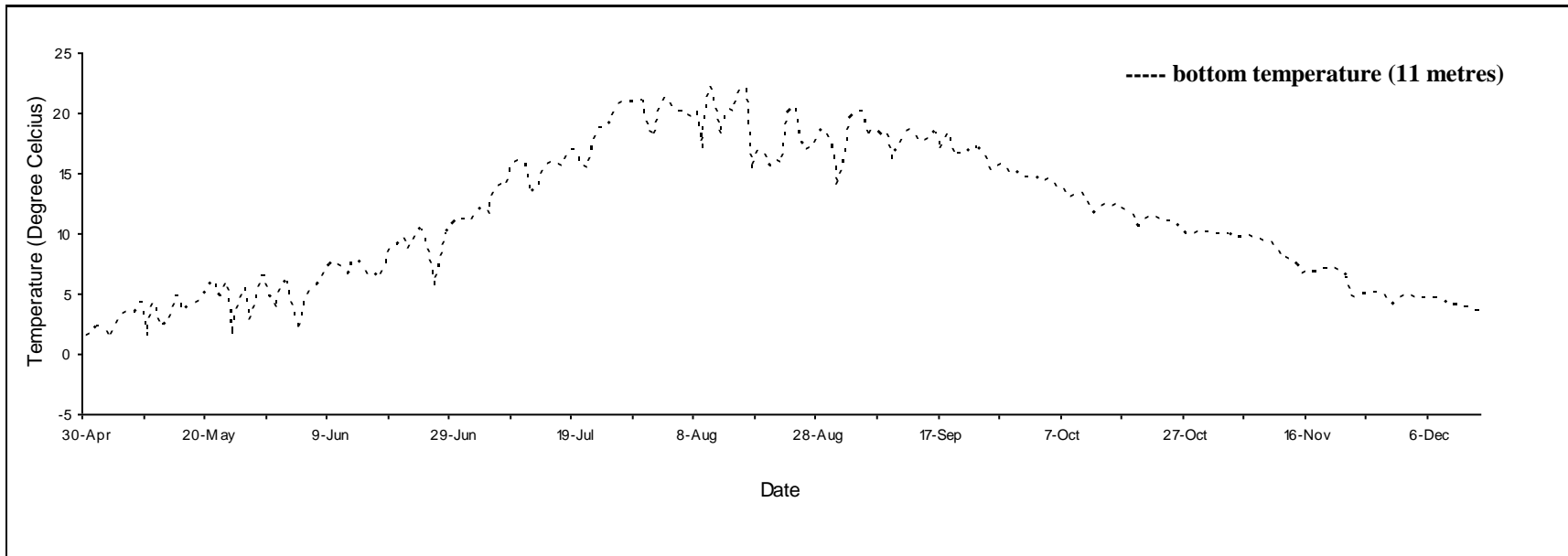
November

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 11/1/2018 | 10.0 | 0.01 | 10.0 | 10.0 | 10.0 | 6.0 | NA | NA | NA | NA | NA | NA |
| 11/2/2018 | 10.0 | 0.01 | 10.0 | 10.0 | 20.0 | 12.0 | NA | NA | NA | NA | NA | NA |
| 11/3/2018 | 10.0 | 0.01 | 9.9 | 10.0 | 29.9 | 17.9 | NA | NA | NA | NA | NA | NA |
| 11/4/2018 | 9.7 | 0.19 | 9.4 | 10.0 | 39.6 | 23.6 | NA | NA | NA | NA | NA | NA |
| 11/5/2018 | 9.6 | 0.13 | 9.4 | 9.8 | 49.3 | 29.3 | NA | NA | NA | NA | NA | NA |
| 11/6/2018 | 9.8 | 0.01 | 9.8 | 9.8 | 59.1 | 35.1 | NA | NA | NA | NA | NA | NA |
| 11/7/2018 | 9.7 | 0.02 | 9.7 | 9.8 | 68.8 | 40.8 | NA | NA | NA | NA | NA | NA |
| 11/8/2018 | 9.6 | 0.11 | 9.5 | 9.7 | 78.4 | 46.4 | NA | NA | NA | NA | NA | NA |
| 11/9/2018 | 9.4 | 0.01 | 9.4 | 9.4 | 87.8 | 51.8 | NA | NA | NA | NA | NA | NA |
| 11/10/2018 | 9.3 | 0.09 | 9.1 | 9.4 | 97.2 | 57.2 | NA | NA | NA | NA | NA | NA |
| 11/11/2018 | 8.6 | 0.21 | 8.3 | 9.1 | 105.7 | 61.7 | NA | NA | NA | NA | NA | NA |
| 11/12/2018 | 8.0 | 0.23 | 7.6 | 8.4 | 113.8 | 65.8 | NA | NA | NA | NA | NA | NA |
| 11/13/2018 | 7.9 | 0.11 | 7.7 | 8.1 | 121.7 | 69.7 | NA | NA | NA | NA | NA | NA |
| 11/14/2018 | 7.5 | 0.55 | 6.5 | 8.0 | 129.2 | 73.2 | NA | NA | NA | NA | NA | NA |
| 11/15/2018 | 6.7 | 0.08 | 6.6 | 6.9 | 135.9 | 75.9 | NA | NA | NA | NA | NA | NA |
| 11/16/2018 | 6.8 | 0.19 | 6.5 | 7.0 | 142.7 | 78.7 | NA | NA | NA | NA | NA | NA |
| 11/17/2018 | 6.9 | 0.06 | 6.7 | 6.9 | 149.6 | 81.6 | NA | NA | NA | NA | NA | NA |
| 11/18/2018 | 6.9 | 0.05 | 6.8 | 7.0 | 156.5 | 84.5 | NA | NA | NA | NA | NA | NA |
| 11/19/2018 | 7.1 | 0.04 | 7.0 | 7.1 | 163.6 | 87.6 | NA | NA | NA | NA | NA | NA |
| 11/20/2018 | 7.1 | 0.01 | 7.1 | 7.1 | 170.7 | 90.7 | NA | NA | NA | NA | NA | NA |
| 11/21/2018 | 7.0 | 0.07 | 6.9 | 7.1 | 177.7 | 93.7 | NA | NA | NA | NA | NA | NA |
| 11/22/2018 | 6.5 | 0.30 | 6.1 | 6.8 | 184.2 | 96.2 | NA | NA | NA | NA | NA | NA |
| 11/23/2018 | 4.8 | 0.34 | 4.4 | 5.8 | 189.0 | 97.0 | NA | NA | NA | NA | NA | NA |
| 11/24/2018 | 4.6 | 0.22 | 4.2 | 5.0 | 193.7 | 97.7 | NA | NA | NA | NA | NA | NA |
| 11/25/2018 | 5.1 | 0.20 | 4.7 | 5.3 | 198.7 | 98.7 | NA | NA | NA | NA | NA | NA |
| 11/26/2018 | 5.1 | 0.16 | 4.9 | 5.4 | 203.9 | 99.9 | NA | NA | NA | NA | NA | NA |
| 11/27/2018 | 5.2 | 0.07 | 5.1 | 5.3 | 209.0 | 101.0 | NA | NA | NA | NA | NA | NA |
| 11/28/2018 | 5.1 | 0.08 | 5.1 | 5.3 | 214.2 | 102.2 | NA | NA | NA | NA | NA | NA |
| 11/29/2018 | 4.4 | 0.26 | 4.1 | 5.0 | 218.6 | 102.6 | NA | NA | NA | NA | NA | NA |
| 11/30/2018 | 4.0 | 0.15 | 3.9 | 4.4 | 222.6 | 102.6 | NA | NA | NA | NA | NA | NA |

December

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 12/1/2018 | 4.6 | 0.13 | 4.5 | 4.8 | 4.6 | 0.6 | NA | NA | NA | NA | NA | NA |
| 12/2/2018 | 4.8 | 0.01 | 4.8 | 4.9 | 9.5 | 1.5 | NA | NA | NA | NA | NA | NA |
| 12/3/2018 | 4.9 | 0.02 | 4.8 | 4.9 | 14.4 | 2.4 | NA | NA | NA | NA | NA | NA |
| 12/4/2018 | 4.7 | 0.08 | 4.6 | 4.9 | 19.1 | 3.1 | NA | NA | NA | NA | NA | NA |
| 12/5/2018 | 4.6 | 0.03 | 4.6 | 4.7 | 23.7 | 3.7 | NA | NA | NA | NA | NA | NA |
| 12/6/2018 | 4.8 | 0.06 | 4.7 | 4.9 | 28.5 | 4.5 | NA | NA | NA | NA | NA | NA |
| 12/7/2018 | 4.7 | 0.07 | 4.7 | 4.8 | 33.3 | 5.3 | NA | NA | NA | NA | NA | NA |
| 12/8/2018 | 4.6 | 0.07 | 4.5 | 4.7 | 37.9 | 5.9 | NA | NA | NA | NA | NA | NA |
| 12/9/2018 | 4.2 | 0.19 | 4.0 | 4.5 | 42.0 | 6.0 | NA | NA | NA | NA | NA | NA |
| 12/10/2018 | 4.0 | 0.05 | 4.0 | 4.1 | 46.1 | 6.1 | NA | NA | NA | NA | NA | NA |
| 12/11/2018 | 3.9 | 0.09 | 3.8 | 4.0 | 49.9 | 6.1 | NA | NA | NA | NA | NA | NA |
| 12/12/2018 | 3.9 | 0.03 | 3.8 | 3.9 | 53.8 | 6.1 | NA | NA | NA | NA | NA | NA |
| 12/13/2018 | 3.6 | 0.09 | 3.5 | 3.8 | 57.4 | 6.1 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 12/14/2018 | 3.6 | 0.04 | 3.5 | 3.6 | 61.0 | 6.1 | NA | NA | NA | NA | NA | NA |



Daily mean temperature for Cascumpeque, P.E.I., 2018.

Cheticamp, N.S.

2018

May

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 5/5/2018 | 3.4 | 0.38 | 2.3 | 3.8 | 3.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/6/2018 | 2.7 | 0.14 | 2.5 | 2.8 | 6.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/7/2018 | 3.0 | 0.40 | 2.6 | 3.8 | 9.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/8/2018 | 3.4 | 0.41 | 2.9 | 4.1 | 12.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/9/2018 | 3.9 | 0.19 | 3.7 | 4.3 | 16.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/10/2018 | 4.0 | 0.45 | 3.2 | 4.8 | 20.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/11/2018 | 4.4 | 0.24 | 4.1 | 4.8 | 24.9 | 0.4 | NA | NA | NA | NA | NA | NA |
| 5/12/2018 | 3.9 | 0.50 | 3.0 | 4.6 | 28.8 | 0.4 | NA | NA | NA | NA | NA | NA |
| 5/13/2018 | 4.6 | 0.32 | 3.8 | 4.8 | 33.4 | 1.0 | NA | NA | NA | NA | NA | NA |
| 5/14/2018 | 4.9 | 0.34 | 4.3 | 5.4 | 38.3 | 1.9 | NA | NA | NA | NA | NA | NA |
| 5/15/2018 | 5.0 | 0.57 | 3.7 | 5.7 | 43.2 | 2.8 | NA | NA | NA | NA | NA | NA |
| 5/16/2018 | 5.1 | 0.51 | 4.1 | 5.9 | 48.3 | 3.9 | NA | NA | NA | NA | NA | NA |
| 5/17/2018 | 5.7 | 0.25 | 5.1 | 5.9 | 54.0 | 5.7 | NA | NA | NA | NA | NA | NA |
| 5/18/2018 | 5.0 | 0.54 | 4.0 | 5.7 | 59.0 | 6.6 | NA | NA | NA | NA | NA | NA |
| 5/19/2018 | 5.0 | 0.55 | 4.1 | 5.6 | 64.0 | 7.6 | NA | NA | NA | NA | NA | NA |
| 5/20/2018 | 5.6 | 0.20 | 5.3 | 5.8 | 69.6 | 9.2 | NA | NA | NA | NA | NA | NA |
| 5/21/2018 | 6.1 | 0.27 | 5.8 | 6.6 | 75.7 | 11.3 | NA | NA | NA | NA | NA | NA |
| 5/22/2018 | 6.2 | 0.38 | 5.8 | 7.0 | 81.9 | 13.5 | NA | NA | NA | NA | NA | NA |
| 5/23/2018 | 6.6 | 0.17 | 6.3 | 6.8 | 88.5 | 16.1 | NA | NA | NA | NA | NA | NA |
| 5/24/2018 | 5.7 | 0.57 | 4.7 | 6.3 | 94.1 | 17.7 | NA | NA | NA | NA | NA | NA |
| 5/25/2018 | 6.3 | 0.31 | 5.6 | 6.4 | 100.4 | 20.0 | NA | NA | NA | NA | NA | NA |
| 5/26/2018 | 6.3 | 0.13 | 6.0 | 6.4 | 106.7 | 22.3 | NA | NA | NA | NA | NA | NA |
| 5/27/2018 | 5.5 | 0.47 | 4.6 | 6.0 | 112.2 | 23.8 | NA | NA | NA | NA | NA | NA |
| 5/28/2018 | 5.8 | 1.26 | 3.2 | 6.9 | 118.0 | 25.6 | NA | NA | NA | NA | NA | NA |
| 5/29/2018 | 6.7 | 0.13 | 6.5 | 6.9 | 124.7 | 28.3 | NA | NA | NA | NA | NA | NA |
| 5/30/2018 | 6.4 | 0.47 | 5.3 | 6.7 | 131.1 | 30.7 | NA | NA | NA | NA | NA | NA |
| 5/31/2018 | 7.0 | 0.46 | 6.5 | 7.8 | 138.1 | 33.7 | NA | NA | NA | NA | NA | NA |

June

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/1/2018 | 7.0 | 0.50 | 5.7 | 7.5 | 7.0 | 3.0 | NA | NA | NA | NA | NA | NA |
| 6/2/2018 | 7.5 | 0.42 | 6.8 | 8.1 | 14.5 | 6.5 | NA | NA | NA | NA | NA | NA |
| 6/3/2018 | 3.1 | 1.95 | 1.4 | 7.4 | 17.6 | 6.5 | NA | NA | NA | NA | NA | NA |
| 6/4/2018 | 3.9 | 1.57 | 1.2 | 6.1 | 21.5 | 6.5 | NA | NA | NA | NA | NA | NA |
| 6/5/2018 | 4.1 | 1.12 | 2.0 | 6.0 | 25.6 | 6.6 | NA | NA | NA | NA | NA | NA |
| 6/6/2018 | 4.0 | 0.80 | 2.3 | 5.1 | 29.6 | 6.6 | NA | NA | NA | NA | NA | NA |
| 6/7/2018 | 5.9 | 0.70 | 4.8 | 7.2 | 35.5 | 8.5 | NA | NA | NA | NA | NA | NA |
| 6/8/2018 | 7.4 | 0.35 | 6.7 | 7.7 | 43.0 | 11.9 | NA | NA | NA | NA | NA | NA |
| 6/9/2018 | 7.6 | 0.30 | 7.0 | 8.0 | 50.5 | 15.5 | NA | NA | NA | NA | NA | NA |
| 6/10/2018 | 7.9 | 0.62 | 6.5 | 8.5 | 58.5 | 19.4 | NA | NA | NA | NA | NA | NA |
| 6/11/2018 | 8.3 | 0.39 | 7.7 | 8.9 | 66.8 | 23.8 | NA | NA | NA | NA | NA | NA |
| 6/12/2018 | 8.6 | 0.41 | 7.6 | 9.2 | 75.4 | 28.4 | NA | NA | NA | NA | NA | NA |
| 6/13/2018 | 9.2 | 0.11 | 9.0 | 9.3 | 84.7 | 33.6 | NA | NA | NA | NA | NA | NA |
| 6/14/2018 | 9.1 | 0.23 | 8.6 | 9.3 | 93.7 | 38.7 | NA | NA | NA | NA | NA | NA |
| 6/15/2018 | 8.7 | 0.34 | 7.8 | 9.1 | 102.4 | 43.4 | NA | NA | NA | NA | NA | NA |
| 6/16/2018 | 9.0 | 0.80 | 7.2 | 9.7 | 111.4 | 48.4 | NA | NA | NA | NA | NA | NA |
| 6/17/2018 | 7.8 | 0.72 | 6.4 | 8.7 | 119.2 | 52.2 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/18/2018 | 8.6 | 0.88 | 5.9 | 9.1 | 127.9 | 56.8 | NA | NA | NA | NA | NA | NA |
| 6/19/2018 | 9.4 | 0.15 | 9.1 | 9.6 | 137.3 | 62.2 | NA | NA | NA | NA | NA | NA |
| 6/20/2018 | 9.5 | 0.20 | 8.9 | 9.6 | 146.8 | 67.7 | NA | NA | NA | NA | NA | NA |
| 6/21/2018 | 9.6 | 0.16 | 9.3 | 9.8 | 156.4 | 73.4 | NA | NA | NA | NA | NA | NA |
| 6/22/2018 | 10.1 | 0.24 | 9.8 | 10.5 | 166.5 | 79.5 | NA | NA | NA | NA | NA | NA |
| 6/23/2018 | 10.7 | 0.29 | 10.3 | 11.3 | 177.2 | 86.1 | NA | NA | NA | NA | NA | NA |
| 6/24/2018 | 11.2 | 0.17 | 10.7 | 11.4 | 188.3 | 93.3 | NA | NA | NA | NA | NA | NA |
| 6/25/2018 | 10.9 | 0.31 | 10.3 | 11.2 | 199.2 | 100.2 | NA | NA | NA | NA | NA | NA |
| 6/26/2018 | 5.0 | 1.77 | 3.4 | 9.8 | 204.2 | 101.2 | NA | NA | NA | NA | NA | NA |
| 6/27/2018 | 5.2 | 1.42 | 2.5 | 6.4 | 209.4 | 102.4 | NA | NA | NA | NA | NA | NA |
| 6/28/2018 | 7.3 | 0.93 | 6.2 | 8.6 | 216.8 | 105.7 | NA | NA | NA | NA | NA | NA |
| 6/29/2018 | 9.2 | 0.58 | 8.3 | 10.0 | 226.0 | 111.0 | NA | NA | NA | NA | NA | NA |
| 6/30/2018 | 10.6 | 0.35 | 10.0 | 11.1 | 236.6 | 117.6 | NA | NA | NA | NA | NA | NA |

July

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/1/2018 | 11.7 | 0.39 | 11.0 | 12.1 | 11.7 | 7.7 | NA | NA | NA | NA | NA | NA |
| 7/2/2018 | 11.9 | 0.25 | 11.2 | 12.1 | 23.5 | 15.5 | NA | NA | NA | NA | NA | NA |
| 7/3/2018 | 12.5 | 0.33 | 11.8 | 12.8 | 36.0 | 24.0 | NA | NA | NA | NA | NA | NA |
| 7/4/2018 | 13.3 | 0.53 | 12.1 | 14.0 | 49.3 | 33.3 | NA | NA | NA | NA | NA | NA |
| 7/5/2018 | 14.2 | 0.37 | 13.1 | 14.5 | 63.5 | 43.5 | NA | NA | NA | NA | NA | NA |
| 7/6/2018 | 14.5 | 0.78 | 12.8 | 15.0 | 78.1 | 54.1 | NA | NA | NA | NA | NA | NA |
| 7/7/2018 | 15.1 | 0.27 | 14.4 | 15.3 | 93.1 | 65.1 | NA | NA | NA | NA | NA | NA |
| 7/8/2018 | 15.5 | 0.20 | 15.1 | 15.9 | 108.6 | 76.6 | NA | NA | NA | NA | NA | NA |
| 7/9/2018 | 15.7 | 0.28 | 15.1 | 16.0 | 124.3 | 88.3 | NA | NA | NA | NA | NA | NA |
| 7/10/2018 | 16.2 | 0.20 | 16.0 | 16.5 | 140.6 | 100.6 | NA | NA | NA | NA | NA | NA |
| 7/11/2018 | 16.4 | 0.41 | 15.8 | 16.9 | 156.9 | 112.9 | NA | NA | NA | NA | NA | NA |
| 7/12/2018 | 15.3 | 1.33 | 12.3 | 16.2 | 172.2 | 124.2 | NA | NA | NA | NA | NA | NA |
| 7/13/2018 | 14.1 | 2.16 | 9.7 | 16.5 | 186.3 | 134.3 | NA | NA | NA | NA | NA | NA |
| 7/14/2018 | 14.4 | 2.15 | 10.7 | 16.8 | 200.6 | 144.6 | NA | NA | NA | NA | NA | NA |
| 7/15/2018 | 14.9 | 2.41 | 9.4 | 16.8 | 215.5 | 155.5 | NA | NA | NA | NA | NA | NA |
| 7/16/2018 | 15.7 | 0.77 | 13.7 | 16.6 | 231.2 | 167.2 | NA | NA | NA | NA | NA | NA |
| 7/17/2018 | 16.3 | 0.94 | 14.5 | 17.9 | 247.5 | 179.5 | NA | NA | NA | NA | NA | NA |
| 7/18/2018 | 17.9 | 0.97 | 15.4 | 19.0 | 265.4 | 193.4 | NA | NA | NA | NA | NA | NA |
| 7/19/2018 | 18.0 | 0.18 | 17.7 | 18.3 | 283.4 | 207.4 | NA | NA | NA | NA | NA | NA |
| 7/20/2018 | 18.0 | 0.56 | 16.9 | 19.0 | 301.4 | 221.4 | NA | NA | NA | NA | NA | NA |
| 7/21/2018 | 18.3 | 0.64 | 17.4 | 19.1 | 319.7 | 235.7 | NA | NA | NA | NA | NA | NA |
| 7/22/2018 | 18.5 | 0.40 | 17.4 | 18.9 | 338.2 | 250.2 | NA | NA | NA | NA | NA | NA |
| 7/23/2018 | 18.7 | 0.56 | 17.6 | 19.4 | 356.9 | 264.9 | NA | NA | NA | NA | NA | NA |
| 7/24/2018 | 19.6 | 0.42 | 18.9 | 20.3 | 376.4 | 280.4 | NA | NA | NA | NA | NA | NA |
| 7/25/2018 | 20.2 | 0.31 | 19.5 | 20.8 | 396.6 | 296.6 | NA | NA | NA | NA | NA | NA |
| 7/26/2018 | 21.0 | 0.14 | 20.9 | 21.3 | 417.6 | 313.6 | NA | NA | NA | NA | NA | NA |
| 7/27/2018 | 21.1 | 0.17 | 20.7 | 21.3 | 438.7 | 330.7 | NA | NA | NA | NA | NA | NA |
| 7/28/2018 | 21.2 | 0.26 | 20.8 | 21.7 | 459.9 | 347.9 | NA | NA | NA | NA | NA | NA |
| 7/29/2018 | 21.6 | 0.43 | 20.9 | 22.2 | 481.4 | 365.4 | NA | NA | NA | NA | NA | NA |
| 7/30/2018 | 21.9 | 0.30 | 21.2 | 22.3 | 503.3 | 383.3 | NA | NA | NA | NA | NA | NA |
| 7/31/2018 | 22.1 | 0.30 | 21.5 | 22.4 | 525.4 | 401.4 | NA | NA | NA | NA | NA | NA |

August

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/1/2018 | 22.5 | 0.20 | 22.0 | 22.8 | 22.5 | 18.5 | NA | NA | NA | NA | NA | NA |
| 8/2/2018 | 22.2 | 0.84 | 19.7 | 22.7 | 44.7 | 36.7 | NA | NA | NA | NA | NA | NA |
| 8/3/2018 | 22.6 | 0.24 | 22.2 | 23.0 | 67.3 | 55.3 | NA | NA | NA | NA | NA | NA |
| 8/4/2018 | 22.3 | 0.91 | 20.3 | 23.0 | 89.6 | 73.6 | NA | NA | NA | NA | NA | NA |
| 8/5/2018 | 22.6 | 0.13 | 22.4 | 22.8 | 112.2 | 92.2 | NA | NA | NA | NA | NA | NA |
| 8/6/2018 | 21.8 | 1.27 | 19.1 | 22.9 | 134.0 | 110.0 | NA | NA | NA | NA | NA | NA |
| 8/7/2018 | 21.0 | 2.21 | 16.3 | 22.9 | 155.0 | 127.0 | NA | NA | NA | NA | NA | NA |
| 8/8/2018 | 22.0 | 1.78 | 18.2 | 23.6 | 177.0 | 145.0 | NA | NA | NA | NA | NA | NA |
| 8/9/2018 | 22.7 | 0.32 | 22.2 | 23.1 | 199.7 | 163.7 | NA | NA | NA | NA | NA | NA |
| 8/10/2018 | 22.9 | 0.22 | 22.4 | 23.3 | 222.6 | 182.6 | NA | NA | NA | NA | NA | NA |
| 8/11/2018 | 22.8 | 0.28 | 22.0 | 23.1 | 245.4 | 201.4 | NA | NA | NA | NA | NA | NA |
| 8/12/2018 | 21.9 | 2.32 | 16.5 | 23.2 | 267.3 | 219.3 | NA | NA | NA | NA | NA | NA |
| 8/13/2018 | 22.2 | 1.30 | 19.0 | 23.4 | 289.6 | 237.6 | NA | NA | NA | NA | NA | NA |
| 8/14/2018 | 22.7 | 0.45 | 22.1 | 23.3 | 312.3 | 256.3 | NA | NA | NA | NA | NA | NA |
| 8/15/2018 | 23.2 | 0.09 | 23.0 | 23.3 | 335.5 | 275.5 | NA | NA | NA | NA | NA | NA |
| 8/16/2018 | 23.2 | 0.07 | 23.1 | 23.3 | 358.7 | 294.7 | NA | NA | NA | NA | NA | NA |
| 8/17/2018 | 20.2 | 3.28 | 13.7 | 23.1 | 378.9 | 310.9 | NA | NA | NA | NA | NA | NA |
| 8/18/2018 | 15.3 | 3.20 | 12.3 | 22.0 | 394.2 | 322.2 | NA | NA | NA | NA | NA | NA |
| 8/19/2018 | 15.8 | 2.78 | 11.8 | 20.0 | 410.0 | 334.0 | NA | NA | NA | NA | NA | NA |
| 8/20/2018 | 14.1 | 1.63 | 12.0 | 16.5 | 424.1 | 344.1 | NA | NA | NA | NA | NA | NA |
| 8/21/2018 | 17.6 | 3.42 | 10.6 | 21.2 | 441.7 | 357.7 | NA | NA | NA | NA | NA | NA |
| 8/22/2018 | 18.5 | 3.36 | 12.0 | 21.7 | 460.1 | 372.1 | NA | NA | NA | NA | NA | NA |
| 8/23/2018 | 20.8 | 2.31 | 13.6 | 21.8 | 481.0 | 389.0 | NA | NA | NA | NA | NA | NA |
| 8/24/2018 | 21.2 | 0.67 | 19.5 | 21.8 | 502.2 | 406.2 | NA | NA | NA | NA | NA | NA |
| 8/25/2018 | 21.0 | 0.47 | 20.2 | 21.5 | 523.3 | 423.3 | NA | NA | NA | NA | NA | NA |
| 8/26/2018 | 21.4 | 0.14 | 21.1 | 21.6 | 544.6 | 440.6 | NA | NA | NA | NA | NA | NA |
| 8/27/2018 | 21.3 | 0.26 | 20.9 | 21.7 | 565.9 | 457.9 | NA | NA | NA | NA | NA | NA |
| 8/28/2018 | 21.2 | 0.30 | 20.6 | 21.6 | 587.1 | 475.1 | NA | NA | NA | NA | NA | NA |
| 8/29/2018 | 21.1 | 1.25 | 18.4 | 21.8 | 608.3 | 492.3 | NA | NA | NA | NA | NA | NA |
| 8/30/2018 | 20.2 | 2.65 | 13.4 | 21.4 | 628.5 | 508.5 | NA | NA | NA | NA | NA | NA |
| 8/31/2018 | 17.0 | 3.31 | 9.8 | 20.6 | 645.4 | 521.4 | NA | NA | NA | NA | NA | NA |

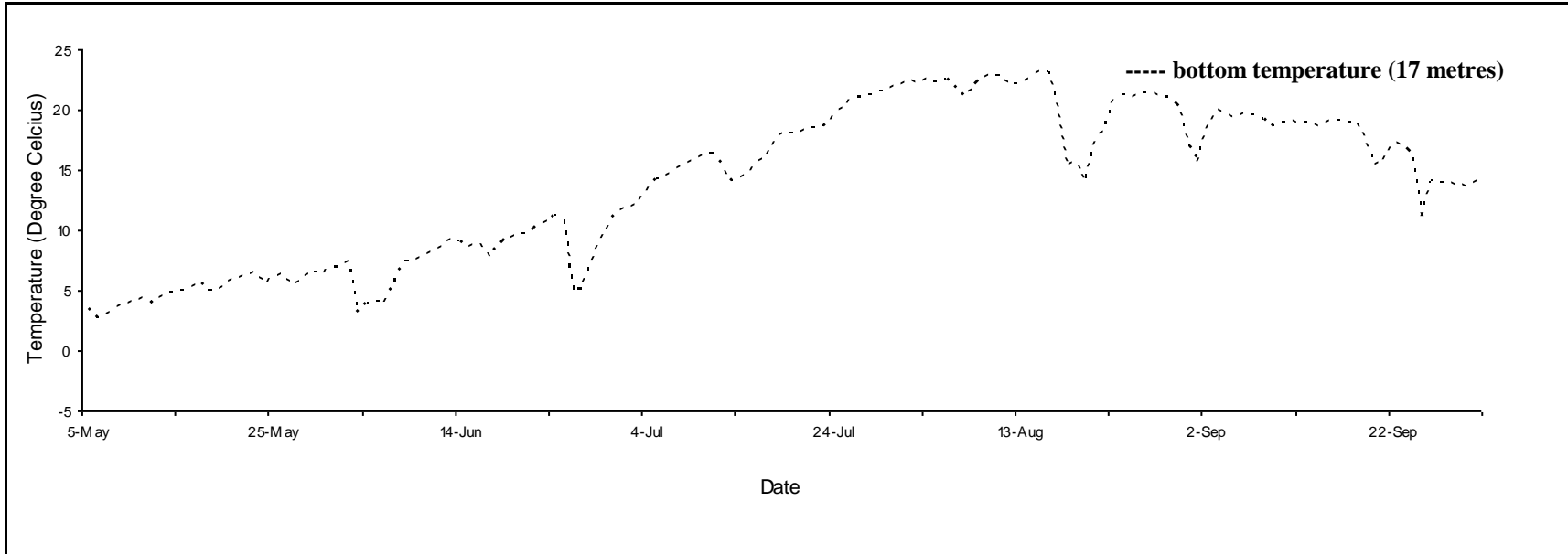
September

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/1/2018 | 15.5 | 3.59 | 9.9 | 19.8 | 15.5 | 11.5 | NA | NA | NA | NA | NA | NA |
| 9/2/2018 | 18.4 | 4.03 | 9.0 | 20.3 | 34.0 | 26.0 | NA | NA | NA | NA | NA | NA |
| 9/3/2018 | 20.0 | 0.53 | 18.4 | 20.3 | 53.9 | 41.9 | NA | NA | NA | NA | NA | NA |
| 9/4/2018 | 19.6 | 0.94 | 17.6 | 20.5 | 73.6 | 57.6 | NA | NA | NA | NA | NA | NA |
| 9/5/2018 | 19.3 | 0.83 | 16.7 | 19.8 | 92.8 | 72.8 | NA | NA | NA | NA | NA | NA |
| 9/6/2018 | 19.7 | 0.05 | 19.6 | 19.7 | 112.5 | 88.5 | NA | NA | NA | NA | NA | NA |
| 9/7/2018 | 19.5 | 0.31 | 18.8 | 19.8 | 132.0 | 104.0 | NA | NA | NA | NA | NA | NA |
| 9/8/2018 | 19.3 | 0.39 | 18.3 | 19.7 | 151.3 | 119.3 | NA | NA | NA | NA | NA | NA |
| 9/9/2018 | 18.6 | 1.90 | 12.6 | 19.4 | 169.9 | 133.9 | NA | NA | NA | NA | NA | NA |
| 9/10/2018 | 18.9 | 0.58 | 17.1 | 19.3 | 188.7 | 148.7 | NA | NA | NA | NA | NA | NA |
| 9/11/2018 | 19.2 | 0.08 | 19.0 | 19.3 | 207.9 | 163.9 | NA | NA | NA | NA | NA | NA |
| 9/12/2018 | 18.9 | 0.16 | 18.6 | 19.1 | 226.8 | 178.8 | NA | NA | NA | NA | NA | NA |
| 9/13/2018 | 19.0 | 0.07 | 18.9 | 19.1 | 245.8 | 193.8 | NA | NA | NA | NA | NA | NA |
| 9/14/2018 | 18.7 | 0.56 | 17.4 | 19.3 | 264.5 | 208.5 | NA | NA | NA | NA | NA | NA |
| 9/15/2018 | 19.1 | 0.29 | 18.6 | 19.5 | 283.6 | 223.6 | NA | NA | NA | NA | NA | NA |
| 9/16/2018 | 19.1 | 0.33 | 18.6 | 19.5 | 302.7 | 238.7 | NA | NA | NA | NA | NA | NA |
| 9/17/2018 | 19.0 | 0.20 | 18.6 | 19.2 | 321.7 | 253.7 | NA | NA | NA | NA | NA | NA |
| 9/18/2018 | 19.0 | 0.19 | 18.5 | 19.2 | 340.7 | 268.7 | NA | NA | NA | NA | NA | NA |
| 9/19/2018 | 17.4 | 2.52 | 10.1 | 18.9 | 358.1 | 282.1 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/20/2018 | 15.4 | 1.98 | 12.1 | 17.6 | 373.5 | 293.5 | NA | NA | NA | NA | NA | NA |
| 9/21/2018 | 15.8 | 1.90 | 11.9 | 17.7 | 389.3 | 305.3 | NA | NA | NA | NA | NA | NA |
| 9/22/2018 | 17.3 | 0.15 | 17.1 | 17.7 | 406.6 | 318.6 | NA | NA | NA | NA | NA | NA |
| 9/23/2018 | 17.2 | 0.09 | 17.0 | 17.3 | 423.8 | 331.8 | NA | NA | NA | NA | NA | NA |
| 9/24/2018 | 16.3 | 1.55 | 11.4 | 17.0 | 440.0 | 344.0 | NA | NA | NA | NA | NA | NA |
| 9/25/2018 | 10.9 | 1.36 | 9.3 | 13.7 | 451.0 | 351.0 | NA | NA | NA | NA | NA | NA |
| 9/26/2018 | 14.1 | 0.92 | 12.8 | 15.4 | 465.1 | 361.1 | NA | NA | NA | NA | NA | NA |
| 9/27/2018 | 14.0 | 0.26 | 13.6 | 14.5 | 479.1 | 371.1 | NA | NA | NA | NA | NA | NA |
| 9/28/2018 | 14.0 | 0.15 | 13.7 | 14.2 | 493.1 | 381.1 | NA | NA | NA | NA | NA | NA |
| 9/29/2018 | 13.8 | 0.12 | 13.6 | 13.9 | 506.9 | 390.9 | NA | NA | NA | NA | NA | NA |
| 9/30/2018 | 13.7 | 0.19 | 13.4 | 14.0 | 520.6 | 400.6 | NA | NA | NA | NA | NA | NA |

October

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/1/2018 | 14.1 | 0.43 | 13.5 | 14.6 | 14.1 | 10.1 | NA | NA | NA | NA | NA | NA |



Daily mean temperature for Cheticamp, N.S., 2018.

Covehead 1, P.E.I.

2018

July

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/11/2018 | 16.4 | 0.18 | 16.1 | 16.6 | 16.4 | 12.4 | NA | NA | NA | NA | NA | NA |
| 7/12/2018 | 16.4 | 0.33 | 16.0 | 16.8 | 32.8 | 24.8 | NA | NA | NA | NA | NA | NA |
| 7/13/2018 | 16.7 | 0.08 | 16.5 | 16.8 | 49.5 | 37.5 | NA | NA | NA | NA | NA | NA |
| 7/14/2018 | 16.2 | 0.27 | 15.7 | 16.6 | 65.7 | 49.7 | NA | NA | NA | NA | NA | NA |
| 7/15/2018 | 15.5 | 0.72 | 14.3 | 16.5 | 81.1 | 61.1 | NA | NA | NA | NA | NA | NA |
| 7/16/2018 | 14.9 | 0.42 | 14.3 | 15.6 | 96.0 | 72.0 | NA | NA | NA | NA | NA | NA |
| 7/17/2018 | 15.3 | 0.47 | 14.5 | 15.9 | 111.2 | 83.2 | NA | NA | NA | NA | NA | NA |
| 7/18/2018 | 15.4 | 0.80 | 14.3 | 16.7 | 126.7 | 94.7 | NA | NA | NA | NA | NA | NA |
| 7/19/2018 | 16.4 | 0.60 | 15.6 | 17.5 | 143.0 | 107.0 | NA | NA | NA | NA | NA | NA |
| 7/20/2018 | 17.0 | 0.63 | 15.6 | 18.0 | 160.0 | 120.0 | NA | NA | NA | NA | NA | NA |
| 7/21/2018 | 16.4 | 0.73 | 14.9 | 17.4 | 176.5 | 132.5 | NA | NA | NA | NA | NA | NA |
| 7/22/2018 | 15.4 | 0.79 | 14.2 | 16.7 | 191.8 | 143.8 | NA | NA | NA | NA | NA | NA |
| 7/23/2018 | 16.3 | 1.93 | 13.9 | 18.9 | 208.2 | 156.2 | NA | NA | NA | NA | NA | NA |
| 7/24/2018 | 19.1 | 0.77 | 17.8 | 20.1 | 227.3 | 171.3 | NA | NA | NA | NA | NA | NA |
| 7/25/2018 | 20.3 | 0.12 | 20.0 | 20.4 | 247.5 | 187.5 | NA | NA | NA | NA | NA | NA |
| 7/26/2018 | 19.8 | 1.71 | 14.4 | 20.6 | 267.4 | 203.4 | NA | NA | NA | NA | NA | NA |
| 7/27/2018 | 16.0 | 3.70 | 10.4 | 19.8 | 283.3 | 215.3 | NA | NA | NA | NA | NA | NA |
| 7/28/2018 | 18.1 | 1.87 | 14.6 | 20.3 | 301.4 | 229.4 | NA | NA | NA | NA | NA | NA |
| 7/29/2018 | 18.0 | 1.37 | 16.0 | 20.1 | 319.4 | 243.4 | NA | NA | NA | NA | NA | NA |
| 7/30/2018 | 20.6 | 1.63 | 17.0 | 22.0 | 340.0 | 260.0 | NA | NA | NA | NA | NA | NA |
| 7/31/2018 | 21.7 | 0.18 | 21.5 | 22.1 | 361.7 | 277.7 | NA | NA | NA | NA | NA | NA |

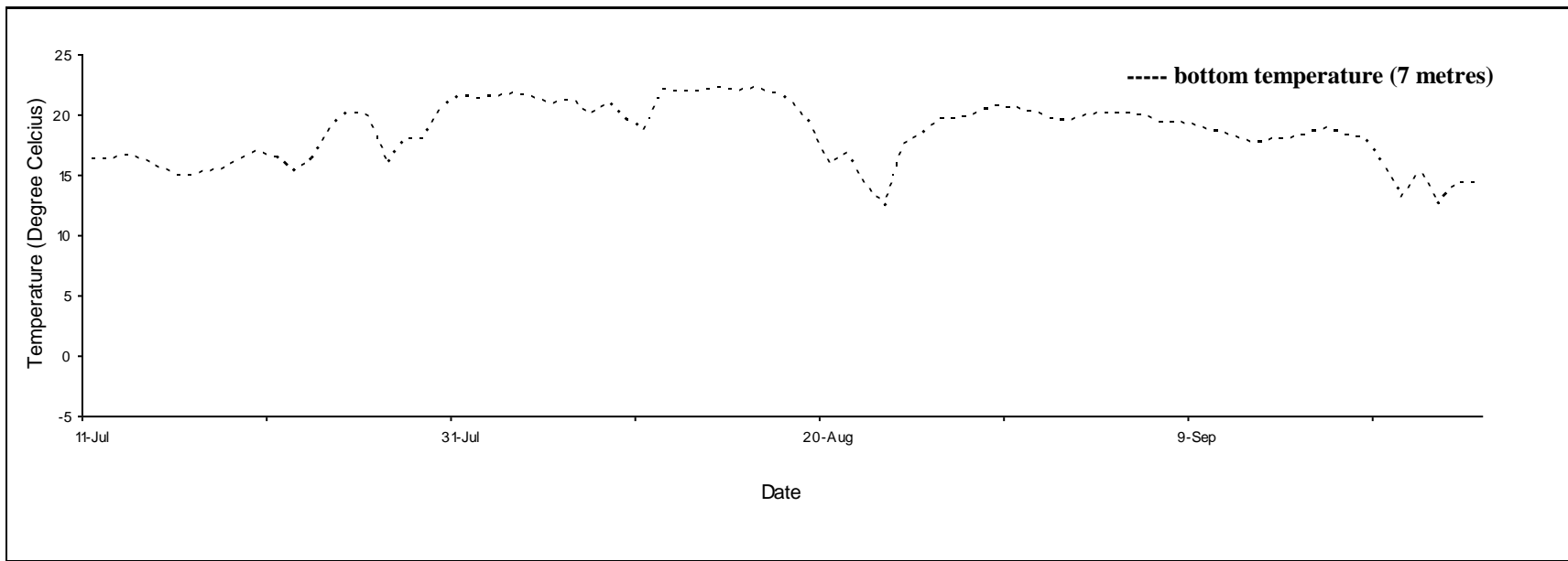
August

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/1/2018 | 21.4 | 0.35 | 20.8 | 22.0 | 21.4 | 17.4 | NA | NA | NA | NA | NA | NA |
| 8/2/2018 | 21.5 | 0.42 | 20.4 | 21.9 | 43.0 | 35.0 | NA | NA | NA | NA | NA | NA |
| 8/3/2018 | 21.8 | 0.16 | 21.5 | 22.1 | 64.8 | 52.8 | NA | NA | NA | NA | NA | NA |
| 8/4/2018 | 21.4 | 0.51 | 20.3 | 21.9 | 86.2 | 70.2 | NA | NA | NA | NA | NA | NA |
| 8/5/2018 | 20.9 | 1.37 | 17.8 | 22.1 | 107.0 | 87.0 | NA | NA | NA | NA | NA | NA |
| 8/6/2018 | 21.3 | 0.72 | 19.3 | 21.9 | 128.4 | 104.4 | NA | NA | NA | NA | NA | NA |
| 8/7/2018 | 20.0 | 0.64 | 19.2 | 21.0 | 148.4 | 120.4 | NA | NA | NA | NA | NA | NA |
| 8/8/2018 | 21.1 | 1.46 | 18.5 | 22.2 | 169.5 | 137.5 | NA | NA | NA | NA | NA | NA |
| 8/9/2018 | 19.5 | 1.36 | 18.1 | 21.7 | 189.0 | 153.0 | NA | NA | NA | NA | NA | NA |
| 8/10/2018 | 18.8 | 4.17 | 11.2 | 22.5 | 207.8 | 167.8 | NA | NA | NA | NA | NA | NA |
| 8/11/2018 | 22.2 | 0.19 | 21.8 | 22.4 | 230.0 | 186.0 | NA | NA | NA | NA | NA | NA |
| 8/12/2018 | 22.0 | 0.06 | 21.9 | 22.1 | 251.9 | 203.9 | NA | NA | NA | NA | NA | NA |
| 8/13/2018 | 22.0 | 0.27 | 21.6 | 22.5 | 274.0 | 222.0 | NA | NA | NA | NA | NA | NA |
| 8/14/2018 | 22.3 | 0.22 | 21.9 | 22.6 | 296.3 | 240.3 | NA | NA | NA | NA | NA | NA |
| 8/15/2018 | 21.9 | 0.58 | 21.0 | 22.7 | 318.2 | 258.2 | NA | NA | NA | NA | NA | NA |
| 8/16/2018 | 22.3 | 0.08 | 22.2 | 22.5 | 340.5 | 276.5 | NA | NA | NA | NA | NA | NA |
| 8/17/2018 | 21.9 | 0.13 | 21.6 | 22.1 | 362.4 | 294.4 | NA | NA | NA | NA | NA | NA |
| 8/18/2018 | 21.0 | 1.20 | 18.2 | 21.7 | 383.4 | 311.4 | NA | NA | NA | NA | NA | NA |
| 8/19/2018 | 19.1 | 1.83 | 16.0 | 21.3 | 402.5 | 326.5 | NA | NA | NA | NA | NA | NA |
| 8/20/2018 | 15.9 | 1.67 | 13.5 | 18.1 | 418.4 | 338.4 | NA | NA | NA | NA | NA | NA |
| 8/21/2018 | 16.8 | 1.62 | 12.6 | 18.7 | 435.2 | 351.2 | NA | NA | NA | NA | NA | NA |
| 8/22/2018 | 14.3 | 2.05 | 10.3 | 16.1 | 449.4 | 361.4 | NA | NA | NA | NA | NA | NA |
| 8/23/2018 | 12.4 | 2.75 | 9.3 | 16.7 | 461.8 | 369.8 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/24/2018 | 17.6 | 1.15 | 15.2 | 18.9 | 479.4 | 383.4 | NA | NA | NA | NA | NA | NA |
| 8/25/2018 | 18.4 | 0.72 | 16.9 | 19.4 | 497.8 | 397.8 | NA | NA | NA | NA | NA | NA |
| 8/26/2018 | 19.7 | 0.21 | 19.3 | 20.0 | 517.5 | 413.5 | NA | NA | NA | NA | NA | NA |
| 8/27/2018 | 19.7 | 0.65 | 17.8 | 20.1 | 537.2 | 429.2 | NA | NA | NA | NA | NA | NA |
| 8/28/2018 | 20.1 | 0.37 | 19.4 | 20.7 | 557.3 | 445.3 | NA | NA | NA | NA | NA | NA |
| 8/29/2018 | 20.8 | 0.10 | 20.6 | 20.9 | 578.1 | 462.1 | NA | NA | NA | NA | NA | NA |
| 8/30/2018 | 20.5 | 0.23 | 20.2 | 20.9 | 598.6 | 478.6 | NA | NA | NA | NA | NA | NA |
| 8/31/2018 | 20.4 | 0.16 | 20.1 | 20.6 | 619.0 | 495.0 | NA | NA | NA | NA | NA | NA |

September

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/1/2018 | 19.6 | 0.42 | 19.0 | 20.1 | 19.6 | 15.6 | NA | NA | NA | NA | NA | NA |
| 9/2/2018 | 19.5 | 0.50 | 18.9 | 20.1 | 39.2 | 31.2 | NA | NA | NA | NA | NA | NA |
| 9/3/2018 | 20.0 | 0.15 | 19.7 | 20.2 | 59.1 | 47.1 | NA | NA | NA | NA | NA | NA |
| 9/4/2018 | 20.2 | 0.09 | 20.1 | 20.3 | 79.3 | 63.3 | NA | NA | NA | NA | NA | NA |
| 9/5/2018 | 20.2 | 0.05 | 20.1 | 20.2 | 99.5 | 79.5 | NA | NA | NA | NA | NA | NA |
| 9/6/2018 | 20.1 | 0.03 | 20.0 | 20.1 | 119.5 | 95.5 | NA | NA | NA | NA | NA | NA |
| 9/7/2018 | 19.4 | 0.27 | 19.1 | 20.0 | 138.9 | 110.9 | NA | NA | NA | NA | NA | NA |
| 9/8/2018 | 19.5 | 0.09 | 19.3 | 19.6 | 158.4 | 126.4 | NA | NA | NA | NA | NA | NA |
| 9/9/2018 | 19.0 | 0.17 | 18.8 | 19.3 | 177.4 | 141.4 | NA | NA | NA | NA | NA | NA |
| 9/10/2018 | 18.7 | 0.19 | 18.4 | 19.0 | 196.2 | 156.2 | NA | NA | NA | NA | NA | NA |
| 9/11/2018 | 18.1 | 0.20 | 17.7 | 18.4 | 214.3 | 170.3 | NA | NA | NA | NA | NA | NA |
| 9/12/2018 | 17.6 | 0.54 | 16.1 | 18.0 | 231.9 | 183.9 | NA | NA | NA | NA | NA | NA |
| 9/13/2018 | 18.0 | 0.09 | 17.8 | 18.1 | 249.9 | 197.9 | NA | NA | NA | NA | NA | NA |
| 9/14/2018 | 18.0 | 0.12 | 17.8 | 18.2 | 267.9 | 211.9 | NA | NA | NA | NA | NA | NA |
| 9/15/2018 | 18.4 | 0.46 | 17.9 | 19.1 | 286.3 | 226.3 | NA | NA | NA | NA | NA | NA |
| 9/16/2018 | 18.9 | 0.25 | 18.2 | 19.1 | 305.2 | 241.2 | NA | NA | NA | NA | NA | NA |
| 9/17/2018 | 18.4 | 0.38 | 17.8 | 18.8 | 323.5 | 255.5 | NA | NA | NA | NA | NA | NA |
| 9/18/2018 | 18.2 | 0.14 | 18.0 | 18.5 | 341.8 | 269.8 | NA | NA | NA | NA | NA | NA |
| 9/19/2018 | 16.0 | 2.37 | 11.7 | 18.3 | 357.8 | 281.8 | NA | NA | NA | NA | NA | NA |
| 9/20/2018 | 13.2 | 1.38 | 11.1 | 14.9 | 371.0 | 291.0 | NA | NA | NA | NA | NA | NA |
| 9/21/2018 | 15.4 | 0.59 | 13.8 | 15.9 | 386.3 | 302.3 | NA | NA | NA | NA | NA | NA |
| 9/22/2018 | 12.6 | 0.67 | 11.0 | 13.3 | 399.0 | 311.0 | NA | NA | NA | NA | NA | NA |
| 9/23/2018 | 14.5 | 0.32 | 14.0 | 15.0 | 413.4 | 321.4 | NA | NA | NA | NA | NA | NA |
| 9/24/2018 | 14.4 | 0.38 | 13.8 | 14.9 | 427.8 | 331.8 | NA | NA | NA | NA | NA | NA |



Daily mean temperature for Covehead 1, P.E.I., 2018.

Covehead 2, P.E.I.

2018

April

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 4/28/2018 | 1.0 | 0.44 | 0.5 | 1.8 | 1.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/29/2018 | 1.3 | 0.33 | 0.6 | 1.8 | 2.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/30/2018 | 1.5 | 0.29 | 1.0 | 1.8 | 3.7 | 0.0 | NA | NA | NA | NA | NA | NA |

May

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 5/1/2018 | 1.1 | 0.19 | 0.8 | 1.4 | 1.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/2/2018 | 1.7 | 0.46 | 1.1 | 2.8 | 2.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/3/2018 | 2.9 | 0.93 | 1.5 | 4.1 | 5.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/4/2018 | 2.5 | 0.43 | 1.9 | 3.3 | 8.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/5/2018 | 2.5 | 0.98 | 1.3 | 3.8 | 10.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/6/2018 | 3.2 | 0.09 | 3.1 | 3.4 | 13.9 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/7/2018 | 3.2 | 0.27 | 3.0 | 3.7 | 17.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/8/2018 | 3.5 | 0.33 | 3.1 | 4.1 | 20.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/9/2018 | 4.2 | 0.12 | 4.1 | 4.4 | 24.9 | 0.2 | NA | NA | NA | NA | NA | NA |
| 5/10/2018 | 3.5 | 0.20 | 3.3 | 4.0 | 28.5 | 0.2 | NA | NA | NA | NA | NA | NA |
| 5/11/2018 | 3.8 | 0.43 | 3.3 | 4.4 | 32.2 | 0.2 | NA | NA | NA | NA | NA | NA |
| 5/12/2018 | 4.4 | 0.09 | 4.2 | 4.6 | 36.7 | 0.7 | NA | NA | NA | NA | NA | NA |
| 5/13/2018 | 4.7 | 0.19 | 4.4 | 4.9 | 41.4 | 1.4 | NA | NA | NA | NA | NA | NA |
| 5/14/2018 | 5.0 | 0.21 | 4.7 | 5.3 | 46.4 | 2.3 | NA | NA | NA | NA | NA | NA |
| 5/15/2018 | 5.4 | 0.13 | 5.2 | 5.7 | 51.7 | 3.7 | NA | NA | NA | NA | NA | NA |
| 5/16/2018 | 5.8 | 0.07 | 5.7 | 5.9 | 57.5 | 5.5 | NA | NA | NA | NA | NA | NA |
| 5/17/2018 | 5.5 | 0.30 | 5.1 | 5.9 | 63.0 | 7.0 | NA | NA | NA | NA | NA | NA |
| 5/18/2018 | 5.9 | 0.45 | 4.9 | 6.4 | 68.9 | 8.9 | NA | NA | NA | NA | NA | NA |
| 5/19/2018 | 6.3 | 0.18 | 6.0 | 6.6 | 75.2 | 11.2 | NA | NA | NA | NA | NA | NA |
| 5/20/2018 | 6.1 | 0.34 | 5.5 | 6.5 | 81.3 | 13.3 | NA | NA | NA | NA | NA | NA |
| 5/21/2018 | 6.9 | 0.48 | 6.4 | 7.6 | 88.2 | 16.2 | NA | NA | NA | NA | NA | NA |
| 5/22/2018 | 7.1 | 0.09 | 7.0 | 7.3 | 95.3 | 19.3 | NA | NA | NA | NA | NA | NA |
| 5/23/2018 | 7.2 | 0.16 | 6.9 | 7.4 | 102.6 | 22.6 | NA | NA | NA | NA | NA | NA |
| 5/24/2018 | 7.7 | 0.44 | 7.2 | 8.2 | 110.3 | 26.2 | NA | NA | NA | NA | NA | NA |
| 5/25/2018 | 7.8 | 0.14 | 7.6 | 8.0 | 118.1 | 30.1 | NA | NA | NA | NA | NA | NA |
| 5/26/2018 | 7.7 | 0.21 | 7.5 | 8.3 | 125.8 | 33.8 | NA | NA | NA | NA | NA | NA |
| 5/27/2018 | 7.7 | 0.16 | 7.4 | 7.9 | 133.5 | 37.5 | NA | NA | NA | NA | NA | NA |
| 5/28/2018 | 7.5 | 0.34 | 7.2 | 8.3 | 141.1 | 41.1 | NA | NA | NA | NA | NA | NA |
| 5/29/2018 | 8.3 | 0.82 | 6.9 | 9.1 | 149.4 | 45.4 | NA | NA | NA | NA | NA | NA |
| 5/30/2018 | 8.8 | 0.25 | 8.4 | 9.1 | 158.2 | 50.2 | NA | NA | NA | NA | NA | NA |
| 5/31/2018 | 8.6 | 0.14 | 8.3 | 8.9 | 166.8 | 54.8 | NA | NA | NA | NA | NA | NA |

June

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/1/2018 | 8.3 | 0.76 | 7.0 | 9.0 | 8.3 | 4.3 | NA | NA | NA | NA | NA | NA |
| 6/2/2018 | 9.4 | 1.48 | 7.7 | 11.4 | 17.7 | 9.7 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/3/2018 | 10.0 | 0.27 | 9.5 | 10.3 | 27.7 | 15.7 | NA | NA | NA | NA | NA | NA |
| 6/4/2018 | 10.1 | 0.26 | 9.4 | 10.5 | 37.8 | 21.8 | NA | NA | NA | NA | NA | NA |
| 6/5/2018 | 8.9 | 0.33 | 8.5 | 9.4 | 46.7 | 26.7 | NA | NA | NA | NA | NA | NA |
| 6/6/2018 | 8.3 | 0.36 | 7.5 | 8.9 | 55.0 | 31.0 | NA | NA | NA | NA | NA | NA |
| 6/7/2018 | 6.9 | 0.20 | 6.6 | 7.3 | 61.9 | 33.9 | NA | NA | NA | NA | NA | NA |
| 6/8/2018 | 6.9 | 0.30 | 6.6 | 7.6 | 68.8 | 36.8 | NA | NA | NA | NA | NA | NA |
| 6/9/2018 | 8.8 | 0.54 | 7.4 | 9.4 | 77.6 | 41.6 | NA | NA | NA | NA | NA | NA |
| 6/10/2018 | 9.3 | 0.38 | 8.8 | 9.8 | 86.9 | 46.9 | NA | NA | NA | NA | NA | NA |
| 6/11/2018 | 8.8 | 0.71 | 7.7 | 9.7 | 95.7 | 51.7 | NA | NA | NA | NA | NA | NA |
| 6/12/2018 | 8.8 | 0.25 | 8.3 | 9.1 | 104.5 | 56.5 | NA | NA | NA | NA | NA | NA |
| 6/13/2018 | 9.5 | 0.33 | 8.8 | 9.9 | 114.0 | 62.0 | NA | NA | NA | NA | NA | NA |
| 6/14/2018 | 9.1 | 0.74 | 7.5 | 9.9 | 123.1 | 67.1 | NA | NA | NA | NA | NA | NA |
| 6/15/2018 | 7.2 | 0.30 | 6.6 | 7.7 | 130.4 | 70.4 | NA | NA | NA | NA | NA | NA |
| 6/16/2018 | 9.0 | 1.30 | 7.1 | 10.6 | 139.4 | 75.4 | NA | NA | NA | NA | NA | NA |
| 6/17/2018 | 9.8 | 0.36 | 9.1 | 10.4 | 149.2 | 81.2 | NA | NA | NA | NA | NA | NA |
| 6/18/2018 | 8.3 | 0.66 | 7.2 | 9.2 | 157.4 | 85.4 | NA | NA | NA | NA | NA | NA |
| 6/19/2018 | 9.6 | 0.80 | 8.2 | 10.6 | 167.0 | 91.0 | NA | NA | NA | NA | NA | NA |
| 6/20/2018 | 10.8 | 0.35 | 9.9 | 11.2 | 177.8 | 97.8 | NA | NA | NA | NA | NA | NA |
| 6/21/2018 | 11.2 | 0.25 | 10.9 | 11.5 | 189.0 | 105.0 | NA | NA | NA | NA | NA | NA |
| 6/22/2018 | 11.0 | 0.14 | 10.9 | 11.3 | 200.0 | 112.0 | NA | NA | NA | NA | NA | NA |
| 6/23/2018 | 11.7 | 0.60 | 10.9 | 12.6 | 211.7 | 119.7 | NA | NA | NA | NA | NA | NA |
| 6/24/2018 | 12.3 | 0.27 | 11.9 | 12.6 | 224.0 | 128.0 | NA | NA | NA | NA | NA | NA |
| 6/25/2018 | 12.4 | 0.18 | 12.0 | 12.6 | 236.4 | 136.4 | NA | NA | NA | NA | NA | NA |
| 6/26/2018 | 12.5 | 0.36 | 12.1 | 13.1 | 248.9 | 144.9 | NA | NA | NA | NA | NA | NA |
| 6/27/2018 | 12.5 | 0.32 | 12.1 | 13.0 | 261.4 | 153.4 | NA | NA | NA | NA | NA | NA |
| 6/28/2018 | 12.6 | 0.17 | 12.5 | 13.0 | 274.1 | 162.1 | NA | NA | NA | NA | NA | NA |
| 6/29/2018 | 10.6 | 0.81 | 9.5 | 12.5 | 284.7 | 168.7 | NA | NA | NA | NA | NA | NA |
| 6/30/2018 | 10.5 | 0.99 | 9.4 | 12.1 | 295.2 | 175.2 | NA | NA | NA | NA | NA | NA |

July

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/1/2018 | 11.4 | 1.07 | 9.9 | 13.5 | 11.4 | 7.4 | NA | NA | NA | NA | NA | NA |
| 7/2/2018 | 12.5 | 0.63 | 12.0 | 13.8 | 24.0 | 16.0 | NA | NA | NA | NA | NA | NA |
| 7/3/2018 | 11.9 | 0.46 | 10.8 | 12.5 | 35.9 | 23.9 | NA | NA | NA | NA | NA | NA |
| 7/4/2018 | 12.7 | 1.02 | 10.9 | 14.5 | 48.5 | 32.5 | NA | NA | NA | NA | NA | NA |
| 7/5/2018 | 13.0 | 0.47 | 12.2 | 13.7 | 61.5 | 41.5 | NA | NA | NA | NA | NA | NA |
| 7/6/2018 | 11.9 | 1.28 | 9.7 | 14.8 | 73.4 | 49.4 | NA | NA | NA | NA | NA | NA |
| 7/7/2018 | 15.4 | 0.09 | 15.3 | 15.6 | 88.9 | 60.9 | NA | NA | NA | NA | NA | NA |
| 7/8/2018 | 15.5 | 0.18 | 15.3 | 15.9 | 104.3 | 72.3 | NA | NA | NA | NA | NA | NA |
| 7/9/2018 | 15.7 | 0.19 | 15.4 | 16.0 | 120.0 | 84.0 | NA | NA | NA | NA | NA | NA |
| 7/10/2018 | 15.9 | 0.08 | 15.8 | 16.0 | 135.9 | 95.9 | NA | NA | NA | NA | NA | NA |
| 7/11/2018 | 15.9 | 0.38 | 15.5 | 16.4 | 151.8 | 107.8 | NA | NA | NA | NA | NA | NA |
| 7/12/2018 | 15.2 | 0.63 | 13.7 | 16.0 | 167.0 | 119.0 | NA | NA | NA | NA | NA | NA |
| 7/13/2018 | 15.4 | 0.39 | 14.8 | 16.2 | 182.3 | 130.3 | NA | NA | NA | NA | NA | NA |
| 7/14/2018 | 13.5 | 0.90 | 11.8 | 15.1 | 195.8 | 139.8 | NA | NA | NA | NA | NA | NA |
| 7/15/2018 | 12.5 | 0.81 | 10.9 | 13.7 | 208.4 | 148.4 | NA | NA | NA | NA | NA | NA |
| 7/16/2018 | 12.4 | 0.60 | 11.4 | 13.2 | 220.8 | 156.8 | NA | NA | NA | NA | NA | NA |
| 7/17/2018 | 12.4 | 0.41 | 11.8 | 12.9 | 233.2 | 165.2 | NA | NA | NA | NA | NA | NA |
| 7/18/2018 | 12.1 | 0.59 | 11.2 | 13.2 | 245.3 | 173.3 | NA | NA | NA | NA | NA | NA |
| 7/19/2018 | 13.6 | 0.73 | 12.5 | 14.9 | 259.0 | 183.0 | NA | NA | NA | NA | NA | NA |
| 7/20/2018 | 13.2 | 0.86 | 11.2 | 14.1 | 272.1 | 192.1 | NA | NA | NA | NA | NA | NA |
| 7/21/2018 | 13.0 | 0.52 | 12.4 | 14.3 | 285.1 | 201.1 | NA | NA | NA | NA | NA | NA |
| 7/22/2018 | 12.1 | 0.26 | 11.6 | 12.5 | 297.2 | 209.2 | NA | NA | NA | NA | NA | NA |
| 7/23/2018 | 12.8 | 0.98 | 11.7 | 14.5 | 310.0 | 218.0 | NA | NA | NA | NA | NA | NA |
| 7/24/2018 | 13.7 | 1.00 | 12.4 | 14.8 | 323.7 | 227.7 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/25/2018 | 15.5 | 4.39 | 10.1 | 20.6 | 339.2 | 239.2 | NA | NA | NA | NA | NA | NA |
| 7/26/2018 | 12.4 | 3.26 | 9.1 | 19.9 | 351.7 | 247.7 | NA | NA | NA | NA | NA | NA |
| 7/27/2018 | 9.7 | 1.76 | 7.3 | 13.6 | 361.3 | 253.3 | NA | NA | NA | NA | NA | NA |
| 7/28/2018 | 10.7 | 1.35 | 8.7 | 13.0 | 372.0 | 260.0 | NA | NA | NA | NA | NA | NA |
| 7/29/2018 | 10.8 | 1.24 | 9.0 | 13.1 | 382.8 | 266.8 | NA | NA | NA | NA | NA | NA |
| 7/30/2018 | 12.0 | 2.31 | 9.8 | 18.1 | 394.9 | 274.9 | NA | NA | NA | NA | NA | NA |
| 7/31/2018 | 13.9 | 1.68 | 12.1 | 16.6 | 408.7 | 284.7 | NA | NA | NA | NA | NA | NA |

August

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/1/2018 | 14.5 | 0.99 | 13.0 | 16.7 | 14.5 | 10.5 | NA | NA | NA | NA | NA | NA |
| 8/2/2018 | 12.4 | 1.31 | 11.2 | 15.2 | 26.9 | 18.9 | NA | NA | NA | NA | NA | NA |
| 8/3/2018 | 13.9 | 1.67 | 10.9 | 16.3 | 40.8 | 28.8 | NA | NA | NA | NA | NA | NA |
| 8/4/2018 | 12.2 | 0.85 | 11.1 | 13.7 | 53.0 | 37.0 | NA | NA | NA | NA | NA | NA |
| 8/5/2018 | 13.3 | 2.81 | 9.9 | 17.5 | 66.3 | 46.3 | NA | NA | NA | NA | NA | NA |
| 8/6/2018 | 14.1 | 1.69 | 12.3 | 18.5 | 80.4 | 56.4 | NA | NA | NA | NA | NA | NA |
| 8/7/2018 | 15.2 | 0.84 | 14.0 | 16.9 | 95.6 | 67.6 | NA | NA | NA | NA | NA | NA |
| 8/8/2018 | 16.1 | 1.79 | 13.3 | 19.0 | 111.7 | 79.7 | NA | NA | NA | NA | NA | NA |
| 8/9/2018 | 10.2 | 1.91 | 7.7 | 12.9 | 122.0 | 86.0 | NA | NA | NA | NA | NA | NA |
| 8/10/2018 | 10.2 | 2.80 | 6.0 | 14.1 | 132.1 | 92.1 | NA | NA | NA | NA | NA | NA |
| 8/11/2018 | 18.7 | 2.44 | 14.3 | 22.1 | 150.8 | 106.8 | NA | NA | NA | NA | NA | NA |
| 8/12/2018 | 19.3 | 2.27 | 13.9 | 21.5 | 170.1 | 122.1 | NA | NA | NA | NA | NA | NA |
| 8/13/2018 | 18.4 | 1.36 | 16.5 | 20.4 | 188.5 | 136.5 | NA | NA | NA | NA | NA | NA |
| 8/14/2018 | 15.8 | 1.62 | 14.1 | 19.0 | 204.2 | 148.2 | NA | NA | NA | NA | NA | NA |
| 8/15/2018 | 12.1 | 1.05 | 11.0 | 13.8 | 216.4 | 156.4 | NA | NA | NA | NA | NA | NA |
| 8/16/2018 | 15.8 | 1.97 | 11.9 | 18.8 | 232.1 | 168.1 | NA | NA | NA | NA | NA | NA |
| 8/17/2018 | 15.4 | 1.99 | 12.9 | 19.6 | 247.6 | 179.6 | NA | NA | NA | NA | NA | NA |
| 8/18/2018 | 14.5 | 1.78 | 12.0 | 16.9 | 262.0 | 190.0 | NA | NA | NA | NA | NA | NA |
| 8/19/2018 | 11.0 | 2.11 | 9.2 | 14.9 | 273.0 | 197.0 | NA | NA | NA | NA | NA | NA |
| 8/20/2018 | 9.5 | 1.08 | 8.4 | 11.3 | 282.5 | 202.5 | NA | NA | NA | NA | NA | NA |
| 8/21/2018 | 12.2 | 1.29 | 8.9 | 13.9 | 294.7 | 210.7 | NA | NA | NA | NA | NA | NA |
| 8/22/2018 | 9.9 | 1.44 | 7.6 | 12.6 | 304.6 | 216.6 | NA | NA | NA | NA | NA | NA |
| 8/23/2018 | 8.4 | 1.04 | 6.9 | 10.3 | 313.1 | 221.1 | NA | NA | NA | NA | NA | NA |
| 8/24/2018 | 13.3 | 2.53 | 10.1 | 17.7 | 326.4 | 230.4 | NA | NA | NA | NA | NA | NA |
| 8/25/2018 | 17.5 | 0.89 | 16.4 | 19.1 | 344.0 | 244.0 | NA | NA | NA | NA | NA | NA |
| 8/26/2018 | 16.0 | 2.30 | 12.2 | 18.5 | 359.9 | 255.9 | NA | NA | NA | NA | NA | NA |
| 8/27/2018 | 14.5 | 1.49 | 12.3 | 16.3 | 374.4 | 266.4 | NA | NA | NA | NA | NA | NA |
| 8/28/2018 | 13.4 | 1.21 | 12.0 | 15.3 | 387.7 | 275.7 | NA | NA | NA | NA | NA | NA |
| 8/29/2018 | 18.0 | 3.72 | 11.7 | 20.8 | 405.8 | 289.8 | NA | NA | NA | NA | NA | NA |
| 8/30/2018 | 19.0 | 1.33 | 16.6 | 20.5 | 424.8 | 304.8 | NA | NA | NA | NA | NA | NA |
| 8/31/2018 | 19.9 | 0.65 | 18.7 | 20.5 | 444.7 | 320.7 | NA | NA | NA | NA | NA | NA |

September

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/1/2018 | 18.2 | 0.34 | 17.6 | 18.8 | 18.2 | 14.2 | NA | NA | NA | NA | NA | NA |
| 9/2/2018 | 15.6 | 1.66 | 12.3 | 18.1 | 33.8 | 25.8 | NA | NA | NA | NA | NA | NA |
| 9/3/2018 | 15.6 | 1.66 | 12.1 | 18.3 | 49.3 | 37.3 | NA | NA | NA | NA | NA | NA |
| 9/4/2018 | 16.0 | 2.31 | 12.1 | 19.3 | 65.3 | 49.3 | NA | NA | NA | NA | NA | NA |
| 9/5/2018 | 18.1 | 1.74 | 14.5 | 19.5 | 83.4 | 63.4 | NA | NA | NA | NA | NA | NA |
| 9/6/2018 | 15.3 | 2.69 | 10.7 | 18.5 | 98.7 | 74.7 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/7/2018 | 19.5 | 0.20 | 19.3 | 19.9 | 118.2 | 90.2 | NA | NA | NA | NA | NA | NA |
| 9/8/2018 | 19.4 | 0.20 | 18.8 | 19.5 | 137.6 | 105.6 | NA | NA | NA | NA | NA | NA |
| 9/9/2018 | 19.0 | 0.23 | 18.7 | 19.3 | 156.6 | 120.6 | NA | NA | NA | NA | NA | NA |
| 9/10/2018 | 18.5 | 0.14 | 18.3 | 18.7 | 175.1 | 135.1 | NA | NA | NA | NA | NA | NA |
| 9/11/2018 | 16.0 | 2.54 | 12.1 | 18.4 | 191.2 | 147.2 | NA | NA | NA | NA | NA | NA |
| 9/12/2018 | 15.0 | 4.20 | 8.1 | 18.5 | 206.2 | 158.2 | NA | NA | NA | NA | NA | NA |
| 9/13/2018 | 16.7 | 0.88 | 15.6 | 18.1 | 222.9 | 170.9 | NA | NA | NA | NA | NA | NA |
| 9/14/2018 | 16.7 | 0.81 | 14.9 | 17.7 | 239.5 | 183.5 | NA | NA | NA | NA | NA | NA |
| 9/15/2018 | 16.1 | 1.43 | 13.7 | 17.7 | 255.6 | 195.6 | NA | NA | NA | NA | NA | NA |
| 9/16/2018 | 17.8 | 0.95 | 16.3 | 18.9 | 273.5 | 209.5 | NA | NA | NA | NA | NA | NA |
| 9/17/2018 | 16.2 | 1.20 | 14.0 | 17.8 | 289.6 | 221.6 | NA | NA | NA | NA | NA | NA |
| 9/18/2018 | 18.1 | 0.14 | 17.8 | 18.4 | 307.7 | 235.7 | NA | NA | NA | NA | NA | NA |
| 9/19/2018 | 12.7 | 3.16 | 9.3 | 17.6 | 320.4 | 244.4 | NA | NA | NA | NA | NA | NA |
| 9/20/2018 | 9.6 | 0.42 | 9.0 | 10.4 | 330.0 | 250.0 | NA | NA | NA | NA | NA | NA |
| 9/21/2018 | 11.8 | 1.28 | 9.9 | 14.1 | 341.8 | 257.8 | NA | NA | NA | NA | NA | NA |
| 9/22/2018 | 10.4 | 2.55 | 7.2 | 13.6 | 352.2 | 264.2 | NA | NA | NA | NA | NA | NA |
| 9/23/2018 | 13.7 | 0.84 | 12.7 | 15.3 | 365.9 | 273.9 | NA | NA | NA | NA | NA | NA |
| 9/24/2018 | 14.7 | 0.43 | 14.1 | 15.3 | 380.5 | 284.5 | NA | NA | NA | NA | NA | NA |
| 9/25/2018 | 14.4 | 0.38 | 13.8 | 15.0 | 394.9 | 294.9 | NA | NA | NA | NA | NA | NA |
| 9/26/2018 | 12.3 | 1.40 | 10.2 | 13.8 | 407.2 | 303.2 | NA | NA | NA | NA | NA | NA |
| 9/27/2018 | 11.1 | 2.73 | 6.7 | 13.5 | 418.3 | 310.3 | NA | NA | NA | NA | NA | NA |
| 9/28/2018 | 10.9 | 1.48 | 8.5 | 12.7 | 429.3 | 317.3 | NA | NA | NA | NA | NA | NA |
| 9/29/2018 | 12.6 | 1.32 | 9.8 | 13.9 | 441.8 | 325.8 | NA | NA | NA | NA | NA | NA |
| 9/30/2018 | 14.0 | 0.05 | 13.9 | 14.1 | 455.8 | 335.8 | NA | NA | NA | NA | NA | NA |

October

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/1/2018 | 13.7 | 0.55 | 12.7 | 14.2 | 13.7 | 9.7 | NA | NA | NA | NA | NA | NA |
| 10/2/2018 | 13.9 | 0.45 | 12.5 | 14.2 | 27.6 | 19.6 | NA | NA | NA | NA | NA | NA |
| 10/3/2018 | 11.1 | 1.19 | 9.5 | 12.6 | 38.6 | 26.6 | NA | NA | NA | NA | NA | NA |
| 10/4/2018 | 9.8 | 0.44 | 9.1 | 10.5 | 48.5 | 32.5 | NA | NA | NA | NA | NA | NA |
| 10/5/2018 | 12.3 | 0.25 | 11.7 | 12.7 | 60.8 | 40.8 | NA | NA | NA | NA | NA | NA |
| 10/6/2018 | 13.0 | 0.11 | 12.7 | 13.1 | 73.8 | 49.8 | NA | NA | NA | NA | NA | NA |
| 10/7/2018 | 12.9 | 0.23 | 12.4 | 13.1 | 86.6 | 58.6 | NA | NA | NA | NA | NA | NA |
| 10/8/2018 | 12.8 | 0.10 | 12.6 | 12.9 | 99.4 | 67.4 | NA | NA | NA | NA | NA | NA |
| 10/9/2018 | 12.5 | 0.15 | 12.4 | 12.9 | 112.0 | 76.0 | NA | NA | NA | NA | NA | NA |
| 10/10/2018 | 12.6 | 0.05 | 12.4 | 12.6 | 124.6 | 84.6 | NA | NA | NA | NA | NA | NA |
| 10/11/2018 | 12.3 | 0.16 | 12.0 | 12.4 | 136.8 | 92.8 | NA | NA | NA | NA | NA | NA |
| 10/12/2018 | 11.5 | 0.36 | 11.1 | 12.1 | 148.3 | 100.3 | NA | NA | NA | NA | NA | NA |
| 10/13/2018 | 11.7 | 0.10 | 11.5 | 11.8 | 160.0 | 108.0 | NA | NA | NA | NA | NA | NA |
| 10/14/2018 | 11.1 | 0.17 | 10.9 | 11.4 | 171.1 | 115.1 | NA | NA | NA | NA | NA | NA |
| 10/15/2018 | 10.8 | 0.12 | 10.6 | 11.0 | 181.9 | 121.9 | NA | NA | NA | NA | NA | NA |
| 10/16/2018 | 10.9 | 0.16 | 10.7 | 11.1 | 192.9 | 128.9 | NA | NA | NA | NA | NA | NA |
| 10/17/2018 | 10.8 | 0.10 | 10.6 | 10.9 | 203.7 | 135.7 | NA | NA | NA | NA | NA | NA |
| 10/18/2018 | 10.4 | 0.37 | 9.4 | 10.9 | 214.0 | 142.0 | NA | NA | NA | NA | NA | NA |
| 10/19/2018 | 9.4 | 0.28 | 9.1 | 9.8 | 223.4 | 147.4 | NA | NA | NA | NA | NA | NA |
| 10/20/2018 | 9.3 | 0.30 | 8.5 | 9.6 | 232.7 | 152.7 | NA | NA | NA | NA | NA | NA |
| 10/21/2018 | 9.6 | 0.03 | 9.6 | 9.7 | 242.3 | 158.3 | NA | NA | NA | NA | NA | NA |
| 10/22/2018 | 9.1 | 0.24 | 8.9 | 9.7 | 251.4 | 163.4 | NA | NA | NA | NA | NA | NA |
| 10/23/2018 | 8.9 | 0.07 | 8.9 | 9.1 | 260.3 | 168.3 | NA | NA | NA | NA | NA | NA |
| 10/24/2018 | 8.7 | 0.14 | 8.4 | 8.9 | 269.0 | 173.0 | NA | NA | NA | NA | NA | NA |
| 10/25/2018 | 8.6 | 0.21 | 8.3 | 9.0 | 277.7 | 177.7 | NA | NA | NA | NA | NA | NA |
| 10/26/2018 | 8.1 | 0.28 | 7.8 | 8.5 | 285.8 | 181.8 | NA | NA | NA | NA | NA | NA |
| 10/27/2018 | 7.6 | 0.24 | 7.4 | 8.1 | 293.4 | 185.4 | NA | NA | NA | NA | NA | NA |
| 10/28/2018 | 7.6 | 0.33 | 7.0 | 7.9 | 301.0 | 189.0 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/29/2018 | 7.8 | 0.12 | 7.6 | 8.0 | 308.8 | 192.8 | NA | NA | NA | NA | NA | NA |
| 10/30/2018 | 7.7 | 0.06 | 7.6 | 7.8 | 316.5 | 196.5 | NA | NA | NA | NA | NA | NA |
| 10/31/2018 | 7.7 | 0.05 | 7.6 | 7.8 | 324.2 | 200.2 | NA | NA | NA | NA | NA | NA |

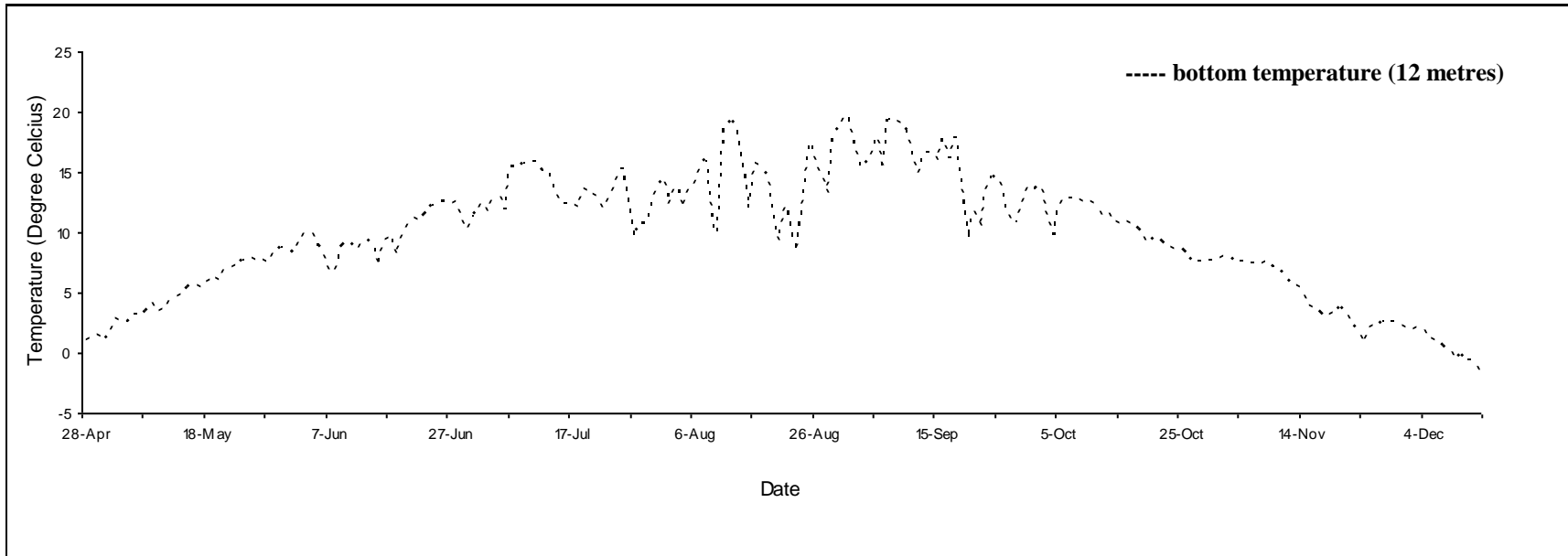
November

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 11/1/2018 | 8.0 | 0.12 | 7.8 | 8.2 | 8.0 | 4.0 | NA | NA | NA | NA | NA | NA |
| 11/2/2018 | 8.0 | 0.09 | 7.8 | 8.1 | 16.0 | 8.0 | NA | NA | NA | NA | NA | NA |
| 11/3/2018 | 7.5 | 0.20 | 7.2 | 7.8 | 23.5 | 11.5 | NA | NA | NA | NA | NA | NA |
| 11/4/2018 | 7.5 | 0.12 | 7.4 | 7.8 | 31.1 | 15.1 | NA | NA | NA | NA | NA | NA |
| 11/5/2018 | 7.5 | 0.04 | 7.4 | 7.5 | 38.5 | 18.5 | NA | NA | NA | NA | NA | NA |
| 11/6/2018 | 7.4 | 0.07 | 7.3 | 7.5 | 45.9 | 21.9 | NA | NA | NA | NA | NA | NA |
| 11/7/2018 | 7.3 | 0.21 | 7.1 | 7.7 | 53.3 | 25.3 | NA | NA | NA | NA | NA | NA |
| 11/8/2018 | 7.6 | 0.10 | 7.4 | 7.7 | 60.8 | 28.8 | NA | NA | NA | NA | NA | NA |
| 11/9/2018 | 7.2 | 0.11 | 7.1 | 7.4 | 68.0 | 32.0 | NA | NA | NA | NA | NA | NA |
| 11/10/2018 | 7.1 | 0.07 | 6.9 | 7.2 | 75.1 | 35.1 | NA | NA | NA | NA | NA | NA |
| 11/11/2018 | 6.6 | 0.28 | 6.0 | 7.0 | 81.7 | 37.7 | NA | NA | NA | NA | NA | NA |
| 11/12/2018 | 5.8 | 0.14 | 5.5 | 6.0 | 87.4 | 39.4 | NA | NA | NA | NA | NA | NA |
| 11/13/2018 | 5.6 | 0.34 | 5.0 | 5.9 | 93.0 | 41.0 | NA | NA | NA | NA | NA | NA |
| 11/14/2018 | 5.3 | 0.40 | 4.7 | 5.8 | 98.3 | 42.3 | NA | NA | NA | NA | NA | NA |
| 11/15/2018 | 3.9 | 0.45 | 3.1 | 4.6 | 102.1 | 42.3 | NA | NA | NA | NA | NA | NA |
| 11/16/2018 | 3.8 | 0.35 | 3.2 | 4.2 | 106.0 | 42.3 | NA | NA | NA | NA | NA | NA |
| 11/17/2018 | 3.2 | 0.22 | 2.8 | 3.5 | 109.2 | 42.3 | NA | NA | NA | NA | NA | NA |
| 11/18/2018 | 3.1 | 0.28 | 2.5 | 3.5 | 112.2 | 42.3 | NA | NA | NA | NA | NA | NA |
| 11/19/2018 | 3.3 | 0.14 | 3.1 | 3.5 | 115.5 | 42.3 | NA | NA | NA | NA | NA | NA |
| 11/20/2018 | 3.8 | 0.22 | 3.2 | 4.1 | 119.3 | 42.3 | NA | NA | NA | NA | NA | NA |
| 11/21/2018 | 3.3 | 0.46 | 2.5 | 4.0 | 122.6 | 42.3 | NA | NA | NA | NA | NA | NA |
| 11/22/2018 | 2.6 | 0.30 | 2.1 | 3.0 | 125.2 | 42.3 | NA | NA | NA | NA | NA | NA |
| 11/23/2018 | 1.7 | 0.37 | 1.2 | 2.3 | 126.9 | 42.3 | NA | NA | NA | NA | NA | NA |
| 11/24/2018 | 0.9 | 0.39 | 0.3 | 1.5 | 127.8 | 42.3 | NA | NA | NA | NA | NA | NA |
| 11/25/2018 | 2.2 | 0.21 | 1.7 | 2.4 | 130.0 | 42.3 | NA | NA | NA | NA | NA | NA |
| 11/26/2018 | 2.3 | 0.19 | 1.9 | 2.5 | 132.3 | 42.3 | NA | NA | NA | NA | NA | NA |
| 11/27/2018 | 2.6 | 0.08 | 2.5 | 2.7 | 134.9 | 42.3 | NA | NA | NA | NA | NA | NA |
| 11/28/2018 | 2.6 | 0.04 | 2.6 | 2.7 | 137.5 | 42.3 | NA | NA | NA | NA | NA | NA |
| 11/29/2018 | 2.6 | 0.08 | 2.5 | 2.7 | 140.1 | 42.3 | NA | NA | NA | NA | NA | NA |
| 11/30/2018 | 2.3 | 0.08 | 2.2 | 2.5 | 142.4 | 42.3 | NA | NA | NA | NA | NA | NA |

December

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 12/1/2018 | 2.1 | 0.07 | 2.0 | 2.2 | 2.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/2/2018 | 1.9 | 0.03 | 1.9 | 2.0 | 4.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/3/2018 | 2.1 | 0.07 | 2.0 | 2.2 | 6.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/4/2018 | 1.9 | 0.15 | 1.7 | 2.2 | 8.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/5/2018 | 1.2 | 0.27 | 0.7 | 1.6 | 9.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/6/2018 | 1.1 | 0.21 | 0.6 | 1.2 | 10.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/7/2018 | 0.6 | 0.20 | 0.3 | 0.8 | 10.9 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/8/2018 | 0.4 | 0.26 | 0.1 | 0.9 | 11.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/9/2018 | -0.5 | 0.24 | -0.8 | 0.0 | 11.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/10/2018 | -0.2 | 0.31 | -0.6 | 0.3 | 11.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/11/2018 | -0.6 | 0.30 | -0.9 | 0.0 | 11.2 | 0.0 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 12/12/2018 | -0.7 | 0.44 | -1.5 | -0.1 | 11.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/13/2018 | -1.5 | 0.20 | -1.6 | -1.1 | 11.2 | 0.0 | NA | NA | NA | NA | NA | NA |



Daily mean temperature for Covehead 2, P.E.I., 2018.

East Point Reef, P.E.I.

2018

April

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 4/28/2018 | 1.3 | 0.20 | 1.0 | 1.7 | 1.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/29/2018 | 1.8 | 0.24 | 1.4 | 2.1 | 3.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/30/2018 | 2.0 | 0.27 | 1.4 | 2.3 | 5.1 | 0.0 | NA | NA | NA | NA | NA | NA |

May

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 5/1/2018 | 1.7 | 0.50 | 0.9 | 2.5 | 1.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/2/2018 | 1.5 | 0.35 | 1.0 | 2.0 | 3.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/3/2018 | 1.9 | 0.39 | 1.2 | 2.5 | 5.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/4/2018 | 1.7 | 0.49 | 1.2 | 2.6 | 6.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/5/2018 | 2.0 | 0.55 | 1.1 | 2.8 | 8.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/6/2018 | 2.3 | 0.15 | 2.1 | 2.5 | 11.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/7/2018 | 2.3 | 0.23 | 2.0 | 2.6 | 13.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/8/2018 | 2.7 | 0.25 | 2.2 | 3.1 | 16.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/9/2018 | 3.2 | 0.28 | 2.7 | 3.8 | 19.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/10/2018 | 3.3 | 0.24 | 2.8 | 3.6 | 22.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/11/2018 | 3.5 | 0.71 | 2.4 | 4.3 | 26.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/12/2018 | 4.1 | 0.18 | 3.8 | 4.4 | 30.1 | 0.1 | NA | NA | NA | NA | NA | NA |
| 5/13/2018 | 4.2 | 0.39 | 3.3 | 4.9 | 34.3 | 0.4 | NA | NA | NA | NA | NA | NA |
| 5/14/2018 | 3.9 | 0.70 | 2.5 | 4.7 | 38.3 | 0.4 | NA | NA | NA | NA | NA | NA |
| 5/15/2018 | 4.4 | 0.21 | 4.1 | 4.7 | 42.7 | 0.8 | NA | NA | NA | NA | NA | NA |
| 5/16/2018 | 4.8 | 0.42 | 4.0 | 5.2 | 47.5 | 1.6 | NA | NA | NA | NA | NA | NA |
| 5/17/2018 | 4.2 | 0.76 | 3.1 | 5.6 | 51.7 | 1.8 | NA | NA | NA | NA | NA | NA |
| 5/18/2018 | 4.6 | 0.23 | 4.1 | 4.9 | 56.3 | 2.4 | NA | NA | NA | NA | NA | NA |
| 5/19/2018 | 4.6 | 0.39 | 3.8 | 5.4 | 60.9 | 3.1 | NA | NA | NA | NA | NA | NA |
| 5/20/2018 | 4.2 | 0.76 | 2.9 | 5.1 | 65.1 | 3.2 | NA | NA | NA | NA | NA | NA |
| 5/21/2018 | 5.2 | 0.43 | 4.1 | 5.9 | 70.3 | 4.4 | NA | NA | NA | NA | NA | NA |
| 5/22/2018 | 5.9 | 0.19 | 5.7 | 6.2 | 76.2 | 6.3 | NA | NA | NA | NA | NA | NA |
| 5/23/2018 | 5.6 | 0.80 | 4.1 | 6.4 | 81.7 | 7.9 | NA | NA | NA | NA | NA | NA |
| 5/24/2018 | 6.4 | 0.33 | 5.5 | 6.8 | 88.1 | 10.2 | NA | NA | NA | NA | NA | NA |
| 5/25/2018 | 6.0 | 0.69 | 5.0 | 6.8 | 94.2 | 12.3 | NA | NA | NA | NA | NA | NA |
| 5/26/2018 | 6.6 | 0.20 | 6.3 | 7.0 | 100.8 | 14.9 | NA | NA | NA | NA | NA | NA |
| 5/27/2018 | 6.1 | 0.98 | 4.4 | 7.1 | 106.8 | 17.0 | NA | NA | NA | NA | NA | NA |
| 5/28/2018 | 4.6 | 1.53 | 2.9 | 6.7 | 111.5 | 17.6 | NA | NA | NA | NA | NA | NA |
| 5/29/2018 | 5.1 | 1.31 | 2.8 | 7.3 | 116.6 | 18.7 | NA | NA | NA | NA | NA | NA |
| 5/30/2018 | 6.3 | 1.24 | 4.3 | 7.7 | 122.9 | 21.0 | NA | NA | NA | NA | NA | NA |
| 5/31/2018 | 6.2 | 0.76 | 5.3 | 7.5 | 129.0 | 23.2 | NA | NA | NA | NA | NA | NA |

June

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/1/2018 | 5.8 | 1.01 | 4.8 | 8.1 | 5.8 | 1.8 | NA | NA | NA | NA | NA | NA |
| 6/2/2018 | 6.2 | 1.27 | 5.0 | 8.6 | 12.0 | 4.0 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/3/2018 | 7.3 | 1.15 | 5.5 | 8.7 | 19.3 | 7.3 | NA | NA | NA | NA | NA | NA |
| 6/4/2018 | 6.3 | 1.03 | 4.7 | 8.2 | 25.6 | 9.6 | NA | NA | NA | NA | NA | NA |
| 6/5/2018 | 6.7 | 0.93 | 5.4 | 8.0 | 32.3 | 12.3 | NA | NA | NA | NA | NA | NA |
| 6/6/2018 | 6.0 | 0.43 | 5.2 | 6.4 | 38.3 | 14.3 | NA | NA | NA | NA | NA | NA |
| 6/7/2018 | 6.4 | 0.51 | 5.5 | 7.1 | 44.6 | 16.6 | NA | NA | NA | NA | NA | NA |
| 6/8/2018 | 5.5 | 0.73 | 4.6 | 7.0 | 50.2 | 18.2 | NA | NA | NA | NA | NA | NA |
| 6/9/2018 | 6.9 | 1.03 | 5.6 | 8.6 | 57.1 | 21.1 | NA | NA | NA | NA | NA | NA |
| 6/10/2018 | 5.9 | 1.10 | 4.8 | 8.9 | 63.0 | 23.0 | NA | NA | NA | NA | NA | NA |
| 6/11/2018 | 6.4 | 0.95 | 5.3 | 8.8 | 69.4 | 25.4 | NA | NA | NA | NA | NA | NA |
| 6/12/2018 | 7.6 | 0.77 | 6.0 | 9.0 | 77.0 | 29.0 | NA | NA | NA | NA | NA | NA |
| 6/13/2018 | 8.4 | 0.93 | 6.9 | 9.6 | 85.5 | 33.5 | NA | NA | NA | NA | NA | NA |
| 6/14/2018 | 7.0 | 1.36 | 5.6 | 9.3 | 92.4 | 36.4 | NA | NA | NA | NA | NA | NA |
| 6/15/2018 | 6.1 | 1.18 | 4.3 | 8.3 | 98.5 | 38.5 | NA | NA | NA | NA | NA | NA |
| 6/16/2018 | 5.7 | 1.26 | 4.0 | 7.6 | 104.2 | 40.2 | NA | NA | NA | NA | NA | NA |
| 6/17/2018 | 5.8 | 1.15 | 4.3 | 7.4 | 110.0 | 42.0 | NA | NA | NA | NA | NA | NA |
| 6/18/2018 | 4.9 | 1.60 | 3.0 | 7.2 | 114.9 | 42.9 | NA | NA | NA | NA | NA | NA |
| 6/19/2018 | 7.1 | 1.07 | 5.8 | 9.3 | 121.9 | 45.9 | NA | NA | NA | NA | NA | NA |
| 6/20/2018 | 7.4 | 1.42 | 5.8 | 9.5 | 129.3 | 49.3 | NA | NA | NA | NA | NA | NA |
| 6/21/2018 | 9.3 | 1.18 | 7.2 | 10.5 | 138.6 | 54.6 | NA | NA | NA | NA | NA | NA |
| 6/22/2018 | 10.0 | 0.71 | 8.3 | 10.6 | 148.7 | 60.7 | NA | NA | NA | NA | NA | NA |
| 6/23/2018 | 9.2 | 1.16 | 7.8 | 10.9 | 157.8 | 65.8 | NA | NA | NA | NA | NA | NA |
| 6/24/2018 | 10.0 | 0.83 | 8.5 | 11.1 | 167.8 | 71.8 | NA | NA | NA | NA | NA | NA |
| 6/25/2018 | 9.2 | 1.37 | 7.2 | 11.2 | 177.0 | 77.0 | NA | NA | NA | NA | NA | NA |
| 6/26/2018 | 7.8 | 0.62 | 7.2 | 8.9 | 184.9 | 80.9 | NA | NA | NA | NA | NA | NA |
| 6/27/2018 | 8.0 | 0.65 | 7.0 | 9.3 | 192.9 | 84.9 | NA | NA | NA | NA | NA | NA |
| 6/28/2018 | 9.6 | 0.88 | 8.1 | 10.7 | 202.4 | 90.4 | NA | NA | NA | NA | NA | NA |
| 6/29/2018 | 9.8 | 1.09 | 8.2 | 11.5 | 212.3 | 96.3 | NA | NA | NA | NA | NA | NA |
| 6/30/2018 | 9.5 | 1.63 | 7.4 | 12.1 | 221.8 | 101.8 | NA | NA | NA | NA | NA | NA |

July

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/1/2018 | 9.5 | 1.57 | 6.9 | 12.1 | 9.5 | 5.5 | NA | NA | NA | NA | NA | NA |
| 7/2/2018 | 9.3 | 1.66 | 6.4 | 12.3 | 18.8 | 10.8 | NA | NA | NA | NA | NA | NA |
| 7/3/2018 | 8.2 | 1.46 | 6.3 | 11.4 | 27.0 | 15.0 | NA | NA | NA | NA | NA | NA |
| 7/4/2018 | 9.7 | 2.23 | 6.7 | 13.6 | 36.6 | 20.6 | NA | NA | NA | NA | NA | NA |
| 7/5/2018 | 8.8 | 1.42 | 6.9 | 11.5 | 45.4 | 25.4 | NA | NA | NA | NA | NA | NA |
| 7/6/2018 | 8.0 | 1.99 | 5.9 | 11.8 | 53.4 | 29.4 | NA | NA | NA | NA | NA | NA |
| 7/7/2018 | 11.3 | 2.19 | 7.8 | 14.3 | 64.8 | 36.8 | NA | NA | NA | NA | NA | NA |
| 7/8/2018 | 11.3 | 2.27 | 9.6 | 15.6 | 76.1 | 44.1 | NA | NA | NA | NA | NA | NA |
| 7/9/2018 | 12.8 | 2.48 | 9.4 | 15.7 | 88.8 | 52.8 | NA | NA | NA | NA | NA | NA |
| 7/10/2018 | 12.0 | 2.91 | 8.7 | 16.0 | 100.8 | 60.8 | NA | NA | NA | NA | NA | NA |
| 7/11/2018 | 12.6 | 2.95 | 7.8 | 15.9 | 113.4 | 69.4 | NA | NA | NA | NA | NA | NA |
| 7/12/2018 | 9.8 | 3.21 | 6.6 | 15.6 | 123.2 | 75.2 | NA | NA | NA | NA | NA | NA |
| 7/13/2018 | 9.7 | 2.81 | 7.1 | 14.9 | 133.0 | 81.0 | NA | NA | NA | NA | NA | NA |
| 7/14/2018 | 9.3 | 2.78 | 6.3 | 14.4 | 142.2 | 86.2 | NA | NA | NA | NA | NA | NA |
| 7/15/2018 | 9.4 | 2.80 | 6.6 | 13.2 | 151.7 | 91.7 | NA | NA | NA | NA | NA | NA |
| 7/16/2018 | 9.0 | 2.84 | 6.1 | 13.4 | 160.6 | 96.6 | NA | NA | NA | NA | NA | NA |
| 7/17/2018 | 8.6 | 2.62 | 5.8 | 12.8 | 169.2 | 101.2 | NA | NA | NA | NA | NA | NA |
| 7/18/2018 | 8.2 | 2.34 | 5.9 | 12.2 | 177.4 | 105.4 | NA | NA | NA | NA | NA | NA |
| 7/19/2018 | 9.8 | 3.12 | 6.2 | 14.6 | 187.3 | 111.3 | NA | NA | NA | NA | NA | NA |
| 7/20/2018 | 7.6 | 1.23 | 6.3 | 10.3 | 194.8 | 114.8 | NA | NA | NA | NA | NA | NA |
| 7/21/2018 | 7.9 | 1.32 | 6.6 | 10.3 | 202.7 | 118.7 | NA | NA | NA | NA | NA | NA |
| 7/22/2018 | 6.7 | 0.88 | 5.4 | 8.4 | 209.4 | 121.4 | NA | NA | NA | NA | NA | NA |
| 7/23/2018 | 8.3 | 1.90 | 6.0 | 11.0 | 217.7 | 125.7 | NA | NA | NA | NA | NA | NA |
| 7/24/2018 | 7.6 | 1.33 | 6.0 | 10.6 | 225.3 | 129.3 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/25/2018 | 8.8 | 2.11 | 6.3 | 12.5 | 234.1 | 134.1 | NA | NA | NA | NA | NA | NA |
| 7/26/2018 | 8.8 | 2.22 | 5.9 | 13.0 | 242.9 | 138.9 | NA | NA | NA | NA | NA | NA |
| 7/27/2018 | 8.9 | 3.40 | 5.9 | 15.6 | 251.7 | 143.7 | NA | NA | NA | NA | NA | NA |
| 7/28/2018 | 7.0 | 2.86 | 4.3 | 15.1 | 258.7 | 146.7 | NA | NA | NA | NA | NA | NA |
| 7/29/2018 | 6.5 | 2.15 | 4.7 | 11.4 | 265.2 | 149.2 | NA | NA | NA | NA | NA | NA |
| 7/30/2018 | 8.2 | 4.18 | 4.3 | 17.7 | 273.4 | 153.4 | NA | NA | NA | NA | NA | NA |
| 7/31/2018 | 8.6 | 3.62 | 4.5 | 16.3 | 282.0 | 158.0 | NA | NA | NA | NA | NA | NA |

August

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/1/2018 | 8.0 | 2.49 | 5.2 | 12.5 | 8.0 | 4.0 | NA | NA | NA | NA | NA | NA |
| 8/2/2018 | 7.6 | 1.51 | 6.1 | 11.3 | 15.6 | 7.6 | NA | NA | NA | NA | NA | NA |
| 8/3/2018 | 10.1 | 4.21 | 5.9 | 18.3 | 25.7 | 13.7 | NA | NA | NA | NA | NA | NA |
| 8/4/2018 | 7.1 | 0.74 | 6.4 | 8.6 | 32.8 | 16.8 | NA | NA | NA | NA | NA | NA |
| 8/5/2018 | 6.0 | 0.63 | 5.0 | 7.0 | 38.8 | 18.8 | NA | NA | NA | NA | NA | NA |
| 8/6/2018 | 7.5 | 2.73 | 5.8 | 16.0 | 46.3 | 22.3 | NA | NA | NA | NA | NA | NA |
| 8/7/2018 | 7.3 | 1.79 | 5.7 | 12.5 | 53.6 | 25.6 | NA | NA | NA | NA | NA | NA |
| 8/8/2018 | 8.0 | 2.97 | 5.2 | 15.5 | 61.6 | 29.6 | NA | NA | NA | NA | NA | NA |
| 8/9/2018 | 6.7 | 1.35 | 5.4 | 9.8 | 68.3 | 32.3 | NA | NA | NA | NA | NA | NA |
| 8/10/2018 | 7.2 | 2.15 | 5.5 | 12.9 | 75.6 | 35.6 | NA | NA | NA | NA | NA | NA |
| 8/11/2018 | 9.8 | 4.89 | 5.3 | 20.3 | 85.4 | 41.4 | NA | NA | NA | NA | NA | NA |
| 8/12/2018 | 9.4 | 4.10 | 6.3 | 20.2 | 94.8 | 46.8 | NA | NA | NA | NA | NA | NA |
| 8/13/2018 | 10.3 | 4.62 | 5.9 | 18.3 | 105.1 | 53.1 | NA | NA | NA | NA | NA | NA |
| 8/14/2018 | 10.8 | 4.84 | 5.7 | 18.3 | 116.0 | 60.0 | NA | NA | NA | NA | NA | NA |
| 8/15/2018 | 8.5 | 4.20 | 4.8 | 17.2 | 124.5 | 64.5 | NA | NA | NA | NA | NA | NA |
| 8/16/2018 | 9.5 | 4.15 | 5.4 | 18.2 | 134.0 | 70.0 | NA | NA | NA | NA | NA | NA |
| 8/17/2018 | 7.7 | 2.38 | 5.5 | 13.4 | 141.7 | 73.7 | NA | NA | NA | NA | NA | NA |
| 8/18/2018 | 6.2 | 0.51 | 5.6 | 7.2 | 148.0 | 76.0 | NA | NA | NA | NA | NA | NA |
| 8/19/2018 | 5.6 | 0.41 | 4.9 | 6.1 | 153.5 | 77.5 | NA | NA | NA | NA | NA | NA |
| 8/20/2018 | 4.9 | 0.42 | 4.0 | 5.4 | 158.4 | 78.4 | NA | NA | NA | NA | NA | NA |
| 8/21/2018 | 4.5 | 1.07 | 3.9 | 7.8 | 162.9 | 78.9 | NA | NA | NA | NA | NA | NA |
| 8/22/2018 | 4.5 | 0.37 | 4.0 | 5.2 | 167.4 | 79.4 | NA | NA | NA | NA | NA | NA |
| 8/23/2018 | 5.0 | 1.50 | 3.7 | 9.1 | 172.4 | 80.4 | NA | NA | NA | NA | NA | NA |
| 8/24/2018 | 6.9 | 1.97 | 4.8 | 10.5 | 179.3 | 83.3 | NA | NA | NA | NA | NA | NA |
| 8/25/2018 | 7.0 | 1.47 | 5.6 | 9.9 | 186.3 | 86.3 | NA | NA | NA | NA | NA | NA |
| 8/26/2018 | 7.8 | 2.23 | 5.3 | 11.6 | 194.1 | 90.1 | NA | NA | NA | NA | NA | NA |
| 8/27/2018 | 10.0 | 4.77 | 5.1 | 17.9 | 204.2 | 96.2 | NA | NA | NA | NA | NA | NA |
| 8/28/2018 | 7.6 | 1.72 | 5.6 | 10.9 | 211.7 | 99.7 | NA | NA | NA | NA | NA | NA |
| 8/29/2018 | 8.4 | 3.26 | 5.0 | 13.9 | 220.1 | 104.1 | NA | NA | NA | NA | NA | NA |
| 8/30/2018 | 9.3 | 4.20 | 5.1 | 19.4 | 229.4 | 109.4 | NA | NA | NA | NA | NA | NA |
| 8/31/2018 | 11.1 | 3.74 | 6.5 | 16.4 | 240.5 | 116.5 | NA | NA | NA | NA | NA | NA |

September

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/1/2018 | 7.2 | 0.92 | 6.0 | 8.9 | 7.2 | 3.2 | NA | NA | NA | NA | NA | NA |
| 9/2/2018 | 8.8 | 3.00 | 6.1 | 14.9 | 16.0 | 8.0 | NA | NA | NA | NA | NA | NA |
| 9/3/2018 | 9.4 | 3.26 | 6.1 | 15.4 | 25.4 | 13.4 | NA | NA | NA | NA | NA | NA |
| 9/4/2018 | 9.9 | 3.77 | 6.1 | 17.2 | 35.3 | 19.3 | NA | NA | NA | NA | NA | NA |
| 9/5/2018 | 10.5 | 4.78 | 5.4 | 18.3 | 45.8 | 25.8 | NA | NA | NA | NA | NA | NA |
| 9/6/2018 | 8.1 | 3.20 | 5.3 | 15.2 | 53.9 | 29.9 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/7/2018 | 11.0 | 4.34 | 5.4 | 18.5 | 64.9 | 36.9 | NA | NA | NA | NA | NA | NA |
| 9/8/2018 | 10.3 | 3.68 | 5.9 | 18.5 | 75.2 | 43.2 | NA | NA | NA | NA | NA | NA |
| 9/9/2018 | 13.1 | 3.35 | 8.2 | 18.5 | 88.3 | 52.3 | NA | NA | NA | NA | NA | NA |
| 9/10/2018 | 13.5 | 3.26 | 9.8 | 18.4 | 101.8 | 61.8 | NA | NA | NA | NA | NA | NA |
| 9/11/2018 | 10.9 | 5.00 | 5.8 | 18.2 | 112.7 | 68.7 | NA | NA | NA | NA | NA | NA |
| 9/12/2018 | 10.7 | 4.11 | 6.1 | 17.4 | 123.4 | 75.4 | NA | NA | NA | NA | NA | NA |
| 9/13/2018 | 10.1 | 4.32 | 5.4 | 16.3 | 133.5 | 81.5 | NA | NA | NA | NA | NA | NA |
| 9/14/2018 | 9.3 | 3.22 | 6.5 | 15.4 | 142.8 | 86.8 | NA | NA | NA | NA | NA | NA |
| 9/15/2018 | 7.6 | 0.67 | 6.8 | 8.6 | 150.3 | 90.3 | NA | NA | NA | NA | NA | NA |
| 9/16/2018 | 10.4 | 2.44 | 6.5 | 14.9 | 160.8 | 96.8 | NA | NA | NA | NA | NA | NA |
| 9/17/2018 | 9.2 | 2.58 | 6.3 | 14.3 | 170.0 | 102.0 | NA | NA | NA | NA | NA | NA |
| 9/18/2018 | 14.7 | 2.78 | 9.3 | 17.5 | 184.7 | 112.7 | NA | NA | NA | NA | NA | NA |
| 9/19/2018 | 11.0 | 3.13 | 7.3 | 17.7 | 195.6 | 119.6 | NA | NA | NA | NA | NA | NA |
| 9/20/2018 | 6.7 | 0.63 | 5.8 | 7.4 | 202.3 | 122.3 | NA | NA | NA | NA | NA | NA |
| 9/21/2018 | 5.8 | 0.35 | 5.3 | 6.5 | 208.0 | 124.0 | NA | NA | NA | NA | NA | NA |
| 9/22/2018 | 6.1 | 3.66 | 3.3 | 15.6 | 214.1 | 126.1 | NA | NA | NA | NA | NA | NA |
| 9/23/2018 | 10.3 | 2.51 | 7.1 | 15.6 | 224.4 | 132.4 | NA | NA | NA | NA | NA | NA |
| 9/24/2018 | 14.0 | 1.14 | 11.8 | 15.3 | 238.4 | 142.4 | NA | NA | NA | NA | NA | NA |
| 9/25/2018 | 14.7 | 0.66 | 12.9 | 15.1 | 253.1 | 153.1 | NA | NA | NA | NA | NA | NA |
| 9/26/2018 | 11.7 | 3.16 | 7.2 | 14.9 | 264.8 | 160.8 | NA | NA | NA | NA | NA | NA |
| 9/27/2018 | 11.4 | 1.88 | 8.1 | 13.2 | 276.2 | 168.2 | NA | NA | NA | NA | NA | NA |
| 9/28/2018 | 11.4 | 2.37 | 6.9 | 14.3 | 287.6 | 175.6 | NA | NA | NA | NA | NA | NA |
| 9/29/2018 | 10.7 | 2.91 | 6.3 | 13.9 | 298.3 | 182.3 | NA | NA | NA | NA | NA | NA |
| 9/30/2018 | 10.4 | 2.18 | 7.9 | 13.8 | 308.6 | 188.6 | NA | NA | NA | NA | NA | NA |

October

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/1/2018 | 10.3 | 2.29 | 6.8 | 13.7 | 10.3 | 6.3 | NA | NA | NA | NA | NA | NA |
| 10/2/2018 | 10.2 | 1.85 | 7.5 | 13.6 | 20.5 | 12.5 | NA | NA | NA | NA | NA | NA |
| 10/3/2018 | 9.0 | 2.80 | 5.4 | 13.6 | 29.5 | 17.5 | NA | NA | NA | NA | NA | NA |
| 10/4/2018 | 4.6 | 1.16 | 3.2 | 7.2 | 34.1 | 18.1 | NA | NA | NA | NA | NA | NA |
| 10/5/2018 | 7.8 | 2.23 | 4.0 | 11.1 | 41.9 | 21.9 | NA | NA | NA | NA | NA | NA |
| 10/6/2018 | 9.6 | 1.93 | 7.4 | 12.1 | 51.5 | 27.5 | NA | NA | NA | NA | NA | NA |
| 10/7/2018 | 9.9 | 2.73 | 5.5 | 13.4 | 61.4 | 33.4 | NA | NA | NA | NA | NA | NA |
| 10/8/2018 | 11.9 | 0.97 | 9.9 | 13.1 | 73.3 | 41.3 | NA | NA | NA | NA | NA | NA |
| 10/9/2018 | 11.2 | 1.56 | 8.4 | 12.8 | 84.6 | 48.6 | NA | NA | NA | NA | NA | NA |
| 10/10/2018 | 11.9 | 0.95 | 9.7 | 13.1 | 96.5 | 56.5 | NA | NA | NA | NA | NA | NA |
| 10/11/2018 | 11.4 | 1.42 | 8.8 | 12.8 | 107.9 | 63.9 | NA | NA | NA | NA | NA | NA |
| 10/12/2018 | 8.2 | 3.13 | 4.1 | 12.3 | 116.1 | 68.1 | NA | NA | NA | NA | NA | NA |
| 10/13/2018 | 9.6 | 2.03 | 5.5 | 12.1 | 125.7 | 73.7 | NA | NA | NA | NA | NA | NA |
| 10/14/2018 | 11.6 | 0.39 | 11.0 | 12.1 | 137.3 | 81.3 | NA | NA | NA | NA | NA | NA |
| 10/15/2018 | 11.4 | 0.42 | 10.6 | 11.9 | 148.8 | 88.8 | NA | NA | NA | NA | NA | NA |
| 10/16/2018 | 11.5 | 0.17 | 11.2 | 11.7 | 160.3 | 96.3 | NA | NA | NA | NA | NA | NA |
| 10/17/2018 | 11.2 | 0.18 | 10.7 | 11.4 | 171.5 | 103.5 | NA | NA | NA | NA | NA | NA |
| 10/18/2018 | 10.9 | 0.20 | 10.6 | 11.2 | 182.4 | 110.4 | NA | NA | NA | NA | NA | NA |
| 10/19/2018 | 10.2 | 0.57 | 8.4 | 10.6 | 192.6 | 116.6 | NA | NA | NA | NA | NA | NA |
| 10/20/2018 | 9.8 | 0.29 | 9.4 | 10.2 | 202.4 | 122.4 | NA | NA | NA | NA | NA | NA |
| 10/21/2018 | 10.0 | 0.25 | 9.6 | 10.4 | 212.4 | 128.4 | NA | NA | NA | NA | NA | NA |
| 10/22/2018 | 9.9 | 0.20 | 9.5 | 10.1 | 222.3 | 134.3 | NA | NA | NA | NA | NA | NA |
| 10/23/2018 | 9.6 | 0.23 | 9.0 | 9.8 | 231.8 | 139.8 | NA | NA | NA | NA | NA | NA |
| 10/24/2018 | 9.4 | 0.15 | 9.1 | 9.6 | 241.2 | 145.2 | NA | NA | NA | NA | NA | NA |
| 10/25/2018 | 9.2 | 0.18 | 8.8 | 9.4 | 250.4 | 150.4 | NA | NA | NA | NA | NA | NA |
| 10/26/2018 | 8.6 | 0.28 | 8.3 | 9.1 | 259.0 | 155.0 | NA | NA | NA | NA | NA | NA |
| 10/27/2018 | 8.3 | 0.13 | 8.1 | 8.4 | 267.3 | 159.3 | NA | NA | NA | NA | NA | NA |
| 10/28/2018 | 8.2 | 0.21 | 7.8 | 8.5 | 275.5 | 163.5 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/29/2018 | 8.3 | 0.32 | 8.0 | 9.1 | 283.8 | 167.8 | NA | NA | NA | NA | NA | NA |
| 10/30/2018 | 8.3 | 0.13 | 8.1 | 8.5 | 292.1 | 172.1 | NA | NA | NA | NA | NA | NA |
| 10/31/2018 | 8.3 | 0.04 | 8.3 | 8.4 | 300.4 | 176.4 | NA | NA | NA | NA | NA | NA |

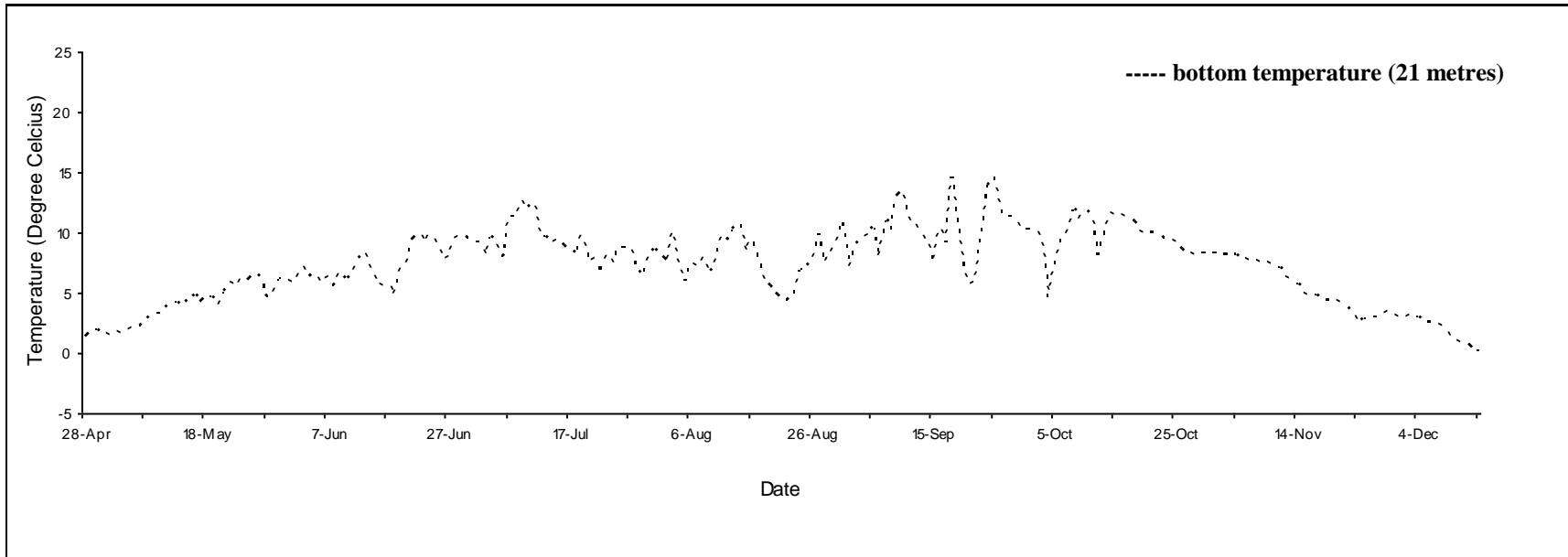
November

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 11/1/2018 | 8.3 | 0.10 | 8.2 | 8.5 | 8.3 | 4.3 | NA | NA | NA | NA | NA | NA |
| 11/2/2018 | 8.2 | 0.18 | 8.1 | 8.7 | 16.5 | 8.5 | NA | NA | NA | NA | NA | NA |
| 11/3/2018 | 8.2 | 0.20 | 8.0 | 8.6 | 24.7 | 12.7 | NA | NA | NA | NA | NA | NA |
| 11/4/2018 | 8.2 | 0.26 | 7.9 | 8.7 | 32.9 | 16.9 | NA | NA | NA | NA | NA | NA |
| 11/5/2018 | 7.8 | 0.24 | 7.6 | 8.4 | 40.7 | 20.7 | NA | NA | NA | NA | NA | NA |
| 11/6/2018 | 7.7 | 0.24 | 7.4 | 8.2 | 48.4 | 24.4 | NA | NA | NA | NA | NA | NA |
| 11/7/2018 | 7.7 | 0.39 | 7.3 | 8.6 | 56.1 | 28.1 | NA | NA | NA | NA | NA | NA |
| 11/8/2018 | 7.6 | 0.29 | 7.4 | 8.4 | 63.7 | 31.7 | NA | NA | NA | NA | NA | NA |
| 11/9/2018 | 7.5 | 0.20 | 7.3 | 7.9 | 71.2 | 35.2 | NA | NA | NA | NA | NA | NA |
| 11/10/2018 | 7.2 | 0.26 | 6.9 | 7.7 | 78.4 | 38.4 | NA | NA | NA | NA | NA | NA |
| 11/11/2018 | 7.1 | 0.43 | 6.6 | 7.9 | 85.5 | 41.5 | NA | NA | NA | NA | NA | NA |
| 11/12/2018 | 6.3 | 0.23 | 6.0 | 6.8 | 91.8 | 43.8 | NA | NA | NA | NA | NA | NA |
| 11/13/2018 | 6.1 | 0.12 | 5.9 | 6.4 | 97.9 | 45.9 | NA | NA | NA | NA | NA | NA |
| 11/14/2018 | 5.8 | 0.42 | 5.3 | 6.9 | 103.7 | 47.7 | NA | NA | NA | NA | NA | NA |
| 11/15/2018 | 5.0 | 0.10 | 4.8 | 5.1 | 108.7 | 48.7 | NA | NA | NA | NA | NA | NA |
| 11/16/2018 | 4.8 | 0.14 | 4.6 | 5.0 | 113.5 | 49.5 | NA | NA | NA | NA | NA | NA |
| 11/17/2018 | 4.8 | 0.11 | 4.6 | 5.0 | 118.3 | 50.3 | NA | NA | NA | NA | NA | NA |
| 11/18/2018 | 4.5 | 0.24 | 4.1 | 4.8 | 122.8 | 50.8 | NA | NA | NA | NA | NA | NA |
| 11/19/2018 | 4.3 | 0.18 | 4.1 | 4.8 | 127.1 | 51.1 | NA | NA | NA | NA | NA | NA |
| 11/20/2018 | 4.4 | 0.31 | 4.1 | 5.3 | 131.5 | 51.5 | NA | NA | NA | NA | NA | NA |
| 11/21/2018 | 4.2 | 0.12 | 4.0 | 4.4 | 135.8 | 51.8 | NA | NA | NA | NA | NA | NA |
| 11/22/2018 | 3.9 | 0.27 | 3.4 | 4.5 | 139.7 | 51.8 | NA | NA | NA | NA | NA | NA |
| 11/23/2018 | 3.4 | 0.47 | 2.8 | 4.6 | 143.1 | 51.8 | NA | NA | NA | NA | NA | NA |
| 11/24/2018 | 2.5 | 0.42 | 1.6 | 2.9 | 145.6 | 51.8 | NA | NA | NA | NA | NA | NA |
| 11/25/2018 | 2.9 | 0.39 | 2.5 | 4.0 | 148.6 | 51.8 | NA | NA | NA | NA | NA | NA |
| 11/26/2018 | 3.0 | 0.26 | 2.5 | 3.2 | 151.6 | 51.8 | NA | NA | NA | NA | NA | NA |
| 11/27/2018 | 3.1 | 0.10 | 2.9 | 3.2 | 154.7 | 51.8 | NA | NA | NA | NA | NA | NA |
| 11/28/2018 | 3.4 | 0.40 | 3.0 | 4.2 | 158.0 | 51.8 | NA | NA | NA | NA | NA | NA |
| 11/29/2018 | 3.5 | 0.24 | 3.3 | 4.1 | 161.6 | 51.8 | NA | NA | NA | NA | NA | NA |
| 11/30/2018 | 3.2 | 0.06 | 3.2 | 3.3 | 164.8 | 51.8 | NA | NA | NA | NA | NA | NA |

December

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 12/1/2018 | 3.1 | 0.03 | 3.0 | 3.1 | 3.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/2/2018 | 3.0 | 0.03 | 3.0 | 3.1 | 6.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/3/2018 | 3.2 | 0.23 | 2.9 | 3.5 | 9.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/4/2018 | 3.0 | 0.11 | 2.9 | 3.3 | 12.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/5/2018 | 2.7 | 0.13 | 2.6 | 3.1 | 15.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/6/2018 | 2.6 | 0.10 | 2.5 | 2.8 | 17.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/7/2018 | 2.4 | 0.13 | 2.3 | 2.8 | 20.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/8/2018 | 2.2 | 0.15 | 1.9 | 2.3 | 22.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/9/2018 | 1.6 | 0.28 | 1.1 | 2.0 | 23.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/10/2018 | 1.2 | 0.37 | 0.9 | 2.3 | 25.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/11/2018 | 1.0 | 0.34 | 0.7 | 2.0 | 26.0 | 0.0 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 12/12/2018 | 0.7 | 0.12 | 0.5 | 0.9 | 26.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/13/2018 | 0.3 | 0.21 | -0.1 | 0.5 | 27.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/14/2018 | 0.2 | 0.16 | -0.1 | 0.5 | 27.2 | 0.0 | NA | NA | NA | NA | NA | NA |



Daily mean temperature for East Point Reef, P.E.I., 2018.

Egmont Bay, P.E.I.

2018

July

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/12/2018 | 18.6 | 0.23 | 18.4 | 19.1 | 18.6 | 14.6 | NA | NA | NA | NA | NA | NA |
| 7/13/2018 | 18.7 | 0.18 | 18.5 | 19.1 | 37.3 | 29.3 | NA | NA | NA | NA | NA | NA |
| 7/14/2018 | 18.6 | 0.19 | 18.4 | 19.0 | 55.9 | 43.9 | NA | NA | NA | NA | NA | NA |
| 7/15/2018 | 18.4 | 0.20 | 18.1 | 18.8 | 74.4 | 58.4 | NA | NA | NA | NA | NA | NA |
| 7/16/2018 | 18.5 | 0.24 | 18.1 | 19.0 | 92.8 | 72.8 | NA | NA | NA | NA | NA | NA |
| 7/17/2018 | 18.7 | 0.17 | 18.5 | 19.1 | 111.5 | 87.5 | NA | NA | NA | NA | NA | NA |
| 7/18/2018 | 18.8 | 0.16 | 18.6 | 19.1 | 130.3 | 102.3 | NA | NA | NA | NA | NA | NA |
| 7/19/2018 | 19.1 | 0.22 | 18.8 | 19.4 | 149.4 | 117.4 | NA | NA | NA | NA | NA | NA |
| 7/20/2018 | 19.3 | 0.13 | 19.1 | 19.5 | 168.7 | 132.7 | NA | NA | NA | NA | NA | NA |
| 7/21/2018 | 19.5 | 0.14 | 19.3 | 19.8 | 188.3 | 148.3 | NA | NA | NA | NA | NA | NA |
| 7/22/2018 | 20.0 | 0.29 | 19.7 | 20.5 | 208.3 | 164.3 | NA | NA | NA | NA | NA | NA |
| 7/23/2018 | 20.9 | 0.31 | 20.5 | 21.3 | 229.2 | 181.2 | NA | NA | NA | NA | NA | NA |
| 7/24/2018 | 21.4 | 0.25 | 21.2 | 21.8 | 250.6 | 198.6 | NA | NA | NA | NA | NA | NA |
| 7/25/2018 | 21.8 | 0.24 | 21.6 | 22.3 | 272.4 | 216.4 | NA | NA | NA | NA | NA | NA |
| 7/26/2018 | 21.9 | 0.08 | 21.8 | 22.1 | 294.4 | 234.4 | NA | NA | NA | NA | NA | NA |
| 7/27/2018 | 22.1 | 0.33 | 21.8 | 22.6 | 316.4 | 252.4 | NA | NA | NA | NA | NA | NA |
| 7/28/2018 | 22.6 | 0.20 | 22.4 | 23.0 | 339.1 | 271.1 | NA | NA | NA | NA | NA | NA |
| 7/29/2018 | 22.8 | 0.13 | 22.7 | 23.1 | 361.9 | 289.9 | NA | NA | NA | NA | NA | NA |
| 7/30/2018 | 23.1 | 0.17 | 22.7 | 23.4 | 385.0 | 309.0 | NA | NA | NA | NA | NA | NA |
| 7/31/2018 | 23.1 | 0.17 | 22.8 | 23.4 | 408.1 | 328.1 | NA | NA | NA | NA | NA | NA |

August

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/1/2018 | 23.2 | 0.15 | 23.0 | 23.4 | 23.2 | 19.2 | NA | NA | NA | NA | NA | NA |
| 8/2/2018 | 23.0 | 0.22 | 22.8 | 23.5 | 46.2 | 38.2 | NA | NA | NA | NA | NA | NA |
| 8/3/2018 | 23.0 | 0.14 | 22.7 | 23.2 | 69.1 | 57.1 | NA | NA | NA | NA | NA | NA |
| 8/4/2018 | 23.1 | 0.15 | 22.9 | 23.4 | 92.3 | 76.3 | NA | NA | NA | NA | NA | NA |
| 8/5/2018 | 23.0 | 0.14 | 22.7 | 23.2 | 115.3 | 95.3 | NA | NA | NA | NA | NA | NA |
| 8/6/2018 | 23.0 | 0.15 | 22.9 | 23.3 | 138.3 | 114.3 | NA | NA | NA | NA | NA | NA |
| 8/7/2018 | 22.6 | 0.23 | 22.4 | 23.0 | 161.0 | 133.0 | NA | NA | NA | NA | NA | NA |
| 8/8/2018 | 22.6 | 0.29 | 22.3 | 23.2 | 183.5 | 151.5 | NA | NA | NA | NA | NA | NA |
| 8/9/2018 | 22.2 | 0.26 | 21.8 | 22.5 | 205.7 | 169.7 | NA | NA | NA | NA | NA | NA |
| 8/10/2018 | 22.0 | 0.22 | 21.8 | 22.5 | 227.7 | 187.7 | NA | NA | NA | NA | NA | NA |
| 8/11/2018 | 21.9 | 0.16 | 21.8 | 22.3 | 249.7 | 205.7 | NA | NA | NA | NA | NA | NA |
| 8/12/2018 | 22.2 | 0.38 | 21.7 | 23.0 | 271.8 | 223.8 | NA | NA | NA | NA | NA | NA |
| 8/13/2018 | 22.4 | 0.26 | 22.0 | 22.9 | 294.2 | 242.2 | NA | NA | NA | NA | NA | NA |
| 8/14/2018 | 21.7 | 0.23 | 21.5 | 22.2 | 315.9 | 259.9 | NA | NA | NA | NA | NA | NA |
| 8/15/2018 | 21.3 | 0.13 | 21.2 | 21.6 | 337.3 | 277.3 | NA | NA | NA | NA | NA | NA |
| 8/16/2018 | 21.3 | 0.21 | 21.1 | 21.8 | 358.6 | 294.6 | NA | NA | NA | NA | NA | NA |
| 8/17/2018 | 21.0 | 0.10 | 20.8 | 21.2 | 379.6 | 311.6 | NA | NA | NA | NA | NA | NA |
| 8/18/2018 | 20.7 | 0.18 | 20.4 | 21.0 | 400.3 | 328.3 | NA | NA | NA | NA | NA | NA |
| 8/19/2018 | 20.4 | 0.06 | 20.3 | 20.5 | 420.7 | 344.7 | NA | NA | NA | NA | NA | NA |
| 8/20/2018 | 20.3 | 0.13 | 20.1 | 20.5 | 441.0 | 361.0 | NA | NA | NA | NA | NA | NA |
| 8/21/2018 | 20.5 | 0.13 | 20.4 | 20.7 | 461.5 | 377.5 | NA | NA | NA | NA | NA | NA |
| 8/22/2018 | 20.6 | 0.11 | 20.5 | 20.8 | 482.2 | 394.2 | NA | NA | NA | NA | NA | NA |
| 8/23/2018 | 20.8 | 0.10 | 20.6 | 20.9 | 503.0 | 411.0 | NA | NA | NA | NA | NA | NA |
| 8/24/2018 | 20.7 | 0.09 | 20.5 | 20.8 | 523.6 | 427.6 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/25/2018 | 20.7 | 0.16 | 20.6 | 21.0 | 544.4 | 444.4 | NA | NA | NA | NA | NA | NA |
| 8/26/2018 | 20.7 | 0.08 | 20.6 | 20.9 | 565.1 | 461.1 | NA | NA | NA | NA | NA | NA |
| 8/27/2018 | 20.6 | 0.17 | 20.3 | 20.9 | 585.6 | 477.6 | NA | NA | NA | NA | NA | NA |
| 8/28/2018 | 20.9 | 0.15 | 20.7 | 21.2 | 606.5 | 494.5 | NA | NA | NA | NA | NA | NA |
| 8/29/2018 | 21.1 | 0.17 | 20.9 | 21.4 | 627.7 | 511.7 | NA | NA | NA | NA | NA | NA |
| 8/30/2018 | 21.4 | 0.11 | 21.2 | 21.5 | 649.1 | 529.1 | NA | NA | NA | NA | NA | NA |
| 8/31/2018 | 21.1 | 0.10 | 21.0 | 21.3 | 670.2 | 546.2 | NA | NA | NA | NA | NA | NA |

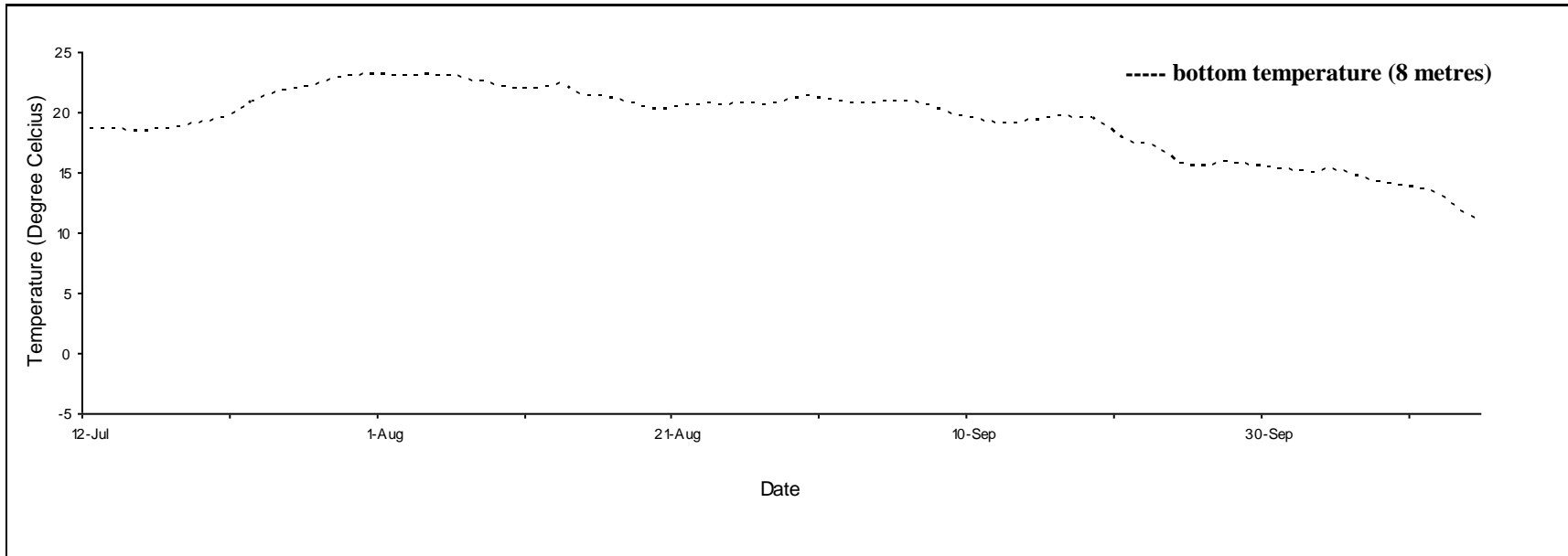
September

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/1/2018 | 20.9 | 0.15 | 20.5 | 21.1 | 20.9 | 16.9 | NA | NA | NA | NA | NA | NA |
| 9/2/2018 | 20.8 | 0.10 | 20.6 | 21.0 | 41.7 | 33.7 | NA | NA | NA | NA | NA | NA |
| 9/3/2018 | 20.8 | 0.09 | 20.6 | 20.9 | 62.5 | 50.5 | NA | NA | NA | NA | NA | NA |
| 9/4/2018 | 20.8 | 0.13 | 20.7 | 21.0 | 83.3 | 67.3 | NA | NA | NA | NA | NA | NA |
| 9/5/2018 | 20.9 | 0.09 | 20.8 | 21.1 | 104.2 | 84.2 | NA | NA | NA | NA | NA | NA |
| 9/6/2018 | 20.9 | 0.13 | 20.7 | 21.1 | 125.1 | 101.1 | NA | NA | NA | NA | NA | NA |
| 9/7/2018 | 20.6 | 0.34 | 19.8 | 20.8 | 145.6 | 117.6 | NA | NA | NA | NA | NA | NA |
| 9/8/2018 | 20.2 | 0.22 | 19.7 | 20.4 | 165.8 | 133.8 | NA | NA | NA | NA | NA | NA |
| 9/9/2018 | 19.7 | 0.14 | 19.5 | 20.1 | 185.6 | 149.6 | NA | NA | NA | NA | NA | NA |
| 9/10/2018 | 19.5 | 0.11 | 19.4 | 19.7 | 205.1 | 165.1 | NA | NA | NA | NA | NA | NA |
| 9/11/2018 | 19.3 | 0.13 | 19.0 | 19.5 | 224.4 | 180.4 | NA | NA | NA | NA | NA | NA |
| 9/12/2018 | 19.1 | 0.11 | 18.9 | 19.2 | 243.5 | 195.5 | NA | NA | NA | NA | NA | NA |
| 9/13/2018 | 19.1 | 0.14 | 19.0 | 19.4 | 262.6 | 210.6 | NA | NA | NA | NA | NA | NA |
| 9/14/2018 | 19.3 | 0.13 | 19.1 | 19.5 | 281.9 | 225.9 | NA | NA | NA | NA | NA | NA |
| 9/15/2018 | 19.6 | 0.15 | 19.3 | 19.8 | 301.5 | 241.5 | NA | NA | NA | NA | NA | NA |
| 9/16/2018 | 19.7 | 0.15 | 19.5 | 19.9 | 321.2 | 257.2 | NA | NA | NA | NA | NA | NA |
| 9/17/2018 | 19.6 | 0.12 | 19.4 | 19.7 | 340.8 | 272.8 | NA | NA | NA | NA | NA | NA |
| 9/18/2018 | 19.5 | 0.09 | 19.3 | 19.6 | 360.3 | 288.3 | NA | NA | NA | NA | NA | NA |
| 9/19/2018 | 18.9 | 0.34 | 18.0 | 19.2 | 379.2 | 303.2 | NA | NA | NA | NA | NA | NA |
| 9/20/2018 | 17.9 | 0.55 | 17.1 | 18.7 | 397.2 | 317.2 | NA | NA | NA | NA | NA | NA |
| 9/21/2018 | 17.5 | 0.10 | 17.2 | 17.6 | 414.7 | 330.7 | NA | NA | NA | NA | NA | NA |
| 9/22/2018 | 17.4 | 0.24 | 17.2 | 17.8 | 432.1 | 344.1 | NA | NA | NA | NA | NA | NA |
| 9/23/2018 | 16.6 | 0.39 | 15.5 | 17.1 | 448.7 | 356.7 | NA | NA | NA | NA | NA | NA |
| 9/24/2018 | 15.8 | 0.42 | 15.1 | 16.5 | 464.5 | 368.5 | NA | NA | NA | NA | NA | NA |
| 9/25/2018 | 15.5 | 0.20 | 15.2 | 15.7 | 480.1 | 380.1 | NA | NA | NA | NA | NA | NA |
| 9/26/2018 | 15.6 | 0.16 | 15.3 | 15.8 | 495.6 | 391.6 | NA | NA | NA | NA | NA | NA |
| 9/27/2018 | 15.9 | 0.07 | 15.8 | 16.0 | 511.6 | 403.6 | NA | NA | NA | NA | NA | NA |
| 9/28/2018 | 15.8 | 0.09 | 15.7 | 16.0 | 527.4 | 415.4 | NA | NA | NA | NA | NA | NA |
| 9/29/2018 | 15.6 | 0.08 | 15.5 | 15.8 | 543.0 | 427.0 | NA | NA | NA | NA | NA | NA |
| 9/30/2018 | 15.4 | 0.10 | 15.3 | 15.6 | 558.4 | 438.4 | NA | NA | NA | NA | NA | NA |

October

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/1/2018 | 15.3 | 0.12 | 15.1 | 15.5 | 15.3 | 11.3 | NA | NA | NA | NA | NA | NA |
| 10/2/2018 | 15.1 | 0.06 | 14.9 | 15.1 | 30.4 | 22.4 | NA | NA | NA | NA | NA | NA |
| 10/3/2018 | 15.0 | 0.11 | 14.8 | 15.2 | 45.3 | 33.3 | NA | NA | NA | NA | NA | NA |
| 10/4/2018 | 15.2 | 0.22 | 14.9 | 15.5 | 60.6 | 44.6 | NA | NA | NA | NA | NA | NA |
| 10/5/2018 | 15.1 | 0.20 | 14.8 | 15.4 | 75.7 | 55.7 | NA | NA | NA | NA | NA | NA |
| 10/6/2018 | 14.7 | 0.14 | 14.5 | 14.9 | 90.4 | 66.4 | NA | NA | NA | NA | NA | NA |
| 10/7/2018 | 14.4 | 0.24 | 14.0 | 14.8 | 104.8 | 76.8 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/8/2018 | 14.0 | 0.15 | 13.9 | 14.3 | 118.9 | 86.9 | NA | NA | NA | NA | NA | NA |
| 10/9/2018 | 13.9 | 0.14 | 13.7 | 14.1 | 132.7 | 96.7 | NA | NA | NA | NA | NA | NA |
| 10/10/2018 | 13.8 | 0.17 | 13.6 | 14.1 | 146.6 | 106.6 | NA | NA | NA | NA | NA | NA |
| 10/11/2018 | 13.4 | 0.22 | 13.0 | 13.7 | 160.0 | 116.0 | NA | NA | NA | NA | NA | NA |
| 10/12/2018 | 12.9 | 0.27 | 12.5 | 13.3 | 172.9 | 124.9 | NA | NA | NA | NA | NA | NA |
| 10/13/2018 | 11.9 | 0.50 | 11.1 | 12.5 | 184.8 | 132.8 | NA | NA | NA | NA | NA | NA |
| 10/14/2018 | 11.2 | 0.46 | 10.6 | 12.3 | 196.0 | 140.0 | NA | NA | NA | NA | NA | NA |



Daily mean temperature for Egmont Bay, P.E.I., 2018.

Escuminac, N.B.

2018

May

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 5/8/2018 | 0.8 | 0.07 | 0.7 | 0.9 | 0.8 | 0.0 | 6.7 | 0.68 | 5.4 | 7.5 | 6.7 | 2.7 |
| 5/9/2018 | 0.7 | 0.04 | 0.6 | 0.8 | 1.5 | 0.0 | 6.8 | 1.19 | 3.7 | 7.7 | 13.5 | 5.5 |
| 5/10/2018 | 0.8 | 0.10 | 0.7 | 0.9 | 2.3 | 0.0 | 4.2 | 0.97 | 2.8 | 5.5 | 17.7 | 5.7 |
| 5/11/2018 | 1.2 | 0.28 | 0.9 | 1.7 | 3.4 | 0.0 | 5.6 | 0.60 | 4.1 | 6.4 | 23.3 | 7.3 |
| 5/12/2018 | 1.1 | 0.19 | 0.8 | 1.4 | 4.6 | 0.0 | 5.8 | 0.45 | 5.1 | 6.4 | 29.1 | 9.1 |
| 5/13/2018 | 0.8 | 0.11 | 0.7 | 1.1 | 5.4 | 0.0 | 6.8 | 0.56 | 6.2 | 7.6 | 35.9 | 11.9 |
| 5/14/2018 | 0.9 | 0.12 | 0.7 | 1.0 | 6.3 | 0.0 | 6.8 | 0.68 | 5.4 | 7.6 | 42.6 | 14.6 |
| 5/15/2018 | 1.0 | 0.12 | 0.9 | 1.3 | 7.3 | 0.0 | 7.0 | 0.58 | 6.4 | 8.3 | 49.7 | 17.7 |
| 5/16/2018 | 1.4 | 0.30 | 1.0 | 1.8 | 8.8 | 0.0 | 6.6 | 0.54 | 5.9 | 7.3 | 56.3 | 20.3 |
| 5/17/2018 | 1.9 | 0.22 | 1.5 | 2.2 | 10.6 | 0.0 | 6.4 | 0.30 | 5.7 | 6.8 | 62.7 | 22.7 |
| 5/18/2018 | 2.9 | 0.47 | 2.3 | 3.8 | 13.5 | 0.0 | 6.7 | 0.42 | 6.2 | 7.7 | 69.4 | 25.4 |
| 5/19/2018 | 4.7 | 0.49 | 3.8 | 5.3 | 18.3 | 0.7 | 7.4 | 1.04 | 6.2 | 8.9 | 76.8 | 28.8 |
| 5/20/2018 | 5.1 | 0.39 | 4.2 | 5.4 | 23.3 | 1.8 | 7.7 | 0.49 | 6.3 | 8.1 | 84.6 | 32.6 |
| 5/21/2018 | 5.2 | 0.78 | 3.9 | 6.4 | 28.5 | 3.0 | 7.5 | 0.36 | 6.8 | 7.8 | 92.0 | 36.0 |
| 5/22/2018 | 6.2 | 0.26 | 5.8 | 6.5 | 34.7 | 5.2 | 7.9 | 0.60 | 7.3 | 9.4 | 99.9 | 39.9 |
| 5/23/2018 | 6.2 | 0.44 | 5.2 | 6.6 | 40.9 | 7.4 | 7.1 | 0.41 | 6.7 | 7.9 | 107.0 | 43.0 |
| 5/24/2018 | 6.7 | 0.06 | 6.6 | 6.8 | 47.6 | 10.0 | 7.4 | 0.37 | 7.1 | 8.2 | 114.4 | 46.4 |
| 5/25/2018 | 6.6 | 0.06 | 6.5 | 6.6 | 54.1 | 12.6 | 8.0 | 0.28 | 7.4 | 8.4 | 122.4 | 50.4 |
| 5/26/2018 | 6.5 | 0.13 | 6.3 | 6.7 | 60.6 | 15.1 | 8.2 | 0.08 | 8.1 | 8.4 | 130.7 | 54.7 |
| 5/27/2018 | 6.7 | 0.13 | 6.5 | 6.9 | 67.3 | 17.8 | 8.9 | 0.70 | 8.1 | 10.0 | 139.6 | 59.6 |
| 5/28/2018 | 6.5 | 0.36 | 5.8 | 6.9 | 73.8 | 20.3 | 8.2 | 0.46 | 7.4 | 8.7 | 147.7 | 63.7 |
| 5/29/2018 | 6.1 | 0.37 | 5.7 | 6.9 | 79.9 | 22.3 | 9.2 | 0.57 | 8.6 | 10.3 | 156.9 | 68.9 |
| 5/30/2018 | 6.2 | 0.25 | 5.9 | 6.6 | 86.1 | 24.6 | 10.1 | 0.72 | 9.1 | 11.1 | 167.0 | 75.0 |
| 5/31/2018 | 5.5 | 0.37 | 5.1 | 6.1 | 91.5 | 26.0 | 10.1 | 0.83 | 9.3 | 11.8 | 177.1 | 81.1 |

June

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/1/2018 | 5.5 | 0.22 | 5.3 | 6.0 | 5.5 | 1.5 | 11.6 | 0.36 | 11.1 | 12.2 | 11.6 | 7.6 |
| 6/2/2018 | 6.9 | 1.69 | 5.6 | 10.2 | 12.4 | 4.4 | 11.2 | 0.94 | 10.2 | 12.6 | 22.8 | 14.8 |
| 6/3/2018 | 9.4 | 0.43 | 9.0 | 10.2 | 21.8 | 9.8 | 10.3 | 0.44 | 9.4 | 10.8 | 33.0 | 21.0 |
| 6/4/2018 | 9.0 | 0.11 | 8.7 | 9.1 | 30.8 | 14.8 | 10.4 | 0.25 | 10.1 | 11.0 | 43.5 | 27.5 |
| 6/5/2018 | 8.5 | 0.07 | 8.4 | 8.6 | 39.3 | 19.3 | 9.7 | 0.24 | 9.3 | 10.1 | 53.2 | 33.2 |
| 6/6/2018 | 8.4 | 0.11 | 8.3 | 8.6 | 47.8 | 23.8 | 9.9 | 0.50 | 9.4 | 11.0 | 63.1 | 39.1 |
| 6/7/2018 | 6.8 | 0.47 | 6.0 | 7.5 | 54.6 | 26.6 | 10.2 | 0.44 | 9.7 | 11.1 | 73.2 | 45.2 |
| 6/8/2018 | 5.6 | 0.22 | 5.2 | 5.9 | 60.2 | 28.2 | 10.8 | 0.27 | 10.2 | 11.2 | 84.1 | 52.1 |
| 6/9/2018 | 5.0 | 0.24 | 4.7 | 5.4 | 65.2 | 29.2 | 11.2 | 0.48 | 10.7 | 11.8 | 95.2 | 59.2 |
| 6/10/2018 | 6.1 | 1.13 | 4.5 | 8.2 | 71.3 | 31.3 | 10.9 | 0.26 | 10.6 | 11.3 | 106.1 | 66.1 |
| 6/11/2018 | 8.0 | 0.71 | 6.9 | 9.7 | 79.2 | 35.2 | 10.5 | 0.40 | 10.0 | 11.3 | 116.6 | 72.6 |
| 6/12/2018 | 7.4 | 0.29 | 7.0 | 7.9 | 86.6 | 38.6 | 10.8 | 0.33 | 10.4 | 11.3 | 127.4 | 79.4 |
| 6/13/2018 | 6.8 | 0.26 | 6.6 | 7.6 | 93.4 | 41.4 | 11.3 | 0.36 | 10.9 | 11.9 | 138.7 | 86.7 |
| 6/14/2018 | 5.5 | 0.64 | 4.9 | 6.8 | 98.9 | 42.9 | 10.1 | 0.74 | 9.1 | 11.3 | 148.8 | 92.8 |
| 6/15/2018 | 8.3 | 0.37 | 7.8 | 8.8 | 107.2 | 47.2 | 10.5 | 0.76 | 9.5 | 11.4 | 159.3 | 99.3 |
| 6/16/2018 | 9.0 | 0.56 | 8.4 | 9.9 | 116.1 | 52.1 | 11.3 | 0.38 | 10.7 | 11.8 | 170.6 | 106.6 |
| 6/17/2018 | 9.7 | 0.26 | 9.4 | 10.1 | 125.9 | 57.9 | 11.5 | 0.48 | 11.0 | 12.8 | 182.1 | 114.1 |
| 6/18/2018 | 9.4 | 0.58 | 8.1 | 10.0 | 135.3 | 63.3 | 11.4 | 0.53 | 10.6 | 12.1 | 193.5 | 121.5 |
| 6/19/2018 | 8.6 | 0.83 | 7.3 | 10.1 | 143.9 | 67.9 | 11.8 | 0.09 | 11.6 | 11.9 | 205.2 | 129.2 |
| 6/20/2018 | 9.2 | 0.79 | 7.9 | 10.4 | 153.1 | 73.1 | 11.9 | 0.21 | 11.6 | 12.3 | 217.1 | 137.1 |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/21/2018 | 10.4 | 0.49 | 9.1 | 10.9 | 163.5 | 79.5 | 12.1 | 0.76 | 11.4 | 13.6 | 229.2 | 145.2 |
| 6/22/2018 | 10.2 | 0.62 | 9.0 | 11.1 | 173.7 | 85.7 | 13.4 | 0.70 | 12.6 | 14.8 | 242.6 | 154.6 |
| 6/23/2018 | 9.8 | 0.39 | 9.2 | 10.5 | 183.4 | 91.4 | 13.2 | 0.43 | 12.6 | 14.0 | 255.9 | 163.9 |
| 6/24/2018 | 8.7 | 0.69 | 7.6 | 9.9 | 192.2 | 96.2 | 12.9 | 0.75 | 11.8 | 13.9 | 268.8 | 172.8 |
| 6/25/2018 | 10.2 | 1.17 | 8.7 | 11.9 | 202.4 | 102.4 | 12.0 | 0.57 | 11.6 | 13.1 | 280.8 | 180.8 |
| 6/26/2018 | 11.6 | 0.10 | 11.4 | 11.8 | 214.0 | 110.0 | 13.1 | 0.31 | 12.6 | 13.6 | 293.9 | 189.9 |
| 6/27/2018 | 11.7 | 0.15 | 11.5 | 11.9 | 225.7 | 117.7 | 13.2 | 0.39 | 12.6 | 13.7 | 307.1 | 199.1 |
| 6/28/2018 | 10.1 | 1.31 | 8.3 | 11.6 | 235.8 | 123.8 | 13.4 | 0.16 | 13.1 | 13.7 | 320.4 | 208.4 |
| 6/29/2018 | 7.2 | 0.40 | 6.5 | 7.8 | 242.9 | 126.9 | 13.6 | 0.52 | 12.9 | 14.4 | 334.0 | 218.0 |
| 6/30/2018 | 7.2 | 0.34 | 6.8 | 8.0 | 250.1 | 130.1 | 14.5 | 1.07 | 13.3 | 16.4 | 348.5 | 228.5 |

July

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/1/2018 | 7.6 | 0.61 | 6.8 | 8.2 | 7.6 | 3.6 | 14.3 | 0.42 | 13.9 | 15.0 | 14.3 | 10.3 |
| 7/2/2018 | 8.8 | 0.33 | 8.3 | 9.3 | 16.4 | 8.4 | 14.7 | 0.30 | 14.0 | 15.0 | 29.1 | 21.1 |
| 7/3/2018 | 8.4 | 0.84 | 7.0 | 9.7 | 24.8 | 12.8 | 15.7 | 0.71 | 14.9 | 16.6 | 44.7 | 32.7 |
| 7/4/2018 | 7.7 | 0.48 | 7.2 | 9.1 | 32.5 | 16.5 | 15.7 | 0.41 | 15.1 | 16.7 | 60.4 | 44.4 |
| 7/5/2018 | 8.4 | 0.42 | 7.8 | 9.0 | 40.9 | 20.9 | 17.1 | 0.87 | 15.3 | 18.2 | 77.4 | 57.4 |
| 7/6/2018 | 8.2 | 0.62 | 7.4 | 9.3 | 49.1 | 25.1 | 16.9 | 0.51 | 15.7 | 17.5 | 94.3 | 70.3 |
| 7/7/2018 | 11.8 | 1.79 | 8.5 | 14.4 | 60.9 | 32.9 | 15.9 | 0.50 | 15.3 | 16.7 | 110.2 | 82.2 |
| 7/8/2018 | 8.9 | 0.48 | 7.9 | 9.5 | 69.8 | 37.8 | 15.9 | 0.14 | 15.7 | 16.1 | 126.1 | 94.1 |
| 7/9/2018 | 9.2 | 0.44 | 8.4 | 9.8 | 79.0 | 43.0 | 15.9 | 0.32 | 15.5 | 16.4 | 142.0 | 106.0 |
| 7/10/2018 | 8.5 | 0.31 | 8.0 | 9.0 | 87.4 | 47.4 | 16.4 | 0.23 | 16.0 | 16.7 | 158.3 | 118.3 |
| 7/11/2018 | 9.0 | 0.36 | 8.4 | 9.7 | 96.4 | 52.4 | 16.2 | 0.58 | 15.6 | 17.3 | 174.5 | 130.5 |
| 7/12/2018 | 9.5 | 0.63 | 8.5 | 10.5 | 105.9 | 57.9 | 16.7 | 0.38 | 16.4 | 17.5 | 191.2 | 143.2 |
| 7/13/2018 | 10.1 | 0.59 | 9.2 | 11.0 | 116.1 | 64.1 | 16.6 | 0.29 | 16.1 | 17.0 | 207.8 | 155.8 |
| 7/14/2018 | 10.9 | 0.57 | 10.2 | 11.8 | 127.0 | 71.0 | 16.7 | 0.28 | 16.4 | 17.3 | 224.6 | 168.6 |
| 7/15/2018 | 10.4 | 0.68 | 9.7 | 11.6 | 137.4 | 77.4 | 16.8 | 0.36 | 16.2 | 17.5 | 241.3 | 181.3 |
| 7/16/2018 | 9.9 | 0.54 | 9.1 | 10.9 | 147.3 | 83.3 | 17.6 | 0.66 | 16.8 | 19.0 | 259.0 | 195.0 |
| 7/17/2018 | 9.8 | 0.45 | 9.1 | 10.6 | 157.1 | 89.1 | 18.0 | 0.95 | 15.8 | 18.8 | 276.9 | 208.9 |
| 7/18/2018 | 9.2 | 0.39 | 8.6 | 9.9 | 166.3 | 94.3 | 18.0 | 0.17 | 17.8 | 18.3 | 295.0 | 223.0 |
| 7/19/2018 | 9.7 | 0.41 | 9.0 | 10.2 | 176.0 | 100.0 | 17.5 | 0.69 | 16.4 | 19.1 | 312.5 | 236.5 |
| 7/20/2018 | 9.2 | 0.37 | 8.7 | 9.8 | 185.2 | 105.2 | 17.9 | 0.48 | 17.1 | 18.6 | 330.4 | 250.4 |
| 7/21/2018 | 8.9 | 0.21 | 8.6 | 9.3 | 194.1 | 110.1 | 18.2 | 0.49 | 17.5 | 19.3 | 348.6 | 264.6 |
| 7/22/2018 | 9.3 | 0.35 | 8.8 | 9.8 | 203.4 | 115.4 | 18.3 | 0.81 | 16.4 | 19.1 | 366.9 | 278.9 |
| 7/23/2018 | 9.1 | 0.36 | 8.7 | 9.9 | 212.5 | 120.5 | 18.7 | 0.77 | 17.8 | 20.0 | 385.6 | 293.6 |
| 7/24/2018 | 8.8 | 0.15 | 8.6 | 9.1 | 221.4 | 125.4 | 19.0 | 0.41 | 18.2 | 19.7 | 404.5 | 308.5 |
| 7/25/2018 | 8.3 | 0.54 | 7.2 | 9.1 | 229.7 | 129.7 | 18.7 | 0.44 | 17.8 | 19.1 | 423.2 | 323.2 |
| 7/26/2018 | 6.6 | 0.22 | 6.3 | 7.0 | 236.3 | 132.3 | 18.1 | 0.18 | 17.9 | 18.5 | 441.3 | 337.3 |
| 7/27/2018 | 6.4 | 0.18 | 6.1 | 6.7 | 242.8 | 134.8 | 18.6 | 0.59 | 17.8 | 19.4 | 459.9 | 351.9 |
| 7/28/2018 | 6.7 | 0.24 | 6.3 | 7.2 | 249.5 | 137.5 | 18.3 | 0.81 | 16.5 | 19.1 | 478.2 | 366.2 |
| 7/29/2018 | 7.5 | 0.38 | 7.2 | 8.4 | 257.0 | 141.0 | 17.8 | 0.67 | 17.0 | 19.1 | 496.0 | 380.0 |
| 7/30/2018 | 8.1 | 0.34 | 7.5 | 8.5 | 265.1 | 145.1 | 18.0 | 0.62 | 17.1 | 18.9 | 514.0 | 394.0 |
| 7/31/2018 | 7.6 | 0.28 | 7.1 | 8.2 | 272.7 | 148.7 | 18.2 | 0.32 | 17.7 | 18.6 | 532.2 | 408.2 |

August

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/1/2018 | 8.0 | 0.23 | 7.6 | 8.4 | 8.0 | 4.0 | 18.6 | 0.68 | 17.9 | 20.1 | 18.6 | 14.6 |
| 8/2/2018 | 8.1 | 0.26 | 7.8 | 8.5 | 16.1 | 8.1 | 17.7 | 0.36 | 17.1 | 18.3 | 36.4 | 28.4 |
| 8/3/2018 | 8.1 | 0.17 | 7.9 | 8.4 | 24.2 | 12.2 | 18.3 | 0.67 | 17.2 | 19.2 | 54.7 | 42.7 |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/4/2018 | 7.9 | 0.16 | 7.7 | 8.2 | 32.1 | 16.1 | 18.3 | 0.61 | 16.7 | 18.8 | 73.0 | 57.0 |
| 8/5/2018 | 8.6 | 0.45 | 7.9 | 9.5 | 40.7 | 20.7 | 18.1 | 0.37 | 17.4 | 18.7 | 91.1 | 71.1 |
| 8/6/2018 | 10.1 | 0.89 | 8.8 | 11.3 | 50.8 | 26.8 | 18.0 | 0.40 | 17.3 | 18.7 | 109.1 | 85.1 |
| 8/7/2018 | 11.0 | 0.55 | 10.2 | 11.8 | 61.8 | 33.8 | 18.7 | 1.22 | 17.3 | 20.5 | 127.8 | 99.8 |
| 8/8/2018 | 11.0 | 0.44 | 10.2 | 11.6 | 72.8 | 40.8 | 20.2 | 0.40 | 19.5 | 20.8 | 148.0 | 116.0 |
| 8/9/2018 | 9.4 | 0.60 | 8.6 | 10.3 | 82.3 | 46.3 | 19.4 | 0.70 | 18.1 | 20.1 | 167.4 | 131.4 |
| 8/10/2018 | 10.2 | 0.69 | 9.2 | 11.3 | 92.5 | 52.5 | 19.5 | 0.46 | 18.7 | 20.1 | 186.9 | 146.9 |
| 8/11/2018 | 10.1 | 0.61 | 9.1 | 11.2 | 102.6 | 58.6 | 19.0 | 0.44 | 18.6 | 20.1 | 206.0 | 162.0 |
| 8/12/2018 | 9.0 | 0.40 | 8.4 | 9.6 | 111.5 | 63.5 | 19.6 | 0.54 | 19.0 | 20.6 | 225.6 | 177.6 |
| 8/13/2018 | 9.6 | 0.26 | 9.3 | 10.1 | 121.1 | 69.1 | 19.8 | 0.19 | 19.3 | 20.0 | 245.4 | 193.4 |
| 8/14/2018 | 9.5 | 0.47 | 8.8 | 10.3 | 130.6 | 74.6 | 19.6 | 0.35 | 19.0 | 20.0 | 265.0 | 209.0 |
| 8/15/2018 | 9.0 | 0.23 | 8.7 | 9.4 | 139.6 | 79.6 | 19.7 | 0.51 | 19.0 | 20.5 | 284.7 | 224.7 |
| 8/16/2018 | 9.6 | 1.25 | 8.7 | 12.7 | 149.2 | 85.2 | 18.1 | 0.95 | 17.1 | 20.0 | 302.9 | 238.9 |
| 8/17/2018 | 14.0 | 1.52 | 11.7 | 15.6 | 163.2 | 95.2 | 18.2 | 0.36 | 17.6 | 18.7 | 321.1 | 253.1 |
| 8/18/2018 | 12.6 | 0.64 | 11.7 | 14.1 | 175.8 | 103.8 | 18.5 | 0.40 | 18.1 | 19.0 | 339.6 | 267.6 |
| 8/19/2018 | 15.0 | 1.14 | 13.1 | 16.6 | 190.8 | 114.8 | 18.5 | 0.23 | 17.9 | 18.8 | 358.1 | 282.1 |
| 8/20/2018 | 16.9 | 0.47 | 16.1 | 17.5 | 207.7 | 127.7 | 18.6 | 0.53 | 18.0 | 19.4 | 376.7 | 296.7 |
| 8/21/2018 | 15.9 | 0.58 | 15.1 | 16.7 | 223.6 | 139.6 | 18.8 | 0.25 | 18.5 | 19.2 | 395.6 | 311.6 |
| 8/22/2018 | 11.8 | 1.37 | 10.4 | 14.6 | 235.4 | 147.4 | 18.5 | 0.36 | 17.9 | 19.1 | 414.0 | 326.0 |
| 8/23/2018 | 10.5 | 0.46 | 9.8 | 11.3 | 245.9 | 153.9 | 17.4 | 0.31 | 16.8 | 18.0 | 431.5 | 339.5 |
| 8/24/2018 | 10.9 | 0.53 | 10.3 | 11.9 | 256.8 | 160.8 | 18.4 | 0.23 | 18.0 | 18.6 | 449.8 | 353.8 |
| 8/25/2018 | 10.0 | 0.25 | 9.5 | 10.3 | 266.8 | 166.8 | 18.6 | 0.30 | 18.3 | 19.1 | 468.5 | 368.5 |
| 8/26/2018 | 10.2 | 0.47 | 9.5 | 10.9 | 277.0 | 173.0 | 18.9 | 0.26 | 18.4 | 19.4 | 487.4 | 383.4 |
| 8/27/2018 | 9.9 | 0.36 | 9.3 | 10.6 | 287.0 | 179.0 | 19.0 | 0.56 | 18.3 | 20.3 | 506.4 | 398.4 |
| 8/28/2018 | 10.0 | 0.23 | 9.7 | 10.3 | 297.0 | 185.0 | 19.4 | 0.23 | 19.1 | 19.8 | 525.8 | 413.8 |
| 8/29/2018 | 10.5 | 0.55 | 10.0 | 11.4 | 307.5 | 191.5 | 18.9 | 0.48 | 18.2 | 19.8 | 544.7 | 428.7 |
| 8/30/2018 | 10.7 | 0.53 | 10.0 | 11.8 | 318.2 | 198.2 | 18.2 | 0.28 | 17.8 | 18.7 | 562.9 | 442.9 |
| 8/31/2018 | 13.6 | 1.10 | 11.3 | 14.6 | 331.8 | 207.8 | 18.2 | 0.29 | 17.6 | 18.5 | 581.1 | 457.1 |

September

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/1/2018 | 12.9 | 0.54 | 12.0 | 13.7 | 12.9 | 8.9 | 17.4 | 0.44 | 16.5 | 18.0 | 17.4 | 13.4 |
| 9/2/2018 | 13.2 | 0.42 | 12.1 | 13.6 | 26.1 | 18.1 | 17.2 | 0.47 | 16.6 | 18.0 | 34.6 | 26.6 |
| 9/3/2018 | 12.1 | 0.38 | 11.4 | 12.8 | 38.2 | 26.2 | 17.6 | 0.25 | 17.3 | 17.9 | 52.2 | 40.2 |
| 9/4/2018 | 12.6 | 0.77 | 11.6 | 13.7 | 50.8 | 34.8 | 18.4 | 0.42 | 17.9 | 18.9 | 70.6 | 54.6 |
| 9/5/2018 | 12.9 | 0.77 | 11.5 | 14.1 | 63.7 | 43.7 | 18.4 | 0.25 | 18.2 | 19.0 | 89.0 | 69.0 |
| 9/6/2018 | 13.4 | 1.74 | 11.4 | 17.1 | 77.1 | 53.1 | 18.1 | 0.23 | 17.7 | 18.5 | 107.1 | 83.1 |
| 9/7/2018 | 13.8 | 2.77 | 10.4 | 17.3 | 90.8 | 62.8 | 17.7 | 0.20 | 17.5 | 18.0 | 124.9 | 96.9 |
| 9/8/2018 | 14.4 | 2.31 | 11.2 | 16.9 | 105.2 | 73.2 | 17.3 | 0.22 | 16.6 | 17.5 | 142.1 | 110.1 |
| 9/9/2018 | 16.7 | 0.23 | 16.3 | 17.0 | 121.9 | 85.9 | 16.7 | 0.19 | 16.3 | 17.0 | 158.9 | 122.9 |
| 9/10/2018 | 15.2 | 1.92 | 12.0 | 16.6 | 137.1 | 97.1 | 16.5 | 0.15 | 16.3 | 16.8 | 175.4 | 135.4 |
| 9/11/2018 | 11.4 | 1.44 | 9.8 | 15.1 | 148.5 | 104.5 | 16.3 | 0.15 | 16.1 | 16.6 | 191.7 | 147.7 |
| 9/12/2018 | 11.3 | 0.86 | 10.3 | 13.0 | 159.8 | 111.8 | 16.4 | 0.22 | 16.1 | 16.7 | 208.1 | 160.1 |
| 9/13/2018 | 11.6 | 0.45 | 11.0 | 12.4 | 171.4 | 119.4 | 16.8 | 0.51 | 16.3 | 17.8 | 224.9 | 172.9 |
| 9/14/2018 | 12.0 | 0.65 | 11.3 | 13.2 | 183.4 | 127.4 | 17.3 | 0.68 | 16.8 | 18.8 | 242.2 | 186.2 |
| 9/15/2018 | 12.9 | 0.66 | 11.7 | 13.7 | 196.3 | 136.3 | 17.6 | 0.49 | 17.0 | 18.3 | 259.8 | 199.8 |
| 9/16/2018 | 12.4 | 0.61 | 11.6 | 13.4 | 208.7 | 144.7 | 17.9 | 0.19 | 17.6 | 18.2 | 277.8 | 213.8 |
| 9/17/2018 | 12.4 | 0.31 | 12.0 | 12.9 | 221.2 | 153.2 | 17.9 | 0.31 | 17.4 | 18.3 | 295.6 | 227.6 |
| 9/18/2018 | 14.4 | 2.47 | 11.3 | 17.2 | 235.6 | 163.6 | 17.3 | 0.40 | 16.6 | 17.8 | 312.9 | 240.9 |
| 9/19/2018 | 16.5 | 0.15 | 16.2 | 16.7 | 252.1 | 176.1 | 16.5 | 0.15 | 16.2 | 16.6 | 329.4 | 253.4 |
| 9/20/2018 | 15.9 | 0.15 | 15.6 | 16.1 | 268.0 | 188.0 | 16.1 | 0.08 | 15.9 | 16.2 | 345.4 | 265.4 |
| 9/21/2018 | 15.8 | 0.08 | 15.6 | 15.9 | 283.8 | 199.8 | 15.9 | 0.10 | 15.7 | 16.0 | 361.3 | 277.3 |
| 9/22/2018 | 14.7 | 0.80 | 13.4 | 15.8 | 298.4 | 210.4 | 15.3 | 0.33 | 14.9 | 15.9 | 376.6 | 288.6 |
| 9/23/2018 | 14.7 | 0.31 | 14.2 | 15.2 | 313.1 | 221.1 | 14.9 | 0.33 | 14.3 | 15.3 | 391.5 | 299.5 |
| 9/24/2018 | 14.1 | 0.09 | 14.0 | 14.3 | 327.2 | 231.2 | 14.2 | 0.22 | 13.9 | 14.6 | 405.7 | 309.7 |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/25/2018 | 13.8 | 0.19 | 13.4 | 14.0 | 341.0 | 241.0 | 13.9 | 0.13 | 13.7 | 14.1 | 419.6 | 319.6 |
| 9/26/2018 | 12.1 | 0.85 | 11.1 | 13.6 | 353.1 | 249.1 | 13.5 | 0.25 | 13.0 | 13.8 | 433.2 | 329.2 |
| 9/27/2018 | 12.1 | 1.15 | 10.5 | 13.7 | 365.2 | 257.2 | 13.7 | 0.11 | 13.5 | 13.9 | 446.9 | 338.9 |
| 9/28/2018 | 11.3 | 0.32 | 10.9 | 12.2 | 376.5 | 264.5 | 13.5 | 0.08 | 13.4 | 13.6 | 460.3 | 348.3 |
| 9/29/2018 | 12.9 | 0.42 | 12.0 | 13.3 | 389.4 | 273.4 | 13.4 | 0.15 | 13.2 | 13.7 | 473.7 | 357.7 |
| 9/30/2018 | 13.2 | 0.05 | 13.2 | 13.3 | 402.6 | 282.6 | 13.3 | 0.05 | 13.2 | 13.4 | 487.0 | 367.0 |

October

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/1/2018 | 13.2 | 0.05 | 13.1 | 13.3 | 13.2 | 9.2 | 13.2 | 0.11 | 13.1 | 13.4 | 13.2 | 9.2 |
| 10/2/2018 | 13.0 | 0.24 | 12.4 | 13.2 | 26.1 | 18.1 | 13.1 | 0.08 | 13.0 | 13.2 | 26.4 | 18.4 |
| 10/3/2018 | 11.4 | 0.46 | 10.7 | 12.0 | 37.5 | 25.5 | 12.8 | 0.14 | 12.6 | 13.1 | 39.2 | 27.2 |
| 10/4/2018 | 12.5 | 0.35 | 11.7 | 12.8 | 50.0 | 34.0 | 13.0 | 0.07 | 12.9 | 13.1 | 52.2 | 36.2 |
| 10/5/2018 | 12.8 | 0.05 | 12.7 | 12.9 | 62.8 | 42.8 | 12.8 | 0.09 | 12.6 | 12.9 | 65.0 | 45.0 |
| 10/6/2018 | 12.6 | 0.12 | 12.4 | 12.9 | 75.4 | 51.4 | 12.5 | 0.10 | 12.4 | 12.7 | 77.5 | 53.5 |
| 10/7/2018 | 12.6 | 0.05 | 12.5 | 12.6 | 88.0 | 60.0 | 12.4 | 0.11 | 12.2 | 12.5 | 89.9 | 61.9 |
| 10/8/2018 | 12.3 | 0.11 | 12.2 | 12.5 | 100.3 | 68.3 | 12.2 | 0.11 | 11.9 | 12.4 | 102.1 | 70.1 |
| 10/9/2018 | 12.4 | 0.06 | 12.2 | 12.4 | 112.7 | 76.7 | 12.0 | 0.11 | 11.9 | 12.2 | 114.1 | 78.1 |
| 10/10/2018 | 12.2 | 0.07 | 12.1 | 12.4 | 124.9 | 84.9 | 12.1 | 0.08 | 11.9 | 12.1 | 126.2 | 86.2 |
| 10/11/2018 | 12.0 | 0.16 | 11.8 | 12.2 | 136.9 | 92.9 | 11.8 | 0.10 | 11.7 | 12.0 | 138.0 | 94.0 |
| 10/12/2018 | 11.7 | 0.08 | 11.6 | 11.8 | 148.6 | 100.6 | 11.7 | 0.09 | 11.6 | 11.8 | 149.7 | 101.7 |
| 10/13/2018 | 11.5 | 0.20 | 11.2 | 11.8 | 160.1 | 108.1 | 11.5 | 0.23 | 11.2 | 11.8 | 161.2 | 109.2 |
| 10/14/2018 | 10.9 | 0.15 | 10.7 | 11.2 | 171.0 | 115.0 | 10.8 | 0.26 | 10.3 | 11.1 | 172.0 | 116.0 |
| 10/15/2018 | 10.8 | 0.17 | 10.5 | 11.1 | 181.9 | 121.9 | 10.3 | 0.36 | 9.8 | 10.9 | 182.3 | 122.3 |
| 10/16/2018 | 10.7 | 0.23 | 10.4 | 11.1 | 192.6 | 128.6 | 10.4 | 0.31 | 9.7 | 10.8 | 192.8 | 128.8 |
| 10/17/2018 | 10.3 | 0.25 | 9.8 | 10.5 | 202.9 | 134.9 | 9.8 | 0.26 | 9.5 | 10.3 | 202.6 | 134.6 |
| 10/18/2018 | 9.8 | 0.30 | 9.4 | 10.2 | 212.7 | 140.7 | 9.8 | 0.27 | 9.4 | 10.1 | 212.4 | 140.4 |
| 10/19/2018 | 9.1 | 0.12 | 9.0 | 9.4 | 221.9 | 145.9 | 9.0 | 0.51 | 7.5 | 9.4 | 221.4 | 145.4 |
| 10/20/2018 | 9.3 | 0.06 | 9.2 | 9.4 | 231.1 | 151.1 | 8.3 | 0.33 | 7.4 | 8.6 | 229.7 | 149.7 |
| 10/21/2018 | 9.1 | 0.09 | 8.9 | 9.2 | 240.2 | 156.2 | 8.5 | 0.28 | 8.0 | 8.9 | 238.2 | 154.2 |
| 10/22/2018 | 8.6 | 0.17 | 8.4 | 8.9 | 248.8 | 160.8 | 8.5 | 0.11 | 8.2 | 8.6 | 246.7 | 158.7 |
| 10/23/2018 | 8.2 | 0.11 | 8.0 | 8.4 | 257.1 | 165.1 | 7.8 | 0.37 | 7.2 | 8.2 | 254.4 | 162.4 |
| 10/24/2018 | 8.1 | 0.32 | 7.6 | 8.5 | 265.2 | 169.2 | 7.8 | 0.18 | 7.4 | 8.0 | 262.3 | 166.3 |
| 10/25/2018 | 7.4 | 0.24 | 7.0 | 7.7 | 272.6 | 172.6 | 7.4 | 0.27 | 7.0 | 7.7 | 269.7 | 169.7 |
| 10/26/2018 | 7.3 | 0.16 | 7.1 | 7.6 | 279.9 | 175.9 | 7.3 | 0.19 | 7.0 | 7.6 | 277.0 | 173.0 |
| 10/27/2018 | 6.8 | 0.10 | 6.6 | 7.0 | 286.7 | 178.7 | 6.1 | 0.48 | 5.5 | 7.0 | 283.1 | 175.1 |
| 10/28/2018 | 6.5 | 0.13 | 6.3 | 6.8 | 293.2 | 181.2 | 6.3 | 0.31 | 5.5 | 6.6 | 289.4 | 177.4 |
| 10/29/2018 | 6.4 | 0.13 | 6.2 | 6.7 | 299.6 | 183.6 | 6.0 | 0.22 | 5.6 | 6.3 | 295.4 | 179.4 |
| 10/30/2018 | 6.7 | 0.14 | 6.5 | 6.9 | 306.4 | 186.4 | 6.2 | 0.22 | 5.9 | 6.6 | 301.7 | 181.7 |
| 10/31/2018 | 6.6 | 0.14 | 6.4 | 6.9 | 312.9 | 188.9 | 6.0 | 0.19 | 5.8 | 6.6 | 307.7 | 183.7 |

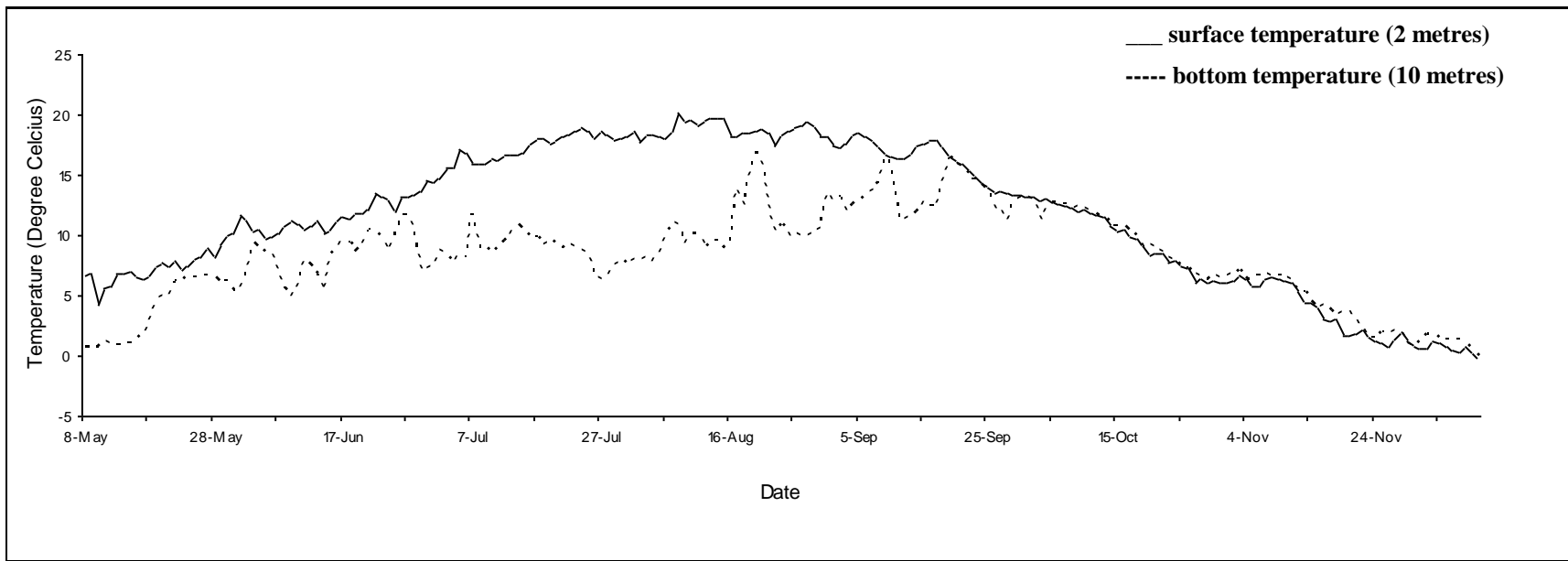
November

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 11/1/2018 | 6.7 | 0.04 | 6.7 | 6.8 | 6.7 | 2.7 | 6.1 | 0.30 | 5.7 | 6.5 | 6.1 | 2.1 |
| 11/2/2018 | 6.8 | 0.06 | 6.7 | 6.9 | 13.5 | 5.5 | 6.3 | 0.13 | 6.0 | 6.4 | 12.3 | 4.3 |
| 11/3/2018 | 7.1 | 0.14 | 6.9 | 7.2 | 20.6 | 8.6 | 6.6 | 0.16 | 6.4 | 6.9 | 19.0 | 7.0 |
| 11/4/2018 | 6.4 | 0.05 | 6.4 | 6.5 | 27.0 | 11.0 | 6.4 | 0.09 | 6.3 | 6.6 | 25.4 | 9.4 |
| 11/5/2018 | 6.5 | 0.08 | 6.4 | 6.7 | 33.6 | 13.6 | 5.8 | 0.36 | 5.2 | 6.4 | 31.2 | 11.2 |
| 11/6/2018 | 6.7 | 0.10 | 6.5 | 6.8 | 40.3 | 16.3 | 5.8 | 0.28 | 5.2 | 6.2 | 37.0 | 13.0 |
| 11/7/2018 | 6.8 | 0.03 | 6.7 | 6.8 | 47.1 | 19.1 | 6.3 | 0.14 | 6.1 | 6.5 | 43.3 | 15.3 |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 11/8/2018 | 6.7 | 0.05 | 6.6 | 6.8 | 53.8 | 21.8 | 6.4 | 0.13 | 6.3 | 6.6 | 49.7 | 17.7 |
| 11/9/2018 | 6.7 | 0.13 | 6.5 | 6.9 | 60.5 | 24.5 | 6.3 | 0.11 | 6.1 | 6.5 | 56.0 | 20.0 |
| 11/10/2018 | 6.8 | 0.12 | 6.5 | 6.9 | 67.3 | 27.3 | 6.2 | 0.19 | 5.9 | 6.5 | 62.3 | 22.3 |
| 11/11/2018 | 6.1 | 0.24 | 5.8 | 6.5 | 73.3 | 29.3 | 6.0 | 0.23 | 5.8 | 6.4 | 68.3 | 24.3 |
| 11/12/2018 | 5.5 | 0.06 | 5.4 | 5.6 | 78.8 | 30.8 | 5.3 | 0.15 | 5.1 | 5.6 | 73.7 | 25.7 |
| 11/13/2018 | 5.3 | 0.04 | 5.3 | 5.4 | 84.1 | 32.1 | 4.5 | 0.54 | 3.7 | 5.4 | 78.1 | 26.1 |
| 11/14/2018 | 4.6 | 0.54 | 4.0 | 5.3 | 88.7 | 32.7 | 4.4 | 0.36 | 4.0 | 4.9 | 82.6 | 26.6 |
| 11/15/2018 | 3.9 | 0.10 | 3.8 | 4.1 | 92.6 | 32.7 | 3.9 | 0.08 | 3.8 | 4.1 | 86.5 | 26.6 |
| 11/16/2018 | 4.3 | 0.03 | 4.2 | 4.3 | 96.9 | 32.9 | 3.1 | 0.66 | 2.0 | 3.9 | 89.5 | 26.6 |
| 11/17/2018 | 3.7 | 0.47 | 2.9 | 4.2 | 100.6 | 32.9 | 2.9 | 0.46 | 2.0 | 3.3 | 92.4 | 26.6 |
| 11/18/2018 | 3.3 | 0.19 | 3.0 | 3.7 | 103.9 | 32.9 | 3.0 | 0.34 | 2.3 | 3.3 | 95.3 | 26.6 |
| 11/19/2018 | 3.6 | 0.25 | 3.2 | 3.9 | 107.5 | 32.9 | 1.7 | 0.52 | 0.7 | 2.4 | 97.1 | 26.6 |
| 11/20/2018 | 3.7 | 0.09 | 3.5 | 3.8 | 111.2 | 32.9 | 1.6 | 0.48 | 0.7 | 2.4 | 98.7 | 26.6 |
| 11/21/2018 | 3.0 | 0.27 | 2.6 | 3.5 | 114.2 | 32.9 | 1.8 | 0.60 | 1.1 | 2.7 | 100.5 | 26.6 |
| 11/22/2018 | 2.3 | 0.36 | 1.9 | 3.0 | 116.6 | 32.9 | 2.1 | 0.27 | 1.7 | 2.5 | 102.6 | 26.6 |
| 11/23/2018 | 1.6 | 0.16 | 1.2 | 1.8 | 118.1 | 32.9 | 1.6 | 0.16 | 1.2 | 1.9 | 104.2 | 26.6 |
| 11/24/2018 | 1.5 | 0.22 | 1.2 | 1.9 | 119.6 | 32.9 | 1.2 | 0.42 | 0.3 | 1.7 | 105.4 | 26.6 |
| 11/25/2018 | 2.0 | 0.25 | 1.6 | 2.3 | 121.6 | 32.9 | 1.1 | 0.41 | 0.5 | 1.7 | 106.5 | 26.6 |
| 11/26/2018 | 2.0 | 0.11 | 1.9 | 2.2 | 123.6 | 32.9 | 0.8 | 0.24 | 0.5 | 1.5 | 107.3 | 26.6 |
| 11/27/2018 | 2.1 | 0.14 | 1.7 | 2.2 | 125.7 | 32.9 | 1.3 | 0.31 | 0.9 | 1.7 | 108.6 | 26.6 |
| 11/28/2018 | 1.9 | 0.12 | 1.6 | 2.0 | 127.6 | 32.9 | 1.9 | 0.14 | 1.6 | 2.1 | 110.6 | 26.6 |
| 11/29/2018 | 1.1 | 0.21 | 0.9 | 1.5 | 128.7 | 32.9 | 1.1 | 0.21 | 0.9 | 1.5 | 111.7 | 26.6 |
| 11/30/2018 | 0.8 | 0.13 | 0.6 | 1.0 | 129.5 | 32.9 | 0.7 | 0.12 | 0.6 | 0.9 | 112.4 | 26.6 |

December

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 12/1/2018 | 1.2 | 0.10 | 1.1 | 1.4 | 1.2 | 0.0 | 0.6 | 0.13 | 0.4 | 0.8 | 0.6 | 0.0 |
| 12/2/2018 | 1.9 | 0.10 | 1.7 | 2.0 | 3.1 | 0.0 | 0.6 | 0.22 | 0.2 | 1.0 | 1.2 | 0.0 |
| 12/3/2018 | 2.0 | 0.03 | 2.0 | 2.1 | 5.1 | 0.0 | 1.2 | 0.18 | 0.8 | 1.4 | 2.4 | 0.0 |
| 12/4/2018 | 1.4 | 0.29 | 1.1 | 2.0 | 6.5 | 0.0 | 1.1 | 0.17 | 0.8 | 1.4 | 3.5 | 0.0 |
| 12/5/2018 | 1.4 | 0.05 | 1.4 | 1.5 | 7.9 | 0.0 | 0.7 | 0.40 | -0.1 | 1.3 | 4.1 | 0.0 |
| 12/6/2018 | 1.4 | 0.06 | 1.3 | 1.5 | 9.4 | 0.0 | 0.4 | 0.28 | -0.2 | 0.8 | 4.6 | 0.0 |
| 12/7/2018 | 1.4 | 0.10 | 1.3 | 1.6 | 10.8 | 0.0 | 0.3 | 0.37 | -0.3 | 1.1 | 4.9 | 0.0 |
| 12/8/2018 | 1.0 | 0.08 | 0.9 | 1.1 | 11.8 | 0.0 | 0.7 | 0.40 | 0.0 | 1.1 | 5.6 | 0.0 |
| 12/9/2018 | 0.5 | 0.15 | 0.2 | 0.7 | 12.3 | 0.0 | 0.1 | 0.21 | -0.3 | 0.3 | 5.7 | 0.0 |
| 12/10/2018 | 0.1 | 0.18 | -0.3 | 0.3 | 12.3 | 0.0 | -0.2 | 0.31 | -0.8 | 0.1 | 5.7 | 0.0 |



Daily mean temperature for Escuminac, N.B., 2018.

Fortune 1, P.E.I.

2018

July

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/4/2018 | 12.1 | 0.39 | 11.4 | 13.0 | 12.1 | 8.1 | NA | NA | NA | NA | NA | NA |
| 7/5/2018 | 13.5 | 1.30 | 11.7 | 15.5 | 25.6 | 17.6 | NA | NA | NA | NA | NA | NA |
| 7/6/2018 | 13.7 | 1.06 | 12.1 | 15.2 | 39.3 | 27.3 | NA | NA | NA | NA | NA | NA |
| 7/7/2018 | 11.8 | 0.70 | 10.6 | 12.6 | 51.1 | 35.1 | NA | NA | NA | NA | NA | NA |
| 7/8/2018 | 12.0 | 1.29 | 10.7 | 14.2 | 63.1 | 43.1 | NA | NA | NA | NA | NA | NA |
| 7/9/2018 | 15.2 | 0.38 | 14.6 | 15.7 | 78.3 | 54.3 | NA | NA | NA | NA | NA | NA |
| 7/10/2018 | 14.8 | 0.44 | 14.2 | 15.7 | 93.1 | 65.1 | NA | NA | NA | NA | NA | NA |
| 7/11/2018 | 15.0 | 0.39 | 14.6 | 16.1 | 108.2 | 76.2 | NA | NA | NA | NA | NA | NA |
| 7/12/2018 | 16.0 | 0.38 | 15.3 | 16.6 | 124.2 | 88.2 | NA | NA | NA | NA | NA | NA |
| 7/13/2018 | 16.4 | 0.16 | 16.0 | 16.6 | 140.6 | 100.6 | NA | NA | NA | NA | NA | NA |
| 7/14/2018 | 16.6 | 0.42 | 16.0 | 17.2 | 157.2 | 113.2 | NA | NA | NA | NA | NA | NA |
| 7/15/2018 | 16.9 | 0.45 | 16.0 | 17.6 | 174.1 | 126.1 | NA | NA | NA | NA | NA | NA |
| 7/16/2018 | 16.1 | 0.37 | 15.7 | 16.8 | 190.2 | 138.2 | NA | NA | NA | NA | NA | NA |
| 7/17/2018 | 15.7 | 0.25 | 15.4 | 16.2 | 206.0 | 150.0 | NA | NA | NA | NA | NA | NA |
| 7/18/2018 | 15.1 | 0.81 | 14.0 | 16.4 | 221.0 | 161.0 | NA | NA | NA | NA | NA | NA |
| 7/19/2018 | 15.1 | 0.71 | 14.1 | 16.1 | 236.1 | 172.1 | NA | NA | NA | NA | NA | NA |
| 7/20/2018 | 15.9 | 0.46 | 15.1 | 16.4 | 252.0 | 184.0 | NA | NA | NA | NA | NA | NA |
| 7/21/2018 | 16.5 | 0.87 | 15.2 | 17.9 | 268.5 | 196.5 | NA | NA | NA | NA | NA | NA |
| 7/22/2018 | 16.5 | 0.99 | 15.3 | 18.2 | 285.0 | 209.0 | NA | NA | NA | NA | NA | NA |
| 7/23/2018 | 15.4 | 0.52 | 14.1 | 16.1 | 300.3 | 220.3 | NA | NA | NA | NA | NA | NA |
| 7/24/2018 | 14.8 | 1.31 | 12.8 | 17.8 | 315.1 | 231.1 | NA | NA | NA | NA | NA | NA |
| 7/25/2018 | 15.0 | 0.89 | 13.8 | 16.8 | 330.1 | 242.1 | NA | NA | NA | NA | NA | NA |
| 7/26/2018 | 15.9 | 1.16 | 13.8 | 17.8 | 346.0 | 254.0 | NA | NA | NA | NA | NA | NA |
| 7/27/2018 | 14.8 | 1.55 | 12.5 | 17.1 | 360.8 | 264.8 | NA | NA | NA | NA | NA | NA |
| 7/28/2018 | 15.6 | 1.64 | 12.8 | 17.9 | 376.4 | 276.4 | NA | NA | NA | NA | NA | NA |
| 7/29/2018 | 17.1 | 1.74 | 14.2 | 19.3 | 393.6 | 289.6 | NA | NA | NA | NA | NA | NA |
| 7/30/2018 | 16.8 | 2.17 | 13.5 | 19.5 | 410.4 | 302.4 | NA | NA | NA | NA | NA | NA |
| 7/31/2018 | 16.7 | 1.24 | 15.4 | 20.2 | 427.0 | 315.0 | NA | NA | NA | NA | NA | NA |

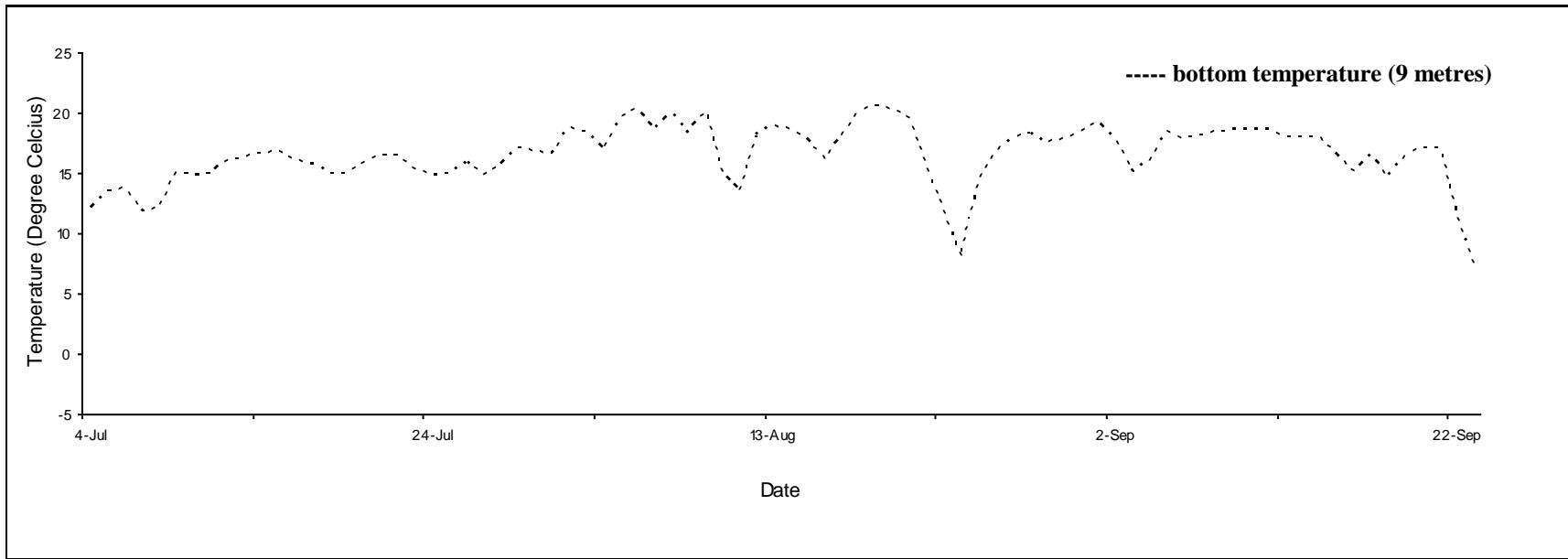
August

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/1/2018 | 18.7 | 1.38 | 16.6 | 21.7 | 18.7 | 14.7 | NA | NA | NA | NA | NA | NA |
| 8/2/2018 | 18.4 | 1.34 | 15.8 | 20.2 | 37.2 | 29.2 | NA | NA | NA | NA | NA | NA |
| 8/3/2018 | 17.0 | 1.76 | 14.3 | 19.8 | 54.1 | 42.1 | NA | NA | NA | NA | NA | NA |
| 8/4/2018 | 19.6 | 1.12 | 17.5 | 21.0 | 73.7 | 57.7 | NA | NA | NA | NA | NA | NA |
| 8/5/2018 | 20.4 | 1.51 | 16.5 | 21.6 | 94.1 | 74.1 | NA | NA | NA | NA | NA | NA |
| 8/6/2018 | 18.7 | 1.34 | 16.5 | 20.7 | 112.8 | 88.8 | NA | NA | NA | NA | NA | NA |
| 8/7/2018 | 20.0 | 0.92 | 18.6 | 21.5 | 132.8 | 104.8 | NA | NA | NA | NA | NA | NA |
| 8/8/2018 | 18.4 | 1.59 | 15.7 | 20.3 | 151.1 | 119.1 | NA | NA | NA | NA | NA | NA |
| 8/9/2018 | 20.1 | 2.26 | 14.5 | 22.3 | 171.3 | 135.3 | NA | NA | NA | NA | NA | NA |
| 8/10/2018 | 14.9 | 2.03 | 11.5 | 17.7 | 186.2 | 146.2 | NA | NA | NA | NA | NA | NA |
| 8/11/2018 | 13.4 | 2.97 | 9.1 | 17.0 | 199.6 | 155.6 | NA | NA | NA | NA | NA | NA |
| 8/12/2018 | 18.1 | 2.12 | 14.4 | 20.6 | 217.7 | 169.7 | NA | NA | NA | NA | NA | NA |
| 8/13/2018 | 19.0 | 1.49 | 16.1 | 21.2 | 236.7 | 184.7 | NA | NA | NA | NA | NA | NA |
| 8/14/2018 | 18.7 | 1.32 | 15.8 | 20.3 | 255.4 | 199.4 | NA | NA | NA | NA | NA | NA |
| 8/15/2018 | 17.7 | 0.87 | 16.4 | 20.1 | 273.1 | 213.1 | NA | NA | NA | NA | NA | NA |
| 8/16/2018 | 16.2 | 0.96 | 14.6 | 18.4 | 289.3 | 225.3 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/17/2018 | 18.1 | 1.73 | 15.4 | 20.9 | 307.4 | 239.4 | NA | NA | NA | NA | NA | NA |
| 8/18/2018 | 20.2 | 0.58 | 19.2 | 20.8 | 327.6 | 255.6 | NA | NA | NA | NA | NA | NA |
| 8/19/2018 | 20.6 | 0.09 | 20.4 | 20.7 | 348.2 | 272.2 | NA | NA | NA | NA | NA | NA |
| 8/20/2018 | 20.4 | 0.17 | 20.1 | 20.6 | 368.5 | 288.5 | NA | NA | NA | NA | NA | NA |
| 8/21/2018 | 19.5 | 1.43 | 16.2 | 20.4 | 388.0 | 304.0 | NA | NA | NA | NA | NA | NA |
| 8/22/2018 | 15.2 | 4.12 | 9.0 | 21.0 | 403.2 | 315.2 | NA | NA | NA | NA | NA | NA |
| 8/23/2018 | 11.6 | 4.61 | 7.0 | 20.9 | 414.9 | 322.9 | NA | NA | NA | NA | NA | NA |
| 8/24/2018 | 8.0 | 1.56 | 6.3 | 10.2 | 422.9 | 326.9 | NA | NA | NA | NA | NA | NA |
| 8/25/2018 | 14.5 | 2.89 | 10.5 | 18.4 | 437.3 | 337.3 | NA | NA | NA | NA | NA | NA |
| 8/26/2018 | 16.8 | 1.72 | 13.8 | 18.8 | 454.1 | 350.1 | NA | NA | NA | NA | NA | NA |
| 8/27/2018 | 17.8 | 1.50 | 15.1 | 19.6 | 471.9 | 363.9 | NA | NA | NA | NA | NA | NA |
| 8/28/2018 | 18.3 | 0.98 | 16.8 | 19.8 | 490.2 | 378.2 | NA | NA | NA | NA | NA | NA |
| 8/29/2018 | 17.6 | 1.44 | 14.2 | 19.0 | 507.8 | 391.8 | NA | NA | NA | NA | NA | NA |
| 8/30/2018 | 17.8 | 1.15 | 16.3 | 19.4 | 525.7 | 405.7 | NA | NA | NA | NA | NA | NA |
| 8/31/2018 | 18.4 | 0.60 | 17.0 | 19.2 | 544.1 | 420.1 | NA | NA | NA | NA | NA | NA |

September

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/1/2018 | 19.3 | 0.24 | 19.0 | 19.6 | 19.3 | 15.3 | NA | NA | NA | NA | NA | NA |
| 9/2/2018 | 17.8 | 1.48 | 15.7 | 19.4 | 37.0 | 29.0 | NA | NA | NA | NA | NA | NA |
| 9/3/2018 | 15.1 | 1.70 | 12.5 | 17.9 | 52.1 | 40.1 | NA | NA | NA | NA | NA | NA |
| 9/4/2018 | 15.9 | 1.27 | 13.6 | 17.5 | 68.0 | 52.0 | NA | NA | NA | NA | NA | NA |
| 9/5/2018 | 18.5 | 1.38 | 14.6 | 19.6 | 86.5 | 66.5 | NA | NA | NA | NA | NA | NA |
| 9/6/2018 | 17.9 | 1.25 | 15.4 | 19.3 | 104.4 | 80.4 | NA | NA | NA | NA | NA | NA |
| 9/7/2018 | 18.2 | 0.99 | 15.2 | 19.0 | 122.6 | 94.6 | NA | NA | NA | NA | NA | NA |
| 9/8/2018 | 18.5 | 0.53 | 17.2 | 18.9 | 141.1 | 109.1 | NA | NA | NA | NA | NA | NA |
| 9/9/2018 | 18.7 | 0.10 | 18.4 | 18.8 | 159.7 | 123.7 | NA | NA | NA | NA | NA | NA |
| 9/10/2018 | 18.6 | 0.32 | 18.0 | 19.3 | 178.3 | 138.3 | NA | NA | NA | NA | NA | NA |
| 9/11/2018 | 18.6 | 0.37 | 18.2 | 19.3 | 197.0 | 153.0 | NA | NA | NA | NA | NA | NA |
| 9/12/2018 | 18.0 | 0.30 | 17.4 | 18.3 | 215.0 | 167.0 | NA | NA | NA | NA | NA | NA |
| 9/13/2018 | 18.1 | 0.13 | 17.9 | 18.4 | 233.1 | 181.1 | NA | NA | NA | NA | NA | NA |
| 9/14/2018 | 18.0 | 0.35 | 16.9 | 18.2 | 251.1 | 195.1 | NA | NA | NA | NA | NA | NA |
| 9/15/2018 | 16.6 | 0.67 | 15.0 | 17.5 | 267.6 | 207.6 | NA | NA | NA | NA | NA | NA |
| 9/16/2018 | 15.1 | 0.49 | 14.4 | 16.0 | 282.8 | 218.8 | NA | NA | NA | NA | NA | NA |
| 9/17/2018 | 16.5 | 0.98 | 14.4 | 17.7 | 299.2 | 231.2 | NA | NA | NA | NA | NA | NA |
| 9/18/2018 | 14.7 | 0.66 | 13.5 | 15.6 | 314.0 | 242.0 | NA | NA | NA | NA | NA | NA |
| 9/19/2018 | 16.5 | 0.42 | 15.9 | 17.1 | 330.5 | 254.5 | NA | NA | NA | NA | NA | NA |
| 9/20/2018 | 17.2 | 0.10 | 17.0 | 17.4 | 347.6 | 267.6 | NA | NA | NA | NA | NA | NA |
| 9/21/2018 | 17.1 | 0.14 | 16.7 | 17.3 | 364.7 | 280.7 | NA | NA | NA | NA | NA | NA |
| 9/22/2018 | 11.4 | 3.68 | 6.1 | 16.8 | 376.2 | 288.2 | NA | NA | NA | NA | NA | NA |
| 9/23/2018 | 7.5 | 2.36 | 5.8 | 13.5 | 383.7 | 291.7 | NA | NA | NA | NA | NA | NA |



Daily mean temperature for Fortune 1, P.E.I., 2018.

Fortune 2, P.E.I.

2018

July

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/4/2018 | 9.6 | 0.73 | 8.6 | 10.6 | 9.6 | 5.6 | NA | NA | NA | NA | NA | NA |
| 7/5/2018 | 11.1 | 0.75 | 9.7 | 11.9 | 20.7 | 12.7 | NA | NA | NA | NA | NA | NA |
| 7/6/2018 | 10.7 | 0.95 | 9.6 | 12.2 | 31.4 | 19.4 | NA | NA | NA | NA | NA | NA |
| 7/7/2018 | 8.6 | 0.97 | 7.4 | 10.0 | 40.0 | 24.0 | NA | NA | NA | NA | NA | NA |
| 7/8/2018 | 10.8 | 2.04 | 8.1 | 13.8 | 50.8 | 30.8 | NA | NA | NA | NA | NA | NA |
| 7/9/2018 | 13.2 | 0.36 | 12.4 | 13.6 | 64.0 | 40.0 | NA | NA | NA | NA | NA | NA |
| 7/10/2018 | 13.0 | 0.37 | 12.6 | 13.7 | 76.9 | 48.9 | NA | NA | NA | NA | NA | NA |
| 7/11/2018 | 13.5 | 0.35 | 12.8 | 14.0 | 90.5 | 58.5 | NA | NA | NA | NA | NA | NA |
| 7/12/2018 | 14.5 | 0.46 | 13.9 | 15.2 | 104.9 | 68.9 | NA | NA | NA | NA | NA | NA |
| 7/13/2018 | 14.5 | 0.21 | 14.2 | 14.9 | 119.5 | 79.5 | NA | NA | NA | NA | NA | NA |
| 7/14/2018 | 13.7 | 0.65 | 12.7 | 14.5 | 133.1 | 89.1 | NA | NA | NA | NA | NA | NA |
| 7/15/2018 | 12.2 | 1.15 | 9.6 | 13.4 | 145.3 | 97.3 | NA | NA | NA | NA | NA | NA |
| 7/16/2018 | 10.8 | 1.70 | 8.4 | 13.1 | 156.1 | 104.1 | NA | NA | NA | NA | NA | NA |
| 7/17/2018 | 10.5 | 1.04 | 9.2 | 12.1 | 166.6 | 110.6 | NA | NA | NA | NA | NA | NA |
| 7/18/2018 | 10.5 | 1.14 | 9.0 | 12.3 | 177.1 | 117.1 | NA | NA | NA | NA | NA | NA |
| 7/19/2018 | 9.6 | 1.18 | 8.0 | 11.1 | 186.7 | 122.7 | NA | NA | NA | NA | NA | NA |
| 7/20/2018 | 11.3 | 0.81 | 10.1 | 12.6 | 198.0 | 130.0 | NA | NA | NA | NA | NA | NA |
| 7/21/2018 | 10.8 | 1.37 | 9.2 | 13.6 | 208.8 | 136.8 | NA | NA | NA | NA | NA | NA |
| 7/22/2018 | 9.5 | 0.74 | 8.3 | 10.8 | 218.3 | 142.3 | NA | NA | NA | NA | NA | NA |
| 7/23/2018 | 7.8 | 0.64 | 7.3 | 9.5 | 226.0 | 146.0 | NA | NA | NA | NA | NA | NA |
| 7/24/2018 | 9.4 | 1.79 | 7.3 | 11.6 | 235.4 | 151.4 | NA | NA | NA | NA | NA | NA |
| 7/25/2018 | 10.1 | 1.22 | 8.2 | 12.4 | 245.5 | 157.5 | NA | NA | NA | NA | NA | NA |
| 7/26/2018 | 10.4 | 1.82 | 8.2 | 13.5 | 255.9 | 163.9 | NA | NA | NA | NA | NA | NA |
| 7/27/2018 | 9.9 | 1.47 | 8.0 | 12.3 | 265.8 | 169.8 | NA | NA | NA | NA | NA | NA |
| 7/28/2018 | 10.2 | 2.57 | 6.9 | 13.9 | 276.0 | 176.0 | NA | NA | NA | NA | NA | NA |
| 7/29/2018 | 10.4 | 2.03 | 7.5 | 13.9 | 286.4 | 182.4 | NA | NA | NA | NA | NA | NA |
| 7/30/2018 | 8.0 | 1.34 | 6.6 | 10.7 | 294.4 | 186.4 | NA | NA | NA | NA | NA | NA |
| 7/31/2018 | 10.1 | 3.53 | 7.3 | 17.3 | 304.5 | 192.5 | NA | NA | NA | NA | NA | NA |

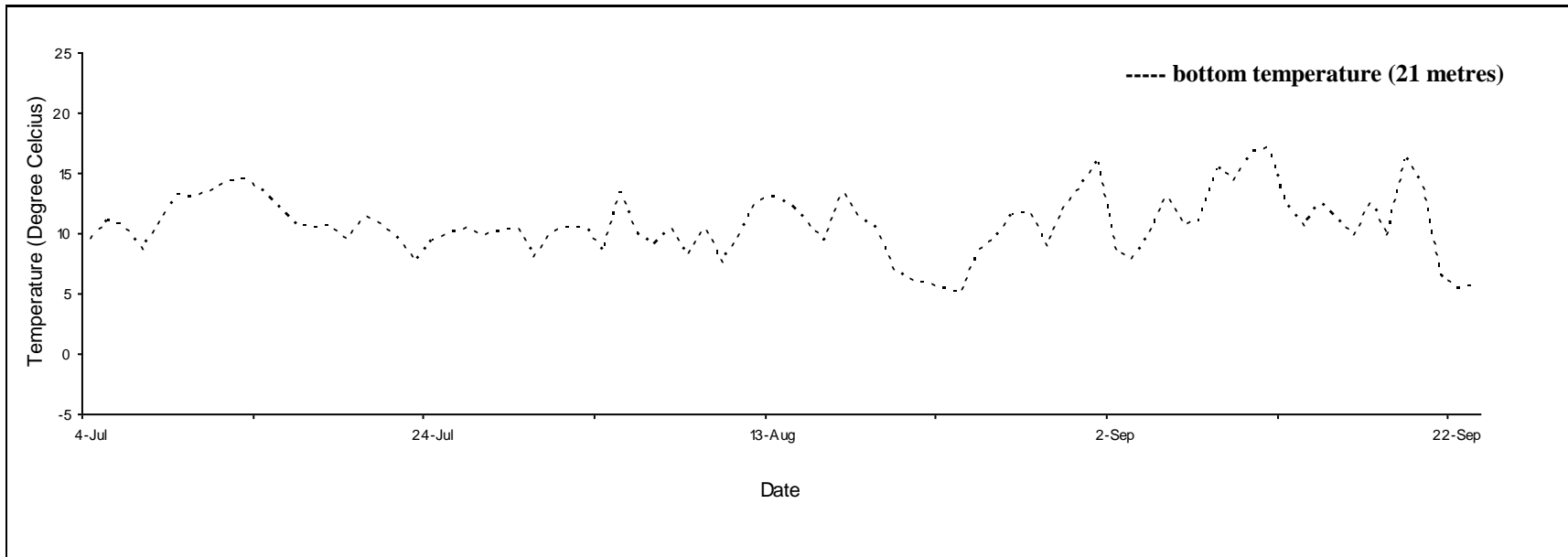
August

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/1/2018 | 10.5 | 2.65 | 8.0 | 17.2 | 10.5 | 6.5 | NA | NA | NA | NA | NA | NA |
| 8/2/2018 | 10.5 | 1.99 | 6.8 | 13.9 | 21.0 | 13.0 | NA | NA | NA | NA | NA | NA |
| 8/3/2018 | 8.5 | 1.90 | 6.8 | 12.3 | 29.5 | 17.5 | NA | NA | NA | NA | NA | NA |
| 8/4/2018 | 13.5 | 3.91 | 7.2 | 19.1 | 43.0 | 27.0 | NA | NA | NA | NA | NA | NA |
| 8/5/2018 | 10.1 | 1.63 | 7.7 | 14.0 | 53.1 | 33.1 | NA | NA | NA | NA | NA | NA |
| 8/6/2018 | 9.0 | 1.41 | 6.7 | 11.4 | 62.1 | 38.1 | NA | NA | NA | NA | NA | NA |
| 8/7/2018 | 10.4 | 2.10 | 7.5 | 14.6 | 72.6 | 44.6 | NA | NA | NA | NA | NA | NA |
| 8/8/2018 | 8.1 | 1.19 | 6.4 | 10.3 | 80.7 | 48.7 | NA | NA | NA | NA | NA | NA |
| 8/9/2018 | 10.5 | 3.72 | 7.3 | 19.4 | 91.2 | 55.2 | NA | NA | NA | NA | NA | NA |
| 8/10/2018 | 7.5 | 0.95 | 6.4 | 9.5 | 98.7 | 58.7 | NA | NA | NA | NA | NA | NA |
| 8/11/2018 | 10.0 | 2.76 | 6.5 | 15.0 | 108.7 | 64.7 | NA | NA | NA | NA | NA | NA |
| 8/12/2018 | 12.8 | 3.47 | 7.8 | 19.0 | 121.5 | 73.5 | NA | NA | NA | NA | NA | NA |
| 8/13/2018 | 13.0 | 3.07 | 8.9 | 18.1 | 134.5 | 82.5 | NA | NA | NA | NA | NA | NA |
| 8/14/2018 | 12.2 | 1.65 | 10.3 | 15.1 | 146.7 | 90.7 | NA | NA | NA | NA | NA | NA |
| 8/15/2018 | 11.0 | 1.02 | 9.1 | 12.6 | 157.7 | 97.7 | NA | NA | NA | NA | NA | NA |
| 8/16/2018 | 9.4 | 0.59 | 8.6 | 10.5 | 167.1 | 103.1 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/17/2018 | 13.5 | 1.64 | 11.4 | 16.3 | 180.5 | 112.5 | NA | NA | NA | NA | NA | NA |
| 8/18/2018 | 11.3 | 4.77 | 7.2 | 19.7 | 191.8 | 119.8 | NA | NA | NA | NA | NA | NA |
| 8/19/2018 | 10.3 | 3.87 | 7.4 | 18.2 | 202.1 | 126.1 | NA | NA | NA | NA | NA | NA |
| 8/20/2018 | 7.0 | 0.78 | 6.0 | 8.4 | 209.2 | 129.2 | NA | NA | NA | NA | NA | NA |
| 8/21/2018 | 6.2 | 0.12 | 6.0 | 6.4 | 215.4 | 131.4 | NA | NA | NA | NA | NA | NA |
| 8/22/2018 | 5.7 | 0.11 | 5.5 | 6.0 | 221.1 | 133.1 | NA | NA | NA | NA | NA | NA |
| 8/23/2018 | 5.4 | 0.29 | 5.1 | 6.1 | 226.5 | 134.5 | NA | NA | NA | NA | NA | NA |
| 8/24/2018 | 4.9 | 0.28 | 4.6 | 5.4 | 231.5 | 135.5 | NA | NA | NA | NA | NA | NA |
| 8/25/2018 | 8.7 | 2.81 | 5.8 | 14.8 | 240.2 | 140.2 | NA | NA | NA | NA | NA | NA |
| 8/26/2018 | 9.5 | 2.01 | 7.1 | 14.2 | 249.7 | 145.7 | NA | NA | NA | NA | NA | NA |
| 8/27/2018 | 11.6 | 2.85 | 8.1 | 16.2 | 261.2 | 153.2 | NA | NA | NA | NA | NA | NA |
| 8/28/2018 | 11.8 | 2.74 | 9.4 | 17.1 | 273.1 | 161.1 | NA | NA | NA | NA | NA | NA |
| 8/29/2018 | 9.0 | 1.53 | 7.3 | 11.6 | 282.0 | 166.0 | NA | NA | NA | NA | NA | NA |
| 8/30/2018 | 12.2 | 2.88 | 8.2 | 17.4 | 294.3 | 174.3 | NA | NA | NA | NA | NA | NA |
| 8/31/2018 | 13.9 | 3.55 | 9.4 | 18.4 | 308.2 | 184.2 | NA | NA | NA | NA | NA | NA |

September

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/1/2018 | 15.9 | 3.56 | 9.6 | 19.0 | 15.9 | 11.9 | NA | NA | NA | NA | NA | NA |
| 9/2/2018 | 8.4 | 1.47 | 6.6 | 11.4 | 24.4 | 16.4 | NA | NA | NA | NA | NA | NA |
| 9/3/2018 | 7.9 | 1.05 | 6.5 | 9.3 | 32.3 | 20.3 | NA | NA | NA | NA | NA | NA |
| 9/4/2018 | 9.7 | 1.62 | 7.2 | 11.9 | 41.9 | 25.9 | NA | NA | NA | NA | NA | NA |
| 9/5/2018 | 13.2 | 3.68 | 6.9 | 17.3 | 55.1 | 35.1 | NA | NA | NA | NA | NA | NA |
| 9/6/2018 | 10.8 | 3.75 | 7.7 | 17.9 | 65.9 | 41.9 | NA | NA | NA | NA | NA | NA |
| 9/7/2018 | 11.0 | 3.94 | 6.0 | 16.3 | 76.9 | 48.9 | NA | NA | NA | NA | NA | NA |
| 9/8/2018 | 15.4 | 2.47 | 11.3 | 17.8 | 92.3 | 60.3 | NA | NA | NA | NA | NA | NA |
| 9/9/2018 | 14.3 | 3.41 | 9.1 | 17.5 | 106.6 | 70.6 | NA | NA | NA | NA | NA | NA |
| 9/10/2018 | 16.8 | 0.63 | 15.7 | 17.5 | 123.4 | 83.4 | NA | NA | NA | NA | NA | NA |
| 9/11/2018 | 17.1 | 0.76 | 15.8 | 18.3 | 140.4 | 96.4 | NA | NA | NA | NA | NA | NA |
| 9/12/2018 | 12.4 | 2.65 | 9.6 | 16.3 | 152.9 | 104.9 | NA | NA | NA | NA | NA | NA |
| 9/13/2018 | 10.6 | 1.64 | 8.4 | 13.2 | 163.5 | 111.5 | NA | NA | NA | NA | NA | NA |
| 9/14/2018 | 12.5 | 0.92 | 10.7 | 13.5 | 176.0 | 120.0 | NA | NA | NA | NA | NA | NA |
| 9/15/2018 | 11.2 | 1.53 | 8.4 | 13.7 | 187.2 | 127.2 | NA | NA | NA | NA | NA | NA |
| 9/16/2018 | 9.9 | 1.27 | 8.3 | 11.9 | 197.1 | 133.1 | NA | NA | NA | NA | NA | NA |
| 9/17/2018 | 12.5 | 2.78 | 7.8 | 15.5 | 209.6 | 141.6 | NA | NA | NA | NA | NA | NA |
| 9/18/2018 | 9.8 | 1.88 | 7.4 | 12.7 | 219.3 | 147.3 | NA | NA | NA | NA | NA | NA |
| 9/19/2018 | 16.2 | 1.70 | 11.4 | 17.3 | 235.6 | 159.6 | NA | NA | NA | NA | NA | NA |
| 9/20/2018 | 14.1 | 3.98 | 7.4 | 17.5 | 249.7 | 169.7 | NA | NA | NA | NA | NA | NA |
| 9/21/2018 | 6.5 | 0.18 | 6.3 | 6.9 | 256.2 | 172.2 | NA | NA | NA | NA | NA | NA |
| 9/22/2018 | 5.5 | 0.52 | 4.8 | 6.6 | 261.7 | 173.7 | NA | NA | NA | NA | NA | NA |
| 9/23/2018 | 5.6 | 1.97 | 4.1 | 10.5 | 267.2 | 175.2 | NA | NA | NA | NA | NA | NA |



Daily mean temperature for Fortune 2, P.E.I., 2018.

Indian Rocks, P.E.I.

2018

April

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 4/29/2018 | 0.9 | 0.63 | -0.1 | 1.7 | 0.9 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/30/2018 | 0.9 | 0.62 | -0.1 | 1.8 | 1.8 | 0.0 | NA | NA | NA | NA | NA | NA |

May

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 5/1/2018 | 1.1 | 0.43 | 0.5 | 1.8 | 1.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/2/2018 | 1.3 | 0.45 | 0.8 | 2.0 | 2.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/3/2018 | 1.4 | 0.58 | 0.5 | 2.1 | 3.9 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/4/2018 | 1.3 | 0.49 | 0.6 | 2.0 | 5.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/5/2018 | 1.3 | 0.50 | 0.7 | 2.2 | 6.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/6/2018 | 1.5 | 0.53 | 0.8 | 2.5 | 8.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/7/2018 | 1.3 | 0.69 | 0.2 | 2.4 | 9.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/8/2018 | 1.1 | 0.40 | 0.5 | 1.9 | 10.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/9/2018 | 1.7 | 0.27 | 1.2 | 2.2 | 12.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/10/2018 | 2.1 | 0.49 | 1.3 | 2.8 | 14.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/11/2018 | 1.8 | 0.59 | 0.9 | 2.9 | 16.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/12/2018 | 1.7 | 0.75 | 0.8 | 3.2 | 17.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/13/2018 | 1.6 | 0.84 | 0.3 | 2.9 | 19.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/14/2018 | 1.3 | 0.72 | 0.6 | 3.0 | 20.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/15/2018 | 1.9 | 0.80 | 0.7 | 3.2 | 22.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/16/2018 | 2.3 | 0.60 | 1.1 | 3.0 | 24.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/17/2018 | 2.6 | 0.66 | 1.5 | 3.8 | 27.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/18/2018 | 2.9 | 0.51 | 2.1 | 3.5 | 30.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/19/2018 | 3.1 | 0.55 | 2.3 | 3.9 | 33.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/20/2018 | 3.0 | 0.59 | 2.4 | 4.0 | 36.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/21/2018 | 3.0 | 0.61 | 2.4 | 4.2 | 39.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/22/2018 | 3.3 | 0.61 | 2.5 | 4.2 | 42.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/23/2018 | 3.2 | 0.77 | 2.0 | 4.4 | 45.9 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/24/2018 | 3.3 | 0.71 | 2.1 | 4.3 | 49.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/25/2018 | 3.1 | 0.48 | 2.5 | 3.8 | 52.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/26/2018 | 3.6 | 0.59 | 2.6 | 4.4 | 55.9 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/27/2018 | 3.8 | 0.77 | 2.6 | 4.8 | 59.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/28/2018 | 3.9 | 0.72 | 2.9 | 5.0 | 63.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/29/2018 | 4.4 | 0.68 | 3.3 | 5.7 | 67.9 | 0.4 | NA | NA | NA | NA | NA | NA |
| 5/30/2018 | 4.5 | 0.60 | 3.5 | 5.4 | 72.5 | 0.9 | NA | NA | NA | NA | NA | NA |
| 5/31/2018 | 4.6 | 0.41 | 4.0 | 5.4 | 77.1 | 1.5 | NA | NA | NA | NA | NA | NA |

June

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/1/2018 | 4.8 | 0.39 | 4.2 | 5.4 | 4.8 | 0.8 | NA | NA | NA | NA | NA | NA |
| 6/2/2018 | 5.3 | 0.45 | 4.5 | 5.9 | 10.1 | 2.1 | NA | NA | NA | NA | NA | NA |
| 6/3/2018 | 5.5 | 0.23 | 5.2 | 5.9 | 15.6 | 3.6 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/4/2018 | 5.4 | 0.21 | 5.3 | 5.8 | 21.0 | 5.0 | NA | NA | NA | NA | NA | NA |
| 6/5/2018 | 5.6 | 0.35 | 5.3 | 6.3 | 26.6 | 6.6 | NA | NA | NA | NA | NA | NA |
| 6/6/2018 | 6.3 | 0.12 | 6.1 | 6.5 | 32.9 | 8.9 | NA | NA | NA | NA | NA | NA |
| 6/7/2018 | 6.5 | 0.19 | 6.2 | 6.8 | 39.5 | 11.5 | NA | NA | NA | NA | NA | NA |
| 6/8/2018 | 6.7 | 0.13 | 6.5 | 6.8 | 46.1 | 14.1 | NA | NA | NA | NA | NA | NA |
| 6/9/2018 | 6.7 | 0.16 | 6.3 | 6.8 | 52.9 | 16.9 | NA | NA | NA | NA | NA | NA |
| 6/10/2018 | 6.9 | 0.14 | 6.6 | 7.1 | 59.7 | 19.7 | NA | NA | NA | NA | NA | NA |
| 6/11/2018 | 7.0 | 0.11 | 6.8 | 7.2 | 66.8 | 22.8 | NA | NA | NA | NA | NA | NA |
| 6/12/2018 | 7.3 | 0.28 | 7.0 | 8.0 | 74.0 | 26.0 | NA | NA | NA | NA | NA | NA |
| 6/13/2018 | 7.9 | 0.29 | 7.5 | 8.3 | 82.0 | 30.0 | NA | NA | NA | NA | NA | NA |
| 6/14/2018 | 8.2 | 0.22 | 7.9 | 8.5 | 90.2 | 34.2 | NA | NA | NA | NA | NA | NA |
| 6/15/2018 | 8.4 | 0.06 | 8.4 | 8.5 | 98.6 | 38.6 | NA | NA | NA | NA | NA | NA |
| 6/16/2018 | 8.6 | 0.14 | 8.4 | 8.9 | 107.2 | 43.2 | NA | NA | NA | NA | NA | NA |
| 6/17/2018 | 8.7 | 0.24 | 8.4 | 9.1 | 115.9 | 47.9 | NA | NA | NA | NA | NA | NA |
| 6/18/2018 | 8.9 | 0.25 | 8.5 | 9.2 | 124.8 | 52.8 | NA | NA | NA | NA | NA | NA |
| 6/19/2018 | 9.0 | 0.13 | 8.8 | 9.2 | 133.8 | 57.8 | NA | NA | NA | NA | NA | NA |
| 6/20/2018 | 9.2 | 0.17 | 9.0 | 9.6 | 143.0 | 63.0 | NA | NA | NA | NA | NA | NA |
| 6/21/2018 | 9.2 | 0.30 | 8.6 | 9.6 | 152.2 | 68.2 | NA | NA | NA | NA | NA | NA |
| 6/22/2018 | 9.3 | 0.36 | 8.6 | 9.7 | 161.4 | 73.4 | NA | NA | NA | NA | NA | NA |
| 6/23/2018 | 9.3 | 0.52 | 8.4 | 9.8 | 170.7 | 78.7 | NA | NA | NA | NA | NA | NA |
| 6/24/2018 | 9.0 | 0.63 | 8.1 | 10.0 | 179.7 | 83.7 | NA | NA | NA | NA | NA | NA |
| 6/25/2018 | 9.3 | 0.49 | 8.3 | 9.9 | 189.0 | 89.0 | NA | NA | NA | NA | NA | NA |
| 6/26/2018 | 9.4 | 0.38 | 8.6 | 9.9 | 198.3 | 94.3 | NA | NA | NA | NA | NA | NA |
| 6/27/2018 | 9.5 | 0.46 | 8.7 | 10.1 | 207.8 | 99.8 | NA | NA | NA | NA | NA | NA |
| 6/28/2018 | 9.9 | 0.44 | 8.8 | 10.3 | 217.7 | 105.7 | NA | NA | NA | NA | NA | NA |
| 6/29/2018 | 10.3 | 0.33 | 9.7 | 10.8 | 228.0 | 112.0 | NA | NA | NA | NA | NA | NA |
| 6/30/2018 | 10.6 | 0.36 | 10.0 | 11.1 | 238.6 | 118.6 | NA | NA | NA | NA | NA | NA |

July

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/1/2018 | 10.7 | 0.35 | 10.1 | 11.2 | 10.7 | 6.7 | NA | NA | NA | NA | NA | NA |
| 7/2/2018 | 10.9 | 0.24 | 10.5 | 11.3 | 21.6 | 13.6 | NA | NA | NA | NA | NA | NA |
| 7/3/2018 | 11.1 | 0.36 | 10.4 | 11.5 | 32.7 | 20.7 | NA | NA | NA | NA | NA | NA |
| 7/4/2018 | 11.3 | 0.47 | 10.4 | 11.8 | 44.0 | 28.0 | NA | NA | NA | NA | NA | NA |
| 7/5/2018 | 11.2 | 0.59 | 10.3 | 11.9 | 55.2 | 35.2 | NA | NA | NA | NA | NA | NA |
| 7/6/2018 | 11.5 | 0.43 | 10.9 | 12.0 | 66.7 | 42.7 | NA | NA | NA | NA | NA | NA |
| 7/7/2018 | 11.3 | 0.46 | 10.7 | 12.4 | 78.0 | 50.0 | NA | NA | NA | NA | NA | NA |
| 7/8/2018 | 10.7 | 0.73 | 9.6 | 11.7 | 88.7 | 56.7 | NA | NA | NA | NA | NA | NA |
| 7/9/2018 | 10.4 | 0.49 | 9.7 | 11.3 | 99.1 | 63.1 | NA | NA | NA | NA | NA | NA |
| 7/10/2018 | 10.8 | 0.65 | 9.6 | 11.8 | 109.9 | 69.9 | NA | NA | NA | NA | NA | NA |
| 7/11/2018 | 11.3 | 0.69 | 10.4 | 12.5 | 121.2 | 77.2 | NA | NA | NA | NA | NA | NA |
| 7/12/2018 | 12.0 | 0.57 | 10.8 | 12.8 | 133.2 | 85.2 | NA | NA | NA | NA | NA | NA |
| 7/13/2018 | 13.1 | 0.63 | 11.4 | 13.6 | 146.3 | 94.3 | NA | NA | NA | NA | NA | NA |
| 7/14/2018 | 14.0 | 0.76 | 12.3 | 14.7 | 160.2 | 104.2 | NA | NA | NA | NA | NA | NA |
| 7/15/2018 | 14.5 | 0.62 | 13.3 | 15.2 | 174.8 | 114.8 | NA | NA | NA | NA | NA | NA |
| 7/16/2018 | 14.7 | 0.88 | 13.4 | 15.8 | 189.5 | 125.5 | NA | NA | NA | NA | NA | NA |
| 7/17/2018 | 14.8 | 0.89 | 13.8 | 16.0 | 204.3 | 136.3 | NA | NA | NA | NA | NA | NA |
| 7/18/2018 | 14.9 | 0.85 | 13.9 | 16.1 | 219.2 | 147.2 | NA | NA | NA | NA | NA | NA |
| 7/19/2018 | 14.8 | 0.73 | 13.8 | 15.9 | 234.0 | 158.0 | NA | NA | NA | NA | NA | NA |
| 7/20/2018 | 14.0 | 1.13 | 12.5 | 15.6 | 247.9 | 167.9 | NA | NA | NA | NA | NA | NA |
| 7/21/2018 | 13.3 | 1.37 | 11.3 | 15.6 | 261.3 | 177.3 | NA | NA | NA | NA | NA | NA |
| 7/22/2018 | 13.1 | 1.49 | 10.7 | 15.6 | 274.4 | 186.4 | NA | NA | NA | NA | NA | NA |
| 7/23/2018 | 12.1 | 1.48 | 9.9 | 14.7 | 286.4 | 194.4 | NA | NA | NA | NA | NA | NA |
| 7/24/2018 | 11.6 | 1.22 | 9.5 | 13.5 | 298.0 | 202.0 | NA | NA | NA | NA | NA | NA |
| 7/25/2018 | 11.0 | 1.31 | 8.3 | 12.8 | 309.0 | 209.0 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/26/2018 | 10.5 | 1.21 | 8.4 | 12.7 | 319.5 | 215.5 | NA | NA | NA | NA | NA | NA |
| 7/27/2018 | 10.4 | 1.16 | 8.9 | 12.8 | 329.9 | 221.9 | NA | NA | NA | NA | NA | NA |
| 7/28/2018 | 10.2 | 1.21 | 8.6 | 12.4 | 340.1 | 228.1 | NA | NA | NA | NA | NA | NA |
| 7/29/2018 | 10.3 | 1.09 | 8.7 | 12.6 | 350.4 | 234.4 | NA | NA | NA | NA | NA | NA |
| 7/30/2018 | 10.5 | 1.26 | 8.8 | 12.9 | 360.9 | 240.9 | NA | NA | NA | NA | NA | NA |
| 7/31/2018 | 10.6 | 1.18 | 8.7 | 12.4 | 371.5 | 247.5 | NA | NA | NA | NA | NA | NA |

August

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/1/2018 | 11.3 | 1.27 | 9.3 | 13.0 | 11.3 | 7.3 | NA | NA | NA | NA | NA | NA |
| 8/2/2018 | 11.9 | 1.49 | 9.3 | 13.5 | 23.2 | 15.2 | NA | NA | NA | NA | NA | NA |
| 8/3/2018 | 11.5 | 1.41 | 9.7 | 13.6 | 34.7 | 22.7 | NA | NA | NA | NA | NA | NA |
| 8/4/2018 | 11.5 | 1.25 | 9.7 | 13.2 | 46.2 | 30.2 | NA | NA | NA | NA | NA | NA |
| 8/5/2018 | 12.1 | 1.39 | 10.1 | 14.2 | 58.3 | 38.3 | NA | NA | NA | NA | NA | NA |
| 8/6/2018 | 11.6 | 1.40 | 9.5 | 13.9 | 69.9 | 45.9 | NA | NA | NA | NA | NA | NA |
| 8/7/2018 | 11.7 | 1.69 | 9.6 | 14.6 | 81.6 | 53.6 | NA | NA | NA | NA | NA | NA |
| 8/8/2018 | 11.5 | 1.62 | 9.8 | 14.5 | 93.2 | 61.2 | NA | NA | NA | NA | NA | NA |
| 8/9/2018 | 11.6 | 1.27 | 10.1 | 14.0 | 104.8 | 68.8 | NA | NA | NA | NA | NA | NA |
| 8/10/2018 | 12.1 | 1.43 | 9.8 | 14.1 | 116.9 | 76.9 | NA | NA | NA | NA | NA | NA |
| 8/11/2018 | 11.4 | 1.12 | 10.0 | 13.7 | 128.4 | 84.4 | NA | NA | NA | NA | NA | NA |
| 8/12/2018 | 11.8 | 1.51 | 9.8 | 14.2 | 140.1 | 92.1 | NA | NA | NA | NA | NA | NA |
| 8/13/2018 | 11.6 | 1.35 | 10.1 | 14.0 | 151.8 | 99.8 | NA | NA | NA | NA | NA | NA |
| 8/14/2018 | 12.6 | 1.35 | 10.5 | 14.4 | 164.3 | 108.3 | NA | NA | NA | NA | NA | NA |
| 8/15/2018 | 13.1 | 1.56 | 11.1 | 15.3 | 177.4 | 117.4 | NA | NA | NA | NA | NA | NA |
| 8/16/2018 | 13.2 | 1.50 | 11.4 | 15.4 | 190.6 | 126.6 | NA | NA | NA | NA | NA | NA |
| 8/17/2018 | 13.1 | 1.17 | 11.3 | 14.7 | 203.7 | 135.7 | NA | NA | NA | NA | NA | NA |
| 8/18/2018 | 13.8 | 1.55 | 11.1 | 15.8 | 217.5 | 145.5 | NA | NA | NA | NA | NA | NA |
| 8/19/2018 | 13.8 | 1.59 | 11.6 | 16.3 | 231.3 | 155.3 | NA | NA | NA | NA | NA | NA |
| 8/20/2018 | 14.7 | 1.60 | 12.6 | 17.8 | 246.0 | 166.0 | NA | NA | NA | NA | NA | NA |
| 8/21/2018 | 14.9 | 1.75 | 12.6 | 17.8 | 260.9 | 176.9 | NA | NA | NA | NA | NA | NA |
| 8/22/2018 | 13.3 | 1.87 | 10.2 | 16.1 | 274.3 | 186.3 | NA | NA | NA | NA | NA | NA |
| 8/23/2018 | 11.4 | 2.10 | 7.4 | 14.6 | 285.6 | 193.6 | NA | NA | NA | NA | NA | NA |
| 8/24/2018 | 9.6 | 2.07 | 6.6 | 13.4 | 295.2 | 199.2 | NA | NA | NA | NA | NA | NA |
| 8/25/2018 | 8.5 | 2.00 | 5.4 | 12.8 | 303.8 | 203.8 | NA | NA | NA | NA | NA | NA |
| 8/26/2018 | 7.4 | 1.47 | 5.6 | 11.0 | 311.1 | 207.1 | NA | NA | NA | NA | NA | NA |
| 8/27/2018 | 7.6 | 1.32 | 5.3 | 9.7 | 318.7 | 210.7 | NA | NA | NA | NA | NA | NA |
| 8/28/2018 | 8.5 | 1.44 | 5.7 | 10.8 | 327.2 | 215.2 | NA | NA | NA | NA | NA | NA |
| 8/29/2018 | 9.4 | 1.83 | 6.8 | 12.4 | 336.6 | 220.6 | NA | NA | NA | NA | NA | NA |
| 8/30/2018 | 10.4 | 1.79 | 7.6 | 13.0 | 347.1 | 227.1 | NA | NA | NA | NA | NA | NA |
| 8/31/2018 | 10.4 | 1.31 | 8.6 | 12.5 | 357.4 | 233.4 | NA | NA | NA | NA | NA | NA |

September

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/1/2018 | 12.1 | 1.71 | 9.6 | 14.5 | 12.1 | 8.1 | NA | NA | NA | NA | NA | NA |
| 9/2/2018 | 12.2 | 1.42 | 10.4 | 15.0 | 24.3 | 16.3 | NA | NA | NA | NA | NA | NA |
| 9/3/2018 | 11.9 | 1.64 | 10.0 | 14.8 | 36.1 | 24.1 | NA | NA | NA | NA | NA | NA |
| 9/4/2018 | 11.1 | 1.10 | 9.8 | 13.4 | 47.3 | 31.3 | NA | NA | NA | NA | NA | NA |
| 9/5/2018 | 10.2 | 1.29 | 8.0 | 12.1 | 57.5 | 37.5 | NA | NA | NA | NA | NA | NA |
| 9/6/2018 | 10.2 | 1.76 | 7.4 | 12.7 | 67.6 | 43.6 | NA | NA | NA | NA | NA | NA |
| 9/7/2018 | 10.4 | 1.60 | 8.6 | 13.2 | 78.0 | 50.0 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/8/2018 | 11.2 | 1.38 | 9.3 | 13.5 | 89.3 | 57.3 | NA | NA | NA | NA | NA | NA |
| 9/9/2018 | 11.6 | 1.17 | 9.6 | 13.5 | 100.8 | 64.8 | NA | NA | NA | NA | NA | NA |
| 9/10/2018 | 13.0 | 1.45 | 10.5 | 15.1 | 113.8 | 73.8 | NA | NA | NA | NA | NA | NA |
| 9/11/2018 | 14.2 | 1.53 | 11.8 | 16.2 | 128.1 | 84.1 | NA | NA | NA | NA | NA | NA |
| 9/12/2018 | 15.0 | 1.28 | 13.2 | 16.4 | 143.1 | 95.1 | NA | NA | NA | NA | NA | NA |
| 9/13/2018 | 14.9 | 0.91 | 13.7 | 16.0 | 158.0 | 106.0 | NA | NA | NA | NA | NA | NA |
| 9/14/2018 | 15.0 | 0.96 | 13.6 | 16.1 | 173.1 | 117.1 | NA | NA | NA | NA | NA | NA |
| 9/15/2018 | 14.9 | 1.02 | 13.2 | 16.3 | 188.0 | 128.0 | NA | NA | NA | NA | NA | NA |
| 9/16/2018 | 14.2 | 1.37 | 11.8 | 16.3 | 202.2 | 138.2 | NA | NA | NA | NA | NA | NA |
| 9/17/2018 | 12.9 | 1.14 | 11.0 | 15.0 | 215.1 | 147.1 | NA | NA | NA | NA | NA | NA |
| 9/18/2018 | 13.0 | 1.00 | 10.7 | 14.5 | 228.1 | 156.1 | NA | NA | NA | NA | NA | NA |
| 9/19/2018 | 14.4 | 0.32 | 13.8 | 14.8 | 242.5 | 166.5 | NA | NA | NA | NA | NA | NA |
| 9/20/2018 | 14.9 | 0.81 | 12.9 | 15.8 | 257.4 | 177.4 | NA | NA | NA | NA | NA | NA |
| 9/21/2018 | 14.7 | 0.82 | 13.1 | 15.9 | 272.1 | 188.1 | NA | NA | NA | NA | NA | NA |
| 9/22/2018 | 14.8 | 0.96 | 12.8 | 15.8 | 286.9 | 198.9 | NA | NA | NA | NA | NA | NA |
| 9/23/2018 | 11.2 | 1.68 | 9.1 | 13.9 | 298.1 | 206.1 | NA | NA | NA | NA | NA | NA |
| 9/24/2018 | 10.9 | 2.22 | 7.1 | 14.7 | 308.9 | 212.9 | NA | NA | NA | NA | NA | NA |
| 9/25/2018 | 10.1 | 1.59 | 7.3 | 12.0 | 319.0 | 219.0 | NA | NA | NA | NA | NA | NA |
| 9/26/2018 | 10.3 | 1.64 | 8.0 | 12.9 | 329.3 | 225.3 | NA | NA | NA | NA | NA | NA |
| 9/27/2018 | 10.4 | 1.97 | 7.8 | 13.4 | 339.7 | 231.7 | NA | NA | NA | NA | NA | NA |
| 9/28/2018 | 10.8 | 1.33 | 8.6 | 12.5 | 350.5 | 238.5 | NA | NA | NA | NA | NA | NA |
| 9/29/2018 | 11.1 | 1.22 | 9.5 | 13.0 | 361.6 | 245.6 | NA | NA | NA | NA | NA | NA |
| 9/30/2018 | 10.9 | 0.98 | 9.7 | 12.9 | 372.5 | 252.5 | NA | NA | NA | NA | NA | NA |

October

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/1/2018 | 11.3 | 0.79 | 10.0 | 12.4 | 11.3 | 7.3 | NA | NA | NA | NA | NA | NA |
| 10/2/2018 | 11.5 | 0.73 | 10.3 | 12.6 | 22.8 | 14.8 | NA | NA | NA | NA | NA | NA |
| 10/3/2018 | 12.6 | 0.60 | 11.8 | 13.5 | 35.4 | 23.4 | NA | NA | NA | NA | NA | NA |
| 10/4/2018 | 12.7 | 1.13 | 10.5 | 13.6 | 48.1 | 32.1 | NA | NA | NA | NA | NA | NA |
| 10/5/2018 | 11.8 | 0.89 | 10.6 | 13.2 | 59.9 | 39.9 | NA | NA | NA | NA | NA | NA |
| 10/6/2018 | 11.4 | 0.83 | 10.2 | 12.6 | 71.3 | 47.3 | NA | NA | NA | NA | NA | NA |
| 10/7/2018 | 11.3 | 0.71 | 10.0 | 12.6 | 82.6 | 54.6 | NA | NA | NA | NA | NA | NA |
| 10/8/2018 | 11.1 | 0.91 | 9.9 | 12.3 | 93.7 | 61.7 | NA | NA | NA | NA | NA | NA |
| 10/9/2018 | 11.0 | 0.67 | 10.1 | 11.9 | 104.8 | 68.8 | NA | NA | NA | NA | NA | NA |
| 10/10/2018 | 11.3 | 0.60 | 10.3 | 12.2 | 116.0 | 76.0 | NA | NA | NA | NA | NA | NA |
| 10/11/2018 | 11.3 | 0.45 | 10.4 | 11.9 | 127.3 | 83.3 | NA | NA | NA | NA | NA | NA |
| 10/12/2018 | 11.8 | 0.27 | 11.4 | 12.3 | 139.1 | 91.1 | NA | NA | NA | NA | NA | NA |
| 10/13/2018 | 11.7 | 0.27 | 11.4 | 12.2 | 150.8 | 98.8 | NA | NA | NA | NA | NA | NA |
| 10/14/2018 | 11.5 | 0.17 | 11.3 | 11.8 | 162.2 | 106.2 | NA | NA | NA | NA | NA | NA |
| 10/15/2018 | 11.2 | 0.08 | 11.1 | 11.4 | 173.5 | 113.5 | NA | NA | NA | NA | NA | NA |
| 10/16/2018 | 11.3 | 0.17 | 11.2 | 11.9 | 184.8 | 120.8 | NA | NA | NA | NA | NA | NA |
| 10/17/2018 | 10.9 | 0.91 | 9.7 | 11.9 | 195.7 | 127.7 | NA | NA | NA | NA | NA | NA |
| 10/18/2018 | 11.1 | 0.69 | 10.3 | 12.1 | 206.9 | 134.9 | NA | NA | NA | NA | NA | NA |
| 10/19/2018 | 11.1 | 0.53 | 9.9 | 11.6 | 218.0 | 142.0 | NA | NA | NA | NA | NA | NA |
| 10/20/2018 | 9.8 | 0.51 | 9.2 | 10.7 | 227.8 | 147.8 | NA | NA | NA | NA | NA | NA |
| 10/21/2018 | 9.8 | 0.59 | 9.2 | 10.9 | 237.6 | 153.6 | NA | NA | NA | NA | NA | NA |
| 10/22/2018 | 10.1 | 0.43 | 9.3 | 10.7 | 247.7 | 159.7 | NA | NA | NA | NA | NA | NA |
| 10/23/2018 | 9.8 | 0.52 | 9.0 | 10.6 | 257.5 | 165.5 | NA | NA | NA | NA | NA | NA |
| 10/24/2018 | 9.8 | 0.24 | 9.3 | 10.2 | 267.3 | 171.3 | NA | NA | NA | NA | NA | NA |
| 10/25/2018 | 9.9 | 0.15 | 9.7 | 10.1 | 277.2 | 177.2 | NA | NA | NA | NA | NA | NA |
| 10/26/2018 | 9.4 | 0.29 | 8.9 | 9.8 | 286.6 | 182.6 | NA | NA | NA | NA | NA | NA |
| 10/27/2018 | 9.0 | 0.22 | 8.6 | 9.3 | 295.6 | 187.6 | NA | NA | NA | NA | NA | NA |
| 10/28/2018 | 9.0 | 0.40 | 8.1 | 9.3 | 304.6 | 192.6 | NA | NA | NA | NA | NA | NA |
| 10/29/2018 | 9.0 | 0.38 | 8.4 | 9.5 | 313.5 | 197.5 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/30/2018 | 9.0 | 0.30 | 8.6 | 9.4 | 322.5 | 202.5 | NA | NA | NA | NA | NA | NA |
| 10/31/2018 | 9.0 | 0.26 | 8.7 | 9.4 | 331.5 | 207.5 | NA | NA | NA | NA | NA | NA |

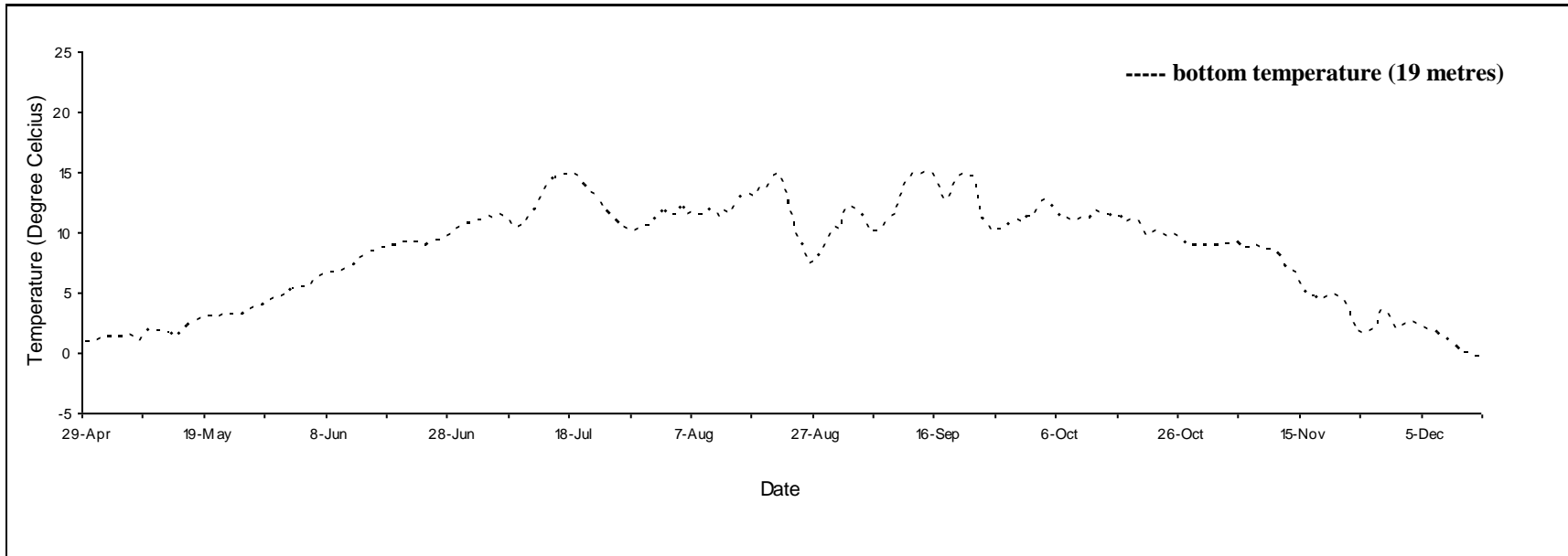
November

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 11/1/2018 | 9.0 | 0.20 | 8.6 | 9.2 | 9.0 | 5.0 | NA | NA | NA | NA | NA | NA |
| 11/2/2018 | 9.1 | 0.10 | 8.8 | 9.2 | 18.0 | 10.0 | NA | NA | NA | NA | NA | NA |
| 11/3/2018 | 9.1 | 0.11 | 9.0 | 9.4 | 27.1 | 15.1 | NA | NA | NA | NA | NA | NA |
| 11/4/2018 | 9.2 | 0.34 | 8.6 | 9.5 | 36.3 | 20.3 | NA | NA | NA | NA | NA | NA |
| 11/5/2018 | 8.8 | 0.26 | 8.4 | 9.3 | 45.1 | 25.1 | NA | NA | NA | NA | NA | NA |
| 11/6/2018 | 8.9 | 0.25 | 8.4 | 9.1 | 54.0 | 30.0 | NA | NA | NA | NA | NA | NA |
| 11/7/2018 | 9.0 | 0.12 | 8.7 | 9.1 | 62.9 | 34.9 | NA | NA | NA | NA | NA | NA |
| 11/8/2018 | 8.8 | 0.19 | 8.6 | 9.1 | 71.7 | 39.7 | NA | NA | NA | NA | NA | NA |
| 11/9/2018 | 8.7 | 0.15 | 8.5 | 8.9 | 80.5 | 44.5 | NA | NA | NA | NA | NA | NA |
| 11/10/2018 | 8.6 | 0.17 | 8.3 | 8.8 | 89.1 | 49.1 | NA | NA | NA | NA | NA | NA |
| 11/11/2018 | 8.2 | 0.25 | 7.8 | 8.7 | 97.3 | 53.3 | NA | NA | NA | NA | NA | NA |
| 11/12/2018 | 7.3 | 0.34 | 6.8 | 7.8 | 104.7 | 56.7 | NA | NA | NA | NA | NA | NA |
| 11/13/2018 | 6.9 | 0.29 | 6.6 | 7.5 | 111.6 | 59.6 | NA | NA | NA | NA | NA | NA |
| 11/14/2018 | 6.7 | 0.63 | 6.0 | 7.6 | 118.3 | 62.3 | NA | NA | NA | NA | NA | NA |
| 11/15/2018 | 5.4 | 0.57 | 4.4 | 6.1 | 123.7 | 63.7 | NA | NA | NA | NA | NA | NA |
| 11/16/2018 | 4.9 | 0.39 | 4.2 | 5.5 | 128.6 | 64.6 | NA | NA | NA | NA | NA | NA |
| 11/17/2018 | 4.8 | 0.55 | 4.1 | 5.5 | 133.3 | 65.3 | NA | NA | NA | NA | NA | NA |
| 11/18/2018 | 4.4 | 0.34 | 3.9 | 5.0 | 137.7 | 65.7 | NA | NA | NA | NA | NA | NA |
| 11/19/2018 | 4.7 | 0.19 | 4.4 | 5.0 | 142.4 | 66.4 | NA | NA | NA | NA | NA | NA |
| 11/20/2018 | 4.8 | 0.12 | 4.6 | 5.1 | 147.2 | 67.2 | NA | NA | NA | NA | NA | NA |
| 11/21/2018 | 4.7 | 0.13 | 4.4 | 4.9 | 151.9 | 67.9 | NA | NA | NA | NA | NA | NA |
| 11/22/2018 | 4.1 | 0.48 | 3.4 | 4.9 | 156.1 | 68.1 | NA | NA | NA | NA | NA | NA |
| 11/23/2018 | 2.8 | 0.57 | 2.0 | 3.6 | 158.9 | 68.1 | NA | NA | NA | NA | NA | NA |
| 11/24/2018 | 1.9 | 0.46 | 1.2 | 2.5 | 160.8 | 68.1 | NA | NA | NA | NA | NA | NA |
| 11/25/2018 | 1.7 | 0.35 | 1.3 | 2.3 | 162.4 | 68.1 | NA | NA | NA | NA | NA | NA |
| 11/26/2018 | 1.8 | 0.51 | 1.3 | 2.7 | 164.2 | 68.1 | NA | NA | NA | NA | NA | NA |
| 11/27/2018 | 2.1 | 0.57 | 1.3 | 3.0 | 166.3 | 68.1 | NA | NA | NA | NA | NA | NA |
| 11/28/2018 | 3.6 | 0.44 | 2.7 | 4.1 | 169.9 | 68.1 | NA | NA | NA | NA | NA | NA |
| 11/29/2018 | 3.6 | 0.77 | 2.0 | 4.1 | 173.5 | 68.1 | NA | NA | NA | NA | NA | NA |
| 11/30/2018 | 2.1 | 0.24 | 1.8 | 2.5 | 175.6 | 68.1 | NA | NA | NA | NA | NA | NA |

December

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 12/1/2018 | 2.3 | 0.34 | 1.9 | 3.1 | 2.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/2/2018 | 2.4 | 0.29 | 2.0 | 2.8 | 4.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/3/2018 | 2.6 | 0.21 | 2.2 | 2.8 | 7.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/4/2018 | 2.4 | 0.19 | 2.1 | 2.8 | 9.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/5/2018 | 2.1 | 0.25 | 1.7 | 2.3 | 11.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/6/2018 | 1.9 | 0.22 | 1.5 | 2.2 | 13.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/7/2018 | 1.7 | 0.21 | 1.4 | 2.0 | 15.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/8/2018 | 1.4 | 0.31 | 1.1 | 2.2 | 16.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/9/2018 | 0.9 | 0.28 | 0.5 | 1.3 | 17.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/10/2018 | 0.6 | 0.21 | 0.3 | 1.0 | 18.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/11/2018 | 0.2 | 0.23 | -0.1 | 0.5 | 18.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/12/2018 | 0.1 | 0.34 | -0.3 | 0.7 | 18.4 | 0.0 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 12/13/2018 | -0.4 | 0.24 | -0.7 | -0.1 | 18.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/14/2018 | -0.3 | 0.26 | -0.7 | 0.1 | 18.4 | 0.0 | NA | NA | NA | NA | NA | NA |



Daily mean temperature for Indian Rocks, P.E.I., 2018.

Jack Shoal, N.S.

2018

April

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 4/30/2018 | 0.9 | 0.53 | 0.3 | 1.8 | 0.9 | 0.0 | NA | NA | NA | NA | NA | NA |

May

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 5/1/2018 | 1.5 | 0.47 | 0.5 | 1.9 | 1.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/2/2018 | 0.8 | 0.29 | 0.4 | 1.1 | 2.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/3/2018 | 1.1 | 0.69 | 0.3 | 2.2 | 3.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/4/2018 | 1.3 | 0.23 | 0.9 | 1.6 | 4.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/5/2018 | 1.4 | 0.57 | 0.8 | 2.6 | 6.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/6/2018 | 3.3 | 0.83 | 1.3 | 4.0 | 9.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/7/2018 | 3.2 | 0.65 | 2.4 | 4.1 | 12.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/8/2018 | 2.5 | 0.50 | 1.8 | 3.2 | 15.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/9/2018 | 2.2 | 0.59 | 1.0 | 3.2 | 17.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/10/2018 | 1.3 | 0.42 | 0.9 | 2.1 | 18.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/11/2018 | 2.5 | 0.75 | 0.8 | 3.6 | 21.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/12/2018 | 1.2 | 0.54 | 0.7 | 2.5 | 22.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/13/2018 | 1.6 | 0.13 | 1.4 | 1.8 | 24.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/14/2018 | 2.4 | 0.35 | 1.7 | 2.8 | 26.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/15/2018 | 2.8 | 0.78 | 2.0 | 4.6 | 29.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/16/2018 | 2.8 | 0.71 | 1.8 | 4.3 | 31.9 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/17/2018 | 5.2 | 1.00 | 3.2 | 6.3 | 37.1 | 1.2 | NA | NA | NA | NA | NA | NA |
| 5/18/2018 | 3.7 | 1.01 | 2.3 | 5.1 | 40.8 | 1.2 | NA | NA | NA | NA | NA | NA |
| 5/19/2018 | 3.9 | 0.87 | 2.2 | 5.1 | 44.6 | 1.2 | NA | NA | NA | NA | NA | NA |
| 5/20/2018 | 3.9 | 1.70 | 0.8 | 5.5 | 48.5 | 1.2 | NA | NA | NA | NA | NA | NA |
| 5/21/2018 | 3.7 | 1.39 | 1.1 | 5.9 | 52.2 | 1.2 | NA | NA | NA | NA | NA | NA |
| 5/22/2018 | 5.7 | 1.04 | 3.2 | 6.7 | 57.9 | 2.9 | NA | NA | NA | NA | NA | NA |
| 5/23/2018 | 5.2 | 2.14 | 1.9 | 7.2 | 63.1 | 4.1 | NA | NA | NA | NA | NA | NA |
| 5/24/2018 | 6.9 | 0.65 | 5.1 | 7.7 | 70.0 | 7.0 | NA | NA | NA | NA | NA | NA |
| 5/25/2018 | 7.0 | 0.33 | 6.5 | 7.3 | 77.0 | 10.0 | NA | NA | NA | NA | NA | NA |
| 5/26/2018 | 6.7 | 0.50 | 6.0 | 7.3 | 83.7 | 12.6 | NA | NA | NA | NA | NA | NA |
| 5/27/2018 | 5.8 | 0.77 | 4.5 | 7.3 | 89.5 | 14.5 | NA | NA | NA | NA | NA | NA |
| 5/28/2018 | 6.2 | 0.23 | 5.7 | 6.4 | 95.7 | 16.6 | NA | NA | NA | NA | NA | NA |
| 5/29/2018 | 5.7 | 0.94 | 4.2 | 7.0 | 101.3 | 18.3 | NA | NA | NA | NA | NA | NA |
| 5/30/2018 | 7.6 | 0.31 | 7.0 | 8.0 | 108.9 | 21.9 | NA | NA | NA | NA | NA | NA |
| 5/31/2018 | 7.2 | 0.34 | 6.3 | 7.6 | 116.1 | 25.1 | NA | NA | NA | NA | NA | NA |

June

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/1/2018 | 6.6 | 0.25 | 6.0 | 7.0 | 6.6 | 2.6 | NA | NA | NA | NA | NA | NA |
| 6/2/2018 | 6.5 | 0.37 | 5.7 | 6.9 | 13.0 | 5.0 | NA | NA | NA | NA | NA | NA |
| 6/3/2018 | 7.3 | 0.17 | 7.0 | 7.6 | 20.3 | 8.3 | NA | NA | NA | NA | NA | NA |
| 6/4/2018 | 7.1 | 0.26 | 6.7 | 7.4 | 27.4 | 11.4 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/5/2018 | 7.0 | 0.57 | 6.3 | 7.5 | 34.4 | 14.4 | NA | NA | NA | NA | NA | NA |
| 6/6/2018 | 6.6 | 0.18 | 6.4 | 6.9 | 41.0 | 17.0 | NA | NA | NA | NA | NA | NA |
| 6/7/2018 | 7.0 | 0.13 | 6.8 | 7.2 | 48.0 | 20.0 | NA | NA | NA | NA | NA | NA |
| 6/8/2018 | 7.0 | 0.21 | 6.7 | 7.3 | 55.1 | 23.1 | NA | NA | NA | NA | NA | NA |
| 6/9/2018 | 6.8 | 0.36 | 6.3 | 7.4 | 61.9 | 25.9 | NA | NA | NA | NA | NA | NA |
| 6/10/2018 | 6.5 | 0.29 | 6.2 | 7.3 | 68.4 | 28.4 | NA | NA | NA | NA | NA | NA |
| 6/11/2018 | 6.8 | 0.48 | 6.1 | 7.5 | 75.2 | 31.2 | NA | NA | NA | NA | NA | NA |
| 6/12/2018 | 7.0 | 0.12 | 6.8 | 7.2 | 82.2 | 34.2 | NA | NA | NA | NA | NA | NA |
| 6/13/2018 | 8.3 | 0.76 | 7.1 | 9.0 | 90.5 | 38.5 | NA | NA | NA | NA | NA | NA |
| 6/14/2018 | 6.9 | 0.57 | 6.3 | 7.9 | 97.3 | 41.3 | NA | NA | NA | NA | NA | NA |
| 6/15/2018 | 6.2 | 0.46 | 5.3 | 6.7 | 103.6 | 43.6 | NA | NA | NA | NA | NA | NA |
| 6/16/2018 | 6.5 | 0.50 | 5.4 | 7.5 | 110.1 | 46.1 | NA | NA | NA | NA | NA | NA |
| 6/17/2018 | 7.1 | 0.51 | 6.5 | 8.0 | 117.2 | 49.2 | NA | NA | NA | NA | NA | NA |
| 6/18/2018 | 7.5 | 0.67 | 6.5 | 8.6 | 124.6 | 52.6 | NA | NA | NA | NA | NA | NA |
| 6/19/2018 | 9.0 | 0.47 | 8.1 | 9.6 | 133.6 | 57.6 | NA | NA | NA | NA | NA | NA |
| 6/20/2018 | 8.6 | 1.25 | 7.1 | 10.1 | 142.2 | 62.2 | NA | NA | NA | NA | NA | NA |
| 6/21/2018 | 8.5 | 0.43 | 7.6 | 9.1 | 150.7 | 66.7 | NA | NA | NA | NA | NA | NA |
| 6/22/2018 | 8.4 | 0.79 | 7.6 | 9.9 | 159.1 | 71.1 | NA | NA | NA | NA | NA | NA |
| 6/23/2018 | 9.0 | 0.42 | 8.6 | 10.1 | 168.1 | 76.1 | NA | NA | NA | NA | NA | NA |
| 6/24/2018 | 8.6 | 0.92 | 7.6 | 10.2 | 176.7 | 80.7 | NA | NA | NA | NA | NA | NA |
| 6/25/2018 | 8.9 | 0.60 | 7.9 | 9.9 | 185.6 | 85.6 | NA | NA | NA | NA | NA | NA |
| 6/26/2018 | 10.4 | 0.34 | 10.1 | 11.1 | 195.9 | 91.9 | NA | NA | NA | NA | NA | NA |
| 6/27/2018 | 10.8 | 0.34 | 10.3 | 11.2 | 206.7 | 98.7 | NA | NA | NA | NA | NA | NA |
| 6/28/2018 | 11.1 | 0.26 | 10.9 | 11.8 | 217.8 | 105.8 | NA | NA | NA | NA | NA | NA |
| 6/29/2018 | 11.7 | 0.24 | 11.3 | 12.0 | 229.5 | 113.5 | NA | NA | NA | NA | NA | NA |
| 6/30/2018 | 11.1 | 1.01 | 9.4 | 11.9 | 240.6 | 120.6 | NA | NA | NA | NA | NA | NA |

July

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/1/2018 | 10.2 | 0.45 | 9.5 | 11.2 | 10.2 | 6.2 | NA | NA | NA | NA | NA | NA |
| 7/2/2018 | 10.2 | 0.57 | 9.2 | 10.9 | 20.4 | 12.4 | NA | NA | NA | NA | NA | NA |
| 7/3/2018 | 11.3 | 0.27 | 10.7 | 11.6 | 31.7 | 19.7 | NA | NA | NA | NA | NA | NA |
| 7/4/2018 | 11.0 | 0.35 | 10.3 | 11.4 | 42.7 | 26.7 | NA | NA | NA | NA | NA | NA |
| 7/5/2018 | 11.1 | 0.48 | 10.1 | 11.6 | 53.8 | 33.8 | NA | NA | NA | NA | NA | NA |
| 7/6/2018 | 11.9 | 0.82 | 11.2 | 13.6 | 65.7 | 41.7 | NA | NA | NA | NA | NA | NA |
| 7/7/2018 | 14.4 | 1.44 | 12.4 | 15.8 | 80.1 | 52.1 | NA | NA | NA | NA | NA | NA |
| 7/8/2018 | 15.6 | 0.42 | 14.9 | 15.9 | 95.7 | 63.7 | NA | NA | NA | NA | NA | NA |
| 7/9/2018 | 16.2 | 0.21 | 15.7 | 16.5 | 111.9 | 75.9 | NA | NA | NA | NA | NA | NA |
| 7/10/2018 | 16.6 | 0.19 | 16.4 | 16.9 | 128.5 | 88.5 | NA | NA | NA | NA | NA | NA |
| 7/11/2018 | 15.4 | 1.93 | 12.1 | 16.9 | 143.9 | 99.9 | NA | NA | NA | NA | NA | NA |
| 7/12/2018 | 13.9 | 1.61 | 12.5 | 17.1 | 157.8 | 109.8 | NA | NA | NA | NA | NA | NA |
| 7/13/2018 | 15.4 | 1.06 | 13.7 | 17.2 | 173.2 | 121.2 | NA | NA | NA | NA | NA | NA |
| 7/14/2018 | 14.1 | 0.68 | 13.0 | 15.2 | 187.3 | 131.3 | NA | NA | NA | NA | NA | NA |
| 7/15/2018 | 13.2 | 0.49 | 12.5 | 13.9 | 200.5 | 140.5 | NA | NA | NA | NA | NA | NA |
| 7/16/2018 | 13.4 | 0.74 | 12.6 | 15.1 | 213.9 | 149.9 | NA | NA | NA | NA | NA | NA |
| 7/17/2018 | 13.9 | 0.72 | 13.0 | 14.9 | 227.8 | 159.8 | NA | NA | NA | NA | NA | NA |
| 7/18/2018 | 14.1 | 1.88 | 11.8 | 17.1 | 242.0 | 170.0 | NA | NA | NA | NA | NA | NA |
| 7/19/2018 | 12.8 | 0.56 | 12.1 | 13.6 | 254.7 | 178.7 | NA | NA | NA | NA | NA | NA |
| 7/20/2018 | 14.4 | 0.52 | 13.9 | 15.4 | 269.1 | 189.1 | NA | NA | NA | NA | NA | NA |
| 7/21/2018 | 13.1 | 0.92 | 11.9 | 14.7 | 282.2 | 198.2 | NA | NA | NA | NA | NA | NA |
| 7/22/2018 | 11.9 | 0.60 | 11.2 | 12.9 | 294.2 | 206.2 | NA | NA | NA | NA | NA | NA |
| 7/23/2018 | 13.2 | 0.85 | 12.1 | 14.6 | 307.4 | 215.4 | NA | NA | NA | NA | NA | NA |
| 7/24/2018 | 13.5 | 0.24 | 13.3 | 14.1 | 320.9 | 224.9 | NA | NA | NA | NA | NA | NA |
| 7/25/2018 | 14.1 | 0.89 | 12.4 | 15.1 | 335.0 | 235.0 | NA | NA | NA | NA | NA | NA |
| 7/26/2018 | 15.9 | 1.87 | 14.5 | 19.5 | 351.0 | 247.0 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/27/2018 | 15.8 | 2.48 | 13.2 | 20.0 | 366.8 | 258.8 | NA | NA | NA | NA | NA | NA |
| 7/28/2018 | 14.7 | 0.57 | 14.1 | 15.7 | 381.5 | 269.5 | NA | NA | NA | NA | NA | NA |
| 7/29/2018 | 14.0 | 0.38 | 13.4 | 14.9 | 395.6 | 279.6 | NA | NA | NA | NA | NA | NA |
| 7/30/2018 | 14.4 | 0.56 | 13.4 | 15.3 | 409.9 | 289.9 | NA | NA | NA | NA | NA | NA |
| 7/31/2018 | 16.2 | 0.29 | 15.7 | 16.6 | 426.1 | 302.1 | NA | NA | NA | NA | NA | NA |

August

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/1/2018 | 16.5 | 0.39 | 16.0 | 17.2 | 16.5 | 12.5 | NA | NA | NA | NA | NA | NA |
| 8/2/2018 | 17.7 | 1.68 | 16.2 | 20.7 | 34.2 | 26.2 | NA | NA | NA | NA | NA | NA |
| 8/3/2018 | 16.3 | 0.53 | 15.6 | 17.0 | 50.5 | 38.5 | NA | NA | NA | NA | NA | NA |
| 8/4/2018 | 16.9 | 1.02 | 15.6 | 19.1 | 67.4 | 51.4 | NA | NA | NA | NA | NA | NA |
| 8/5/2018 | 16.1 | 0.78 | 15.1 | 17.2 | 83.5 | 63.5 | NA | NA | NA | NA | NA | NA |
| 8/6/2018 | 16.0 | 1.02 | 14.9 | 18.1 | 99.5 | 75.5 | NA | NA | NA | NA | NA | NA |
| 8/7/2018 | 15.6 | 0.64 | 14.5 | 16.6 | 115.1 | 87.1 | NA | NA | NA | NA | NA | NA |
| 8/8/2018 | 15.2 | 0.69 | 13.8 | 15.9 | 130.3 | 98.3 | NA | NA | NA | NA | NA | NA |
| 8/9/2018 | 15.5 | 1.38 | 14.3 | 18.8 | 145.8 | 109.8 | NA | NA | NA | NA | NA | NA |
| 8/10/2018 | 13.5 | 0.76 | 12.1 | 14.4 | 159.3 | 119.3 | NA | NA | NA | NA | NA | NA |
| 8/11/2018 | 15.8 | 1.15 | 14.3 | 17.4 | 175.1 | 131.1 | NA | NA | NA | NA | NA | NA |
| 8/12/2018 | 16.7 | 0.90 | 15.4 | 17.8 | 191.8 | 143.8 | NA | NA | NA | NA | NA | NA |
| 8/13/2018 | 16.5 | 0.85 | 14.7 | 17.2 | 208.3 | 156.3 | NA | NA | NA | NA | NA | NA |
| 8/14/2018 | 17.3 | 0.49 | 16.2 | 18.2 | 225.6 | 169.6 | NA | NA | NA | NA | NA | NA |
| 8/15/2018 | 14.9 | 1.08 | 13.2 | 17.1 | 240.5 | 180.5 | NA | NA | NA | NA | NA | NA |
| 8/16/2018 | 14.0 | 0.63 | 13.0 | 15.3 | 254.5 | 190.5 | NA | NA | NA | NA | NA | NA |
| 8/17/2018 | 18.1 | 1.20 | 15.3 | 19.3 | 272.5 | 204.5 | NA | NA | NA | NA | NA | NA |
| 8/18/2018 | 17.6 | 1.56 | 15.2 | 19.6 | 290.1 | 218.1 | NA | NA | NA | NA | NA | NA |
| 8/19/2018 | 13.1 | 0.47 | 12.4 | 14.1 | 303.2 | 227.2 | NA | NA | NA | NA | NA | NA |
| 8/20/2018 | 13.7 | 0.79 | 12.9 | 15.3 | 316.9 | 236.9 | NA | NA | NA | NA | NA | NA |
| 8/21/2018 | 12.5 | 0.23 | 12.1 | 12.9 | 329.4 | 245.4 | NA | NA | NA | NA | NA | NA |
| 8/22/2018 | 12.8 | 0.49 | 12.2 | 13.7 | 342.2 | 254.2 | NA | NA | NA | NA | NA | NA |
| 8/23/2018 | 12.1 | 0.41 | 11.3 | 12.6 | 354.2 | 262.2 | NA | NA | NA | NA | NA | NA |
| 8/24/2018 | 13.0 | 0.45 | 12.3 | 13.8 | 367.2 | 271.2 | NA | NA | NA | NA | NA | NA |
| 8/25/2018 | 14.2 | 0.45 | 13.6 | 14.8 | 381.5 | 281.5 | NA | NA | NA | NA | NA | NA |
| 8/26/2018 | 14.7 | 0.39 | 14.1 | 15.4 | 396.2 | 292.2 | NA | NA | NA | NA | NA | NA |
| 8/27/2018 | 14.9 | 0.23 | 14.5 | 15.2 | 411.1 | 303.1 | NA | NA | NA | NA | NA | NA |
| 8/28/2018 | 14.9 | 0.32 | 14.2 | 15.4 | 425.9 | 313.9 | NA | NA | NA | NA | NA | NA |
| 8/29/2018 | 19.1 | 1.97 | 16.2 | 21.3 | 445.1 | 329.1 | NA | NA | NA | NA | NA | NA |
| 8/30/2018 | 19.4 | 1.96 | 16.3 | 21.6 | 464.5 | 344.5 | NA | NA | NA | NA | NA | NA |
| 8/31/2018 | 20.1 | 1.08 | 18.4 | 21.3 | 484.6 | 360.6 | NA | NA | NA | NA | NA | NA |

September

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/1/2018 | 16.6 | 2.56 | 13.5 | 20.2 | 16.6 | 12.6 | NA | NA | NA | NA | NA | NA |
| 9/2/2018 | 13.7 | 0.54 | 13.0 | 14.4 | 30.3 | 22.3 | NA | NA | NA | NA | NA | NA |
| 9/3/2018 | 16.8 | 2.65 | 13.9 | 20.9 | 47.1 | 35.1 | NA | NA | NA | NA | NA | NA |
| 9/4/2018 | 18.3 | 3.40 | 13.4 | 21.1 | 65.4 | 49.4 | NA | NA | NA | NA | NA | NA |
| 9/5/2018 | 14.3 | 0.34 | 13.7 | 14.8 | 79.7 | 59.7 | NA | NA | NA | NA | NA | NA |
| 9/6/2018 | 16.9 | 2.87 | 13.7 | 20.8 | 96.6 | 72.6 | NA | NA | NA | NA | NA | NA |
| 9/7/2018 | 18.7 | 1.62 | 15.0 | 20.3 | 115.3 | 87.3 | NA | NA | NA | NA | NA | NA |
| 9/8/2018 | 19.7 | 0.86 | 18.5 | 20.7 | 135.0 | 103.0 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/9/2018 | 19.8 | 0.59 | 18.6 | 20.3 | 154.8 | 118.8 | NA | NA | NA | NA | NA | NA |
| 9/10/2018 | 19.9 | 0.30 | 19.1 | 20.2 | 174.6 | 134.6 | NA | NA | NA | NA | NA | NA |
| 9/11/2018 | 18.3 | 1.08 | 16.4 | 19.4 | 193.0 | 149.0 | NA | NA | NA | NA | NA | NA |
| 9/12/2018 | 16.5 | 1.99 | 13.6 | 19.6 | 209.4 | 161.4 | NA | NA | NA | NA | NA | NA |
| 9/13/2018 | 19.4 | 0.20 | 18.9 | 19.6 | 228.8 | 176.8 | NA | NA | NA | NA | NA | NA |
| 9/14/2018 | 18.6 | 1.20 | 15.8 | 19.4 | 247.4 | 191.4 | NA | NA | NA | NA | NA | NA |
| 9/15/2018 | 17.4 | 1.45 | 15.3 | 19.1 | 264.8 | 204.8 | NA | NA | NA | NA | NA | NA |
| 9/16/2018 | 18.8 | 1.13 | 16.1 | 19.5 | 283.6 | 219.6 | NA | NA | NA | NA | NA | NA |
| 9/17/2018 | 18.4 | 1.22 | 15.7 | 19.4 | 302.1 | 234.1 | NA | NA | NA | NA | NA | NA |
| 9/18/2018 | 19.6 | 0.34 | 18.8 | 19.8 | 321.6 | 249.6 | NA | NA | NA | NA | NA | NA |
| 9/19/2018 | 16.6 | 1.08 | 14.6 | 18.1 | 338.2 | 262.2 | NA | NA | NA | NA | NA | NA |
| 9/20/2018 | 14.2 | 0.93 | 13.5 | 16.5 | 352.4 | 272.4 | NA | NA | NA | NA | NA | NA |
| 9/21/2018 | 14.6 | 0.99 | 13.1 | 16.5 | 367.0 | 283.0 | NA | NA | NA | NA | NA | NA |
| 9/22/2018 | 16.4 | 1.29 | 14.5 | 17.6 | 383.4 | 295.4 | NA | NA | NA | NA | NA | NA |
| 9/23/2018 | 16.9 | 0.39 | 16.3 | 17.5 | 400.3 | 308.3 | NA | NA | NA | NA | NA | NA |
| 9/24/2018 | 17.1 | 0.12 | 16.9 | 17.3 | 417.3 | 321.3 | NA | NA | NA | NA | NA | NA |
| 9/25/2018 | 16.8 | 0.05 | 16.7 | 16.9 | 434.1 | 334.1 | NA | NA | NA | NA | NA | NA |
| 9/26/2018 | 16.6 | 0.19 | 16.3 | 16.8 | 450.7 | 346.7 | NA | NA | NA | NA | NA | NA |
| 9/27/2018 | 15.3 | 1.87 | 12.3 | 16.7 | 466.0 | 358.0 | NA | NA | NA | NA | NA | NA |
| 9/28/2018 | 14.5 | 0.61 | 13.8 | 15.8 | 480.5 | 368.5 | NA | NA | NA | NA | NA | NA |
| 9/29/2018 | 15.6 | 1.03 | 13.2 | 16.3 | 496.1 | 380.1 | NA | NA | NA | NA | NA | NA |
| 9/30/2018 | 15.8 | 0.40 | 14.9 | 16.2 | 511.9 | 391.9 | NA | NA | NA | NA | NA | NA |

October

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/1/2018 | 16.0 | 0.04 | 15.9 | 16.1 | 16.0 | 12.0 | NA | NA | NA | NA | NA | NA |
| 10/2/2018 | 15.7 | 0.06 | 15.7 | 15.9 | 31.7 | 23.7 | NA | NA | NA | NA | NA | NA |
| 10/3/2018 | 15.0 | 0.86 | 13.6 | 15.7 | 46.8 | 34.8 | NA | NA | NA | NA | NA | NA |
| 10/4/2018 | 11.4 | 1.10 | 8.9 | 13.6 | 58.1 | 42.1 | NA | NA | NA | NA | NA | NA |
| 10/5/2018 | 11.4 | 2.05 | 8.5 | 14.1 | 69.5 | 49.5 | NA | NA | NA | NA | NA | NA |
| 10/6/2018 | 14.7 | 0.40 | 13.9 | 15.1 | 84.2 | 60.2 | NA | NA | NA | NA | NA | NA |
| 10/7/2018 | 14.9 | 0.08 | 14.7 | 15.0 | 99.1 | 71.1 | NA | NA | NA | NA | NA | NA |
| 10/8/2018 | 14.2 | 0.67 | 13.0 | 14.9 | 113.4 | 81.4 | NA | NA | NA | NA | NA | NA |
| 10/9/2018 | 14.6 | 0.13 | 14.2 | 14.7 | 127.9 | 91.9 | NA | NA | NA | NA | NA | NA |
| 10/10/2018 | 14.3 | 0.07 | 14.2 | 14.4 | 142.3 | 102.3 | NA | NA | NA | NA | NA | NA |
| 10/11/2018 | 14.2 | 0.08 | 14.1 | 14.3 | 156.5 | 112.5 | NA | NA | NA | NA | NA | NA |
| 10/12/2018 | 13.6 | 0.30 | 13.3 | 14.0 | 170.1 | 122.1 | NA | NA | NA | NA | NA | NA |
| 10/13/2018 | 13.6 | 0.08 | 13.5 | 13.7 | 183.7 | 131.7 | NA | NA | NA | NA | NA | NA |
| 10/14/2018 | 13.2 | 0.12 | 13.0 | 13.4 | 196.9 | 140.9 | NA | NA | NA | NA | NA | NA |
| 10/15/2018 | 12.9 | 0.06 | 12.8 | 13.0 | 209.8 | 149.8 | NA | NA | NA | NA | NA | NA |
| 10/16/2018 | 12.6 | 0.08 | 12.5 | 12.8 | 222.4 | 158.4 | NA | NA | NA | NA | NA | NA |
| 10/17/2018 | 12.5 | 0.04 | 12.4 | 12.6 | 234.9 | 166.9 | NA | NA | NA | NA | NA | NA |
| 10/18/2018 | 12.2 | 0.16 | 11.9 | 12.4 | 247.1 | 175.1 | NA | NA | NA | NA | NA | NA |
| 10/19/2018 | 11.5 | 0.14 | 11.3 | 11.7 | 258.6 | 182.6 | NA | NA | NA | NA | NA | NA |
| 10/20/2018 | 11.1 | 0.27 | 10.7 | 11.5 | 269.7 | 189.7 | NA | NA | NA | NA | NA | NA |
| 10/21/2018 | 11.3 | 0.18 | 11.0 | 11.5 | 281.0 | 197.0 | NA | NA | NA | NA | NA | NA |
| 10/22/2018 | 11.3 | 0.09 | 11.1 | 11.4 | 292.3 | 204.3 | NA | NA | NA | NA | NA | NA |
| 10/23/2018 | 10.9 | 0.06 | 10.9 | 11.1 | 303.2 | 211.2 | NA | NA | NA | NA | NA | NA |
| 10/24/2018 | 10.8 | 0.16 | 10.6 | 11.0 | 314.0 | 218.0 | NA | NA | NA | NA | NA | NA |
| 10/25/2018 | 10.7 | 0.06 | 10.6 | 10.7 | 324.7 | 224.7 | NA | NA | NA | NA | NA | NA |
| 10/26/2018 | 10.3 | 0.09 | 10.2 | 10.5 | 335.0 | 231.0 | NA | NA | NA | NA | NA | NA |
| 10/27/2018 | 10.0 | 0.06 | 9.9 | 10.2 | 345.0 | 237.0 | NA | NA | NA | NA | NA | NA |
| 10/28/2018 | 9.9 | 0.17 | 9.6 | 10.2 | 355.0 | 243.0 | NA | NA | NA | NA | NA | NA |
| 10/29/2018 | 9.9 | 0.03 | 9.9 | 10.0 | 364.9 | 248.9 | NA | NA | NA | NA | NA | NA |
| 10/30/2018 | 9.9 | 0.01 | 9.9 | 9.9 | 374.8 | 254.8 | NA | NA | NA | NA | NA | NA |

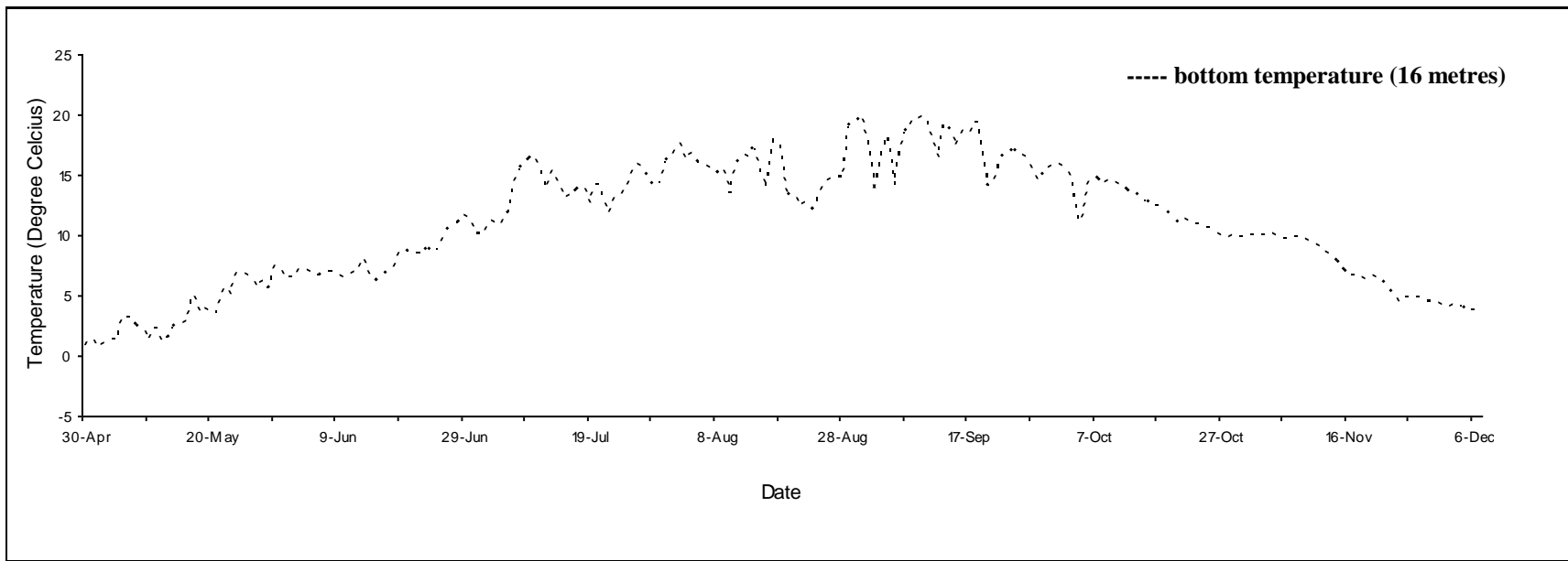
| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/31/2018 | 10.0 | 0.06 | 9.9 | 10.1 | 384.9 | 260.9 | NA | NA | NA | NA | NA | NA |

November

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 11/1/2018 | 10.0 | 0.02 | 9.9 | 10.0 | 10.0 | 6.0 | NA | NA | NA | NA | NA | NA |
| 11/2/2018 | 9.9 | 0.02 | 9.9 | 10.0 | 19.9 | 11.9 | NA | NA | NA | NA | NA | NA |
| 11/3/2018 | 10.0 | 0.07 | 9.9 | 10.1 | 29.9 | 17.9 | NA | NA | NA | NA | NA | NA |
| 11/4/2018 | 10.1 | 0.10 | 9.9 | 10.3 | 40.0 | 24.0 | NA | NA | NA | NA | NA | NA |
| 11/5/2018 | 9.9 | 0.05 | 9.8 | 9.9 | 49.8 | 29.8 | NA | NA | NA | NA | NA | NA |
| 11/6/2018 | 9.8 | 0.02 | 9.7 | 9.8 | 59.6 | 35.6 | NA | NA | NA | NA | NA | NA |
| 11/7/2018 | 9.8 | 0.03 | 9.7 | 9.9 | 69.4 | 41.4 | NA | NA | NA | NA | NA | NA |
| 11/8/2018 | 9.8 | 0.06 | 9.8 | 9.9 | 79.2 | 47.2 | NA | NA | NA | NA | NA | NA |
| 11/9/2018 | 9.6 | 0.07 | 9.6 | 9.7 | 88.8 | 52.8 | NA | NA | NA | NA | NA | NA |
| 11/10/2018 | 9.5 | 0.07 | 9.4 | 9.6 | 98.3 | 58.3 | NA | NA | NA | NA | NA | NA |
| 11/11/2018 | 9.2 | 0.09 | 9.1 | 9.4 | 107.5 | 63.5 | NA | NA | NA | NA | NA | NA |
| 11/12/2018 | 8.8 | 0.12 | 8.6 | 9.0 | 116.4 | 68.4 | NA | NA | NA | NA | NA | NA |
| 11/13/2018 | 8.5 | 0.11 | 8.2 | 8.6 | 124.8 | 72.8 | NA | NA | NA | NA | NA | NA |
| 11/14/2018 | 7.9 | 0.15 | 7.7 | 8.1 | 132.7 | 76.7 | NA | NA | NA | NA | NA | NA |
| 11/15/2018 | 7.2 | 0.32 | 6.8 | 7.7 | 139.9 | 79.9 | NA | NA | NA | NA | NA | NA |
| 11/16/2018 | 6.7 | 0.32 | 6.3 | 7.1 | 146.6 | 82.6 | NA | NA | NA | NA | NA | NA |
| 11/17/2018 | 6.7 | 0.21 | 6.3 | 6.9 | 153.3 | 85.3 | NA | NA | NA | NA | NA | NA |
| 11/18/2018 | 6.5 | 0.08 | 6.3 | 6.5 | 159.7 | 87.7 | NA | NA | NA | NA | NA | NA |
| 11/19/2018 | 6.3 | 0.15 | 6.2 | 6.6 | 166.0 | 90.0 | NA | NA | NA | NA | NA | NA |
| 11/20/2018 | 6.6 | 0.04 | 6.6 | 6.7 | 172.7 | 92.7 | NA | NA | NA | NA | NA | NA |
| 11/21/2018 | 6.5 | 0.15 | 6.3 | 6.7 | 179.2 | 95.2 | NA | NA | NA | NA | NA | NA |
| 11/22/2018 | 6.0 | 0.18 | 5.6 | 6.2 | 185.1 | 97.1 | NA | NA | NA | NA | NA | NA |
| 11/23/2018 | 5.2 | 0.26 | 4.8 | 5.5 | 190.3 | 98.3 | NA | NA | NA | NA | NA | NA |
| 11/24/2018 | 4.5 | 0.16 | 4.3 | 4.7 | 194.8 | 98.8 | NA | NA | NA | NA | NA | NA |
| 11/25/2018 | 4.8 | 0.12 | 4.6 | 4.9 | 199.6 | 99.6 | NA | NA | NA | NA | NA | NA |
| 11/26/2018 | 4.9 | 0.04 | 4.8 | 4.9 | 204.5 | 100.5 | NA | NA | NA | NA | NA | NA |
| 11/27/2018 | 4.9 | 0.11 | 4.7 | 5.1 | 209.4 | 101.4 | NA | NA | NA | NA | NA | NA |
| 11/28/2018 | 4.7 | 0.03 | 4.6 | 4.7 | 214.0 | 102.0 | NA | NA | NA | NA | NA | NA |
| 11/29/2018 | 4.5 | 0.06 | 4.4 | 4.6 | 218.5 | 102.5 | NA | NA | NA | NA | NA | NA |
| 11/30/2018 | 4.4 | 0.02 | 4.4 | 4.5 | 223.0 | 103.0 | NA | NA | NA | NA | NA | NA |

December

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 12/1/2018 | 4.3 | 0.09 | 4.1 | 4.4 | 4.3 | 0.3 | NA | NA | NA | NA | NA | NA |
| 12/2/2018 | 4.1 | 0.02 | 4.1 | 4.2 | 8.4 | 0.4 | NA | NA | NA | NA | NA | NA |
| 12/3/2018 | 4.2 | 0.10 | 4.1 | 4.3 | 12.6 | 0.6 | NA | NA | NA | NA | NA | NA |
| 12/4/2018 | 4.1 | 0.12 | 3.9 | 4.3 | 16.7 | 0.7 | NA | NA | NA | NA | NA | NA |
| 12/5/2018 | 3.8 | 0.06 | 3.7 | 3.9 | 20.5 | 0.7 | NA | NA | NA | NA | NA | NA |
| 12/6/2018 | 3.8 | 0.07 | 3.7 | 3.9 | 24.3 | 0.7 | NA | NA | NA | NA | NA | NA |
| 12/7/2018 | 3.6 | 0.13 | 3.4 | 3.7 | 27.9 | 0.7 | NA | NA | NA | NA | NA | NA |



Daily mean temperature for Jack Shoal, N.S., 2018.

Judique Shoals, N.S.

2018

April

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 4/27/2018 | 2.1 | 0.16 | 2.0 | 2.6 | 2.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/28/2018 | 2.2 | 0.36 | 1.8 | 2.6 | 4.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/29/2018 | 2.0 | 0.71 | 0.5 | 2.6 | 6.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/30/2018 | 0.9 | 0.34 | 0.3 | 1.4 | 7.2 | 0.0 | NA | NA | NA | NA | NA | NA |

May

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 5/1/2018 | 1.8 | 0.29 | 1.3 | 2.3 | 1.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/2/2018 | 1.2 | 0.15 | 1.1 | 1.6 | 3.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/3/2018 | 1.1 | 0.52 | 0.1 | 1.6 | 4.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/4/2018 | 1.0 | 0.45 | 0.1 | 1.4 | 5.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/5/2018 | 2.7 | 1.14 | 1.3 | 4.3 | 7.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/6/2018 | 2.3 | 0.94 | 1.1 | 3.9 | 10.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/7/2018 | 2.6 | 0.65 | 1.7 | 3.3 | 12.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/8/2018 | 2.7 | 0.47 | 1.8 | 3.4 | 15.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/9/2018 | 3.3 | 0.41 | 2.3 | 3.8 | 18.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/10/2018 | 2.6 | 0.38 | 2.0 | 3.3 | 21.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/11/2018 | 2.9 | 1.10 | 1.0 | 3.9 | 24.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/12/2018 | 1.4 | 0.55 | 0.6 | 2.2 | 25.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/13/2018 | 2.6 | 0.26 | 2.1 | 2.9 | 28.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/14/2018 | 3.8 | 0.94 | 2.5 | 5.1 | 31.9 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/15/2018 | 5.3 | 0.90 | 3.2 | 6.7 | 37.2 | 1.3 | NA | NA | NA | NA | NA | NA |
| 5/16/2018 | 2.6 | 1.91 | 1.2 | 6.3 | 39.8 | 1.3 | NA | NA | NA | NA | NA | NA |
| 5/17/2018 | 3.8 | 1.00 | 2.8 | 5.3 | 43.6 | 1.3 | NA | NA | NA | NA | NA | NA |
| 5/18/2018 | 3.8 | 0.79 | 2.6 | 4.8 | 47.4 | 1.3 | NA | NA | NA | NA | NA | NA |
| 5/19/2018 | 3.7 | 0.52 | 2.7 | 4.3 | 51.1 | 1.3 | NA | NA | NA | NA | NA | NA |
| 5/20/2018 | 5.6 | 1.11 | 4.3 | 7.0 | 56.8 | 3.0 | NA | NA | NA | NA | NA | NA |
| 5/21/2018 | 4.8 | 0.59 | 4.2 | 6.0 | 61.6 | 3.8 | NA | NA | NA | NA | NA | NA |
| 5/22/2018 | 4.3 | 0.59 | 3.6 | 5.6 | 65.9 | 4.1 | NA | NA | NA | NA | NA | NA |
| 5/23/2018 | 6.2 | 0.49 | 5.5 | 7.5 | 72.0 | 6.2 | NA | NA | NA | NA | NA | NA |
| 5/24/2018 | 1.6 | 0.78 | 0.7 | 2.9 | 73.6 | 6.2 | NA | NA | NA | NA | NA | NA |
| 5/25/2018 | 4.6 | 1.68 | 2.2 | 6.3 | 78.2 | 6.8 | NA | NA | NA | NA | NA | NA |
| 5/26/2018 | 6.2 | 0.14 | 6.1 | 6.5 | 84.4 | 9.1 | NA | NA | NA | NA | NA | NA |
| 5/27/2018 | 4.4 | 0.75 | 3.1 | 5.2 | 88.9 | 9.5 | NA | NA | NA | NA | NA | NA |
| 5/28/2018 | 6.6 | 0.80 | 5.5 | 7.7 | 95.5 | 12.1 | NA | NA | NA | NA | NA | NA |
| 5/29/2018 | 7.3 | 0.95 | 5.0 | 7.7 | 102.7 | 15.4 | NA | NA | NA | NA | NA | NA |
| 5/30/2018 | 4.3 | 0.57 | 3.4 | 5.1 | 107.0 | 15.7 | NA | NA | NA | NA | NA | NA |
| 5/31/2018 | 4.4 | 0.39 | 3.8 | 5.0 | 111.4 | 16.1 | NA | NA | NA | NA | NA | NA |

June

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/1/2018 | 6.5 | 0.88 | 4.6 | 7.6 | 6.5 | 2.5 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/2/2018 | 7.9 | 0.34 | 7.3 | 8.3 | 14.4 | 6.4 | NA | NA | NA | NA | NA | NA |
| 6/3/2018 | 4.5 | 2.07 | 2.0 | 8.3 | 18.9 | 6.9 | NA | NA | NA | NA | NA | NA |
| 6/4/2018 | 5.2 | 0.73 | 4.0 | 6.4 | 24.1 | 8.1 | NA | NA | NA | NA | NA | NA |
| 6/5/2018 | 6.9 | 0.26 | 6.5 | 7.3 | 31.0 | 11.0 | NA | NA | NA | NA | NA | NA |
| 6/6/2018 | 7.2 | 0.03 | 7.2 | 7.3 | 38.2 | 14.2 | NA | NA | NA | NA | NA | NA |
| 6/7/2018 | 6.8 | 0.19 | 6.5 | 7.1 | 45.0 | 17.0 | NA | NA | NA | NA | NA | NA |
| 6/8/2018 | 7.3 | 0.33 | 6.8 | 7.9 | 52.3 | 20.3 | NA | NA | NA | NA | NA | NA |
| 6/9/2018 | 7.2 | 0.23 | 6.8 | 7.5 | 59.4 | 23.4 | NA | NA | NA | NA | NA | NA |
| 6/10/2018 | 6.9 | 0.32 | 6.4 | 7.4 | 66.3 | 26.3 | NA | NA | NA | NA | NA | NA |
| 6/11/2018 | 6.3 | 0.21 | 6.0 | 6.6 | 72.6 | 28.6 | NA | NA | NA | NA | NA | NA |
| 6/12/2018 | 6.9 | 0.33 | 6.3 | 7.4 | 79.4 | 31.4 | NA | NA | NA | NA | NA | NA |
| 6/13/2018 | 8.4 | 0.89 | 7.1 | 9.2 | 87.8 | 35.8 | NA | NA | NA | NA | NA | NA |
| 6/14/2018 | 7.5 | 0.25 | 7.1 | 7.8 | 95.3 | 39.3 | NA | NA | NA | NA | NA | NA |
| 6/15/2018 | 7.3 | 0.47 | 6.6 | 8.3 | 102.6 | 42.6 | NA | NA | NA | NA | NA | NA |
| 6/16/2018 | 6.9 | 0.33 | 6.5 | 7.4 | 109.5 | 45.5 | NA | NA | NA | NA | NA | NA |
| 6/17/2018 | 6.9 | 0.19 | 6.6 | 7.2 | 116.4 | 48.4 | NA | NA | NA | NA | NA | NA |
| 6/18/2018 | 9.3 | 0.91 | 7.6 | 10.2 | 125.7 | 53.7 | NA | NA | NA | NA | NA | NA |
| 6/19/2018 | 9.8 | 0.34 | 9.0 | 10.2 | 135.6 | 59.6 | NA | NA | NA | NA | NA | NA |
| 6/20/2018 | 9.4 | 0.31 | 8.9 | 9.9 | 145.0 | 65.0 | NA | NA | NA | NA | NA | NA |
| 6/21/2018 | 10.0 | 0.14 | 9.6 | 10.1 | 154.9 | 70.9 | NA | NA | NA | NA | NA | NA |
| 6/22/2018 | 9.6 | 0.29 | 9.1 | 10.1 | 164.5 | 76.5 | NA | NA | NA | NA | NA | NA |
| 6/23/2018 | 10.2 | 0.32 | 9.7 | 11.0 | 174.7 | 82.7 | NA | NA | NA | NA | NA | NA |
| 6/24/2018 | 10.2 | 0.46 | 9.3 | 11.0 | 184.9 | 88.9 | NA | NA | NA | NA | NA | NA |
| 6/25/2018 | 8.7 | 0.44 | 8.1 | 9.5 | 193.6 | 93.6 | NA | NA | NA | NA | NA | NA |
| 6/26/2018 | 7.3 | 0.65 | 6.5 | 8.4 | 200.9 | 96.9 | NA | NA | NA | NA | NA | NA |
| 6/27/2018 | 8.6 | 0.61 | 7.4 | 9.3 | 209.5 | 101.5 | NA | NA | NA | NA | NA | NA |
| 6/28/2018 | 10.2 | 0.46 | 9.4 | 10.8 | 219.7 | 107.7 | NA | NA | NA | NA | NA | NA |
| 6/29/2018 | 12.1 | 0.22 | 11.9 | 12.5 | 231.8 | 115.8 | NA | NA | NA | NA | NA | NA |
| 6/30/2018 | 11.5 | 0.14 | 11.2 | 11.8 | 243.3 | 123.3 | NA | NA | NA | NA | NA | NA |

July

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/1/2018 | 11.9 | 0.46 | 11.3 | 12.4 | 11.9 | 7.9 | NA | NA | NA | NA | NA | NA |
| 7/2/2018 | 11.5 | 0.07 | 11.4 | 11.6 | 23.4 | 15.4 | NA | NA | NA | NA | NA | NA |
| 7/3/2018 | 11.9 | 0.27 | 11.5 | 12.3 | 35.3 | 23.3 | NA | NA | NA | NA | NA | NA |
| 7/4/2018 | 11.4 | 0.36 | 10.9 | 11.9 | 46.6 | 30.6 | NA | NA | NA | NA | NA | NA |
| 7/5/2018 | 11.3 | 0.19 | 10.9 | 11.6 | 57.9 | 37.9 | NA | NA | NA | NA | NA | NA |
| 7/6/2018 | 11.7 | 0.22 | 11.4 | 12.2 | 69.6 | 45.6 | NA | NA | NA | NA | NA | NA |
| 7/7/2018 | 11.7 | 0.32 | 11.2 | 12.2 | 81.3 | 53.3 | NA | NA | NA | NA | NA | NA |
| 7/8/2018 | 14.5 | 1.56 | 11.9 | 16.1 | 95.8 | 63.8 | NA | NA | NA | NA | NA | NA |
| 7/9/2018 | 16.3 | 0.15 | 16.0 | 16.5 | 112.2 | 76.2 | NA | NA | NA | NA | NA | NA |
| 7/10/2018 | 16.7 | 0.09 | 16.5 | 16.9 | 128.9 | 88.9 | NA | NA | NA | NA | NA | NA |
| 7/11/2018 | 16.2 | 0.58 | 15.3 | 16.9 | 145.1 | 101.1 | NA | NA | NA | NA | NA | NA |
| 7/12/2018 | 14.7 | 1.84 | 11.8 | 16.3 | 159.8 | 111.8 | NA | NA | NA | NA | NA | NA |
| 7/13/2018 | 14.2 | 1.13 | 12.2 | 15.4 | 174.1 | 122.1 | NA | NA | NA | NA | NA | NA |
| 7/14/2018 | 16.6 | 0.39 | 15.7 | 17.2 | 190.6 | 134.6 | NA | NA | NA | NA | NA | NA |
| 7/15/2018 | 16.8 | 0.46 | 16.0 | 17.2 | 207.4 | 147.4 | NA | NA | NA | NA | NA | NA |
| 7/16/2018 | 16.0 | 0.32 | 15.4 | 16.4 | 223.4 | 159.4 | NA | NA | NA | NA | NA | NA |
| 7/17/2018 | 15.7 | 0.38 | 14.9 | 16.3 | 239.1 | 171.1 | NA | NA | NA | NA | NA | NA |
| 7/18/2018 | 16.7 | 0.57 | 15.9 | 17.9 | 255.8 | 183.8 | NA | NA | NA | NA | NA | NA |
| 7/19/2018 | 15.0 | 0.84 | 13.8 | 16.2 | 270.8 | 194.8 | NA | NA | NA | NA | NA | NA |
| 7/20/2018 | 15.2 | 0.79 | 13.7 | 16.5 | 286.0 | 206.0 | NA | NA | NA | NA | NA | NA |
| 7/21/2018 | 16.1 | 0.87 | 14.9 | 17.7 | 302.1 | 218.1 | NA | NA | NA | NA | NA | NA |
| 7/22/2018 | 16.2 | 2.61 | 13.1 | 19.1 | 318.3 | 230.3 | NA | NA | NA | NA | NA | NA |
| 7/23/2018 | 13.1 | 0.26 | 12.6 | 13.5 | 331.4 | 239.4 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/24/2018 | 14.1 | 0.48 | 13.1 | 14.9 | 345.5 | 249.5 | NA | NA | NA | NA | NA | NA |
| 7/25/2018 | 15.2 | 0.37 | 14.7 | 15.9 | 360.6 | 260.6 | NA | NA | NA | NA | NA | NA |
| 7/26/2018 | 18.1 | 2.31 | 15.1 | 21.1 | 378.8 | 274.8 | NA | NA | NA | NA | NA | NA |
| 7/27/2018 | 19.4 | 1.80 | 17.1 | 21.1 | 398.2 | 290.2 | NA | NA | NA | NA | NA | NA |
| 7/28/2018 | 17.8 | 1.35 | 15.7 | 20.4 | 416.0 | 304.0 | NA | NA | NA | NA | NA | NA |
| 7/29/2018 | 15.7 | 1.26 | 13.9 | 17.6 | 431.8 | 315.8 | NA | NA | NA | NA | NA | NA |
| 7/30/2018 | 14.7 | 0.64 | 13.7 | 15.9 | 446.5 | 326.5 | NA | NA | NA | NA | NA | NA |
| 7/31/2018 | 16.6 | 0.95 | 15.6 | 18.8 | 463.1 | 339.1 | NA | NA | NA | NA | NA | NA |

August

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/1/2018 | 17.5 | 1.39 | 15.6 | 19.3 | 17.5 | 13.5 | NA | NA | NA | NA | NA | NA |
| 8/2/2018 | 18.7 | 1.60 | 16.2 | 21.5 | 36.2 | 28.2 | NA | NA | NA | NA | NA | NA |
| 8/3/2018 | 18.7 | 1.41 | 16.7 | 21.2 | 54.8 | 42.8 | NA | NA | NA | NA | NA | NA |
| 8/4/2018 | 18.3 | 1.11 | 16.7 | 20.0 | 73.1 | 57.1 | NA | NA | NA | NA | NA | NA |
| 8/5/2018 | 18.3 | 1.40 | 16.2 | 20.0 | 91.4 | 71.4 | NA | NA | NA | NA | NA | NA |
| 8/6/2018 | 17.0 | 1.42 | 15.6 | 20.1 | 108.4 | 84.4 | NA | NA | NA | NA | NA | NA |
| 8/7/2018 | 17.6 | 1.23 | 16.0 | 20.0 | 126.0 | 98.0 | NA | NA | NA | NA | NA | NA |
| 8/8/2018 | 17.1 | 2.05 | 15.1 | 20.7 | 143.1 | 111.1 | NA | NA | NA | NA | NA | NA |
| 8/9/2018 | 16.8 | 2.30 | 14.2 | 21.6 | 159.9 | 123.9 | NA | NA | NA | NA | NA | NA |
| 8/10/2018 | 17.1 | 1.53 | 15.1 | 21.0 | 177.0 | 137.0 | NA | NA | NA | NA | NA | NA |
| 8/11/2018 | 16.2 | 0.92 | 14.6 | 17.6 | 193.2 | 149.2 | NA | NA | NA | NA | NA | NA |
| 8/12/2018 | 19.0 | 1.00 | 17.2 | 20.6 | 212.2 | 164.2 | NA | NA | NA | NA | NA | NA |
| 8/13/2018 | 19.0 | 1.22 | 17.3 | 20.8 | 231.2 | 179.2 | NA | NA | NA | NA | NA | NA |
| 8/14/2018 | 19.9 | 1.09 | 18.1 | 21.3 | 251.2 | 195.2 | NA | NA | NA | NA | NA | NA |
| 8/15/2018 | 20.4 | 1.92 | 17.9 | 23.3 | 271.6 | 211.6 | NA | NA | NA | NA | NA | NA |
| 8/16/2018 | 18.4 | 2.19 | 15.0 | 21.6 | 290.0 | 226.0 | NA | NA | NA | NA | NA | NA |
| 8/17/2018 | 16.1 | 0.70 | 15.0 | 17.0 | 306.1 | 238.1 | NA | NA | NA | NA | NA | NA |
| 8/18/2018 | 20.2 | 1.16 | 17.7 | 22.0 | 326.3 | 254.3 | NA | NA | NA | NA | NA | NA |
| 8/19/2018 | 15.5 | 1.72 | 13.1 | 18.4 | 341.9 | 265.9 | NA | NA | NA | NA | NA | NA |
| 8/20/2018 | 14.6 | 0.70 | 13.0 | 15.4 | 356.5 | 276.5 | NA | NA | NA | NA | NA | NA |
| 8/21/2018 | 13.6 | 0.59 | 12.3 | 14.3 | 370.1 | 286.1 | NA | NA | NA | NA | NA | NA |
| 8/22/2018 | 14.3 | 1.82 | 12.2 | 18.3 | 384.4 | 296.4 | NA | NA | NA | NA | NA | NA |
| 8/23/2018 | 14.6 | 3.05 | 11.9 | 19.9 | 398.9 | 306.9 | NA | NA | NA | NA | NA | NA |
| 8/24/2018 | 12.7 | 0.36 | 12.1 | 13.1 | 411.7 | 315.7 | NA | NA | NA | NA | NA | NA |
| 8/25/2018 | 14.8 | 1.00 | 13.2 | 16.1 | 426.4 | 326.4 | NA | NA | NA | NA | NA | NA |
| 8/26/2018 | 15.0 | 0.59 | 13.9 | 16.0 | 441.5 | 337.5 | NA | NA | NA | NA | NA | NA |
| 8/27/2018 | 16.4 | 1.17 | 14.6 | 18.4 | 457.9 | 349.9 | NA | NA | NA | NA | NA | NA |
| 8/28/2018 | 16.0 | 0.81 | 14.8 | 17.7 | 473.8 | 361.8 | NA | NA | NA | NA | NA | NA |
| 8/29/2018 | 17.3 | 2.65 | 14.5 | 21.6 | 491.1 | 375.1 | NA | NA | NA | NA | NA | NA |
| 8/30/2018 | 18.9 | 1.90 | 16.3 | 21.4 | 510.1 | 390.1 | NA | NA | NA | NA | NA | NA |
| 8/31/2018 | 17.0 | 0.95 | 16.1 | 18.8 | 527.1 | 403.1 | NA | NA | NA | NA | NA | NA |

September

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/1/2018 | 20.1 | 1.08 | 17.9 | 21.3 | 20.1 | 16.1 | NA | NA | NA | NA | NA | NA |
| 9/2/2018 | 20.2 | 0.99 | 18.0 | 21.2 | 40.3 | 32.3 | NA | NA | NA | NA | NA | NA |
| 9/3/2018 | 19.8 | 1.27 | 17.5 | 20.9 | 60.1 | 48.1 | NA | NA | NA | NA | NA | NA |
| 9/4/2018 | 18.8 | 2.57 | 15.3 | 20.9 | 78.8 | 62.8 | NA | NA | NA | NA | NA | NA |
| 9/5/2018 | 17.6 | 1.17 | 16.3 | 20.1 | 96.4 | 76.4 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/6/2018 | 19.2 | 1.67 | 15.4 | 20.8 | 115.6 | 91.6 | NA | NA | NA | NA | NA | NA |
| 9/7/2018 | 18.8 | 1.70 | 15.0 | 20.7 | 134.4 | 106.4 | NA | NA | NA | NA | NA | NA |
| 9/8/2018 | 19.8 | 1.41 | 17.1 | 20.8 | 154.1 | 122.1 | NA | NA | NA | NA | NA | NA |
| 9/9/2018 | 18.9 | 1.42 | 16.8 | 20.3 | 173.1 | 137.1 | NA | NA | NA | NA | NA | NA |
| 9/10/2018 | 19.9 | 0.51 | 18.3 | 20.1 | 193.0 | 153.0 | NA | NA | NA | NA | NA | NA |
| 9/11/2018 | 19.9 | 0.08 | 19.7 | 20.0 | 212.8 | 168.8 | NA | NA | NA | NA | NA | NA |
| 9/12/2018 | 17.8 | 2.80 | 13.9 | 19.8 | 230.7 | 182.7 | NA | NA | NA | NA | NA | NA |
| 9/13/2018 | 16.2 | 0.95 | 14.7 | 17.5 | 246.8 | 194.8 | NA | NA | NA | NA | NA | NA |
| 9/14/2018 | 18.1 | 0.28 | 17.6 | 18.5 | 265.0 | 209.0 | NA | NA | NA | NA | NA | NA |
| 9/15/2018 | 18.9 | 0.69 | 17.6 | 19.5 | 283.8 | 223.8 | NA | NA | NA | NA | NA | NA |
| 9/16/2018 | 18.4 | 0.97 | 16.4 | 19.4 | 302.3 | 238.3 | NA | NA | NA | NA | NA | NA |
| 9/17/2018 | 18.5 | 0.74 | 16.9 | 19.2 | 320.7 | 252.7 | NA | NA | NA | NA | NA | NA |
| 9/18/2018 | 19.4 | 0.37 | 18.3 | 19.6 | 340.1 | 268.1 | NA | NA | NA | NA | NA | NA |
| 9/19/2018 | 17.9 | 0.69 | 16.7 | 18.7 | 358.0 | 282.0 | NA | NA | NA | NA | NA | NA |
| 9/20/2018 | 17.2 | 0.29 | 16.6 | 17.6 | 375.2 | 295.2 | NA | NA | NA | NA | NA | NA |
| 9/21/2018 | 15.1 | 1.07 | 13.8 | 16.6 | 390.3 | 306.3 | NA | NA | NA | NA | NA | NA |
| 9/22/2018 | 17.1 | 1.56 | 13.0 | 17.9 | 407.3 | 319.3 | NA | NA | NA | NA | NA | NA |
| 9/23/2018 | 14.5 | 1.48 | 12.8 | 16.7 | 421.9 | 329.9 | NA | NA | NA | NA | NA | NA |
| 9/24/2018 | 16.1 | 0.82 | 14.3 | 17.0 | 438.0 | 342.0 | NA | NA | NA | NA | NA | NA |
| 9/25/2018 | 16.2 | 0.19 | 15.8 | 16.4 | 454.2 | 354.2 | NA | NA | NA | NA | NA | NA |
| 9/26/2018 | 16.3 | 0.16 | 16.2 | 16.6 | 470.5 | 366.5 | NA | NA | NA | NA | NA | NA |
| 9/27/2018 | 16.5 | 0.02 | 16.5 | 16.5 | 487.0 | 379.0 | NA | NA | NA | NA | NA | NA |
| 9/28/2018 | 16.2 | 0.12 | 16.0 | 16.3 | 503.1 | 391.1 | NA | NA | NA | NA | NA | NA |
| 9/29/2018 | 15.2 | 1.32 | 12.4 | 16.3 | 518.4 | 402.4 | NA | NA | NA | NA | NA | NA |
| 9/30/2018 | 13.9 | 0.68 | 12.6 | 14.6 | 532.2 | 412.2 | NA | NA | NA | NA | NA | NA |

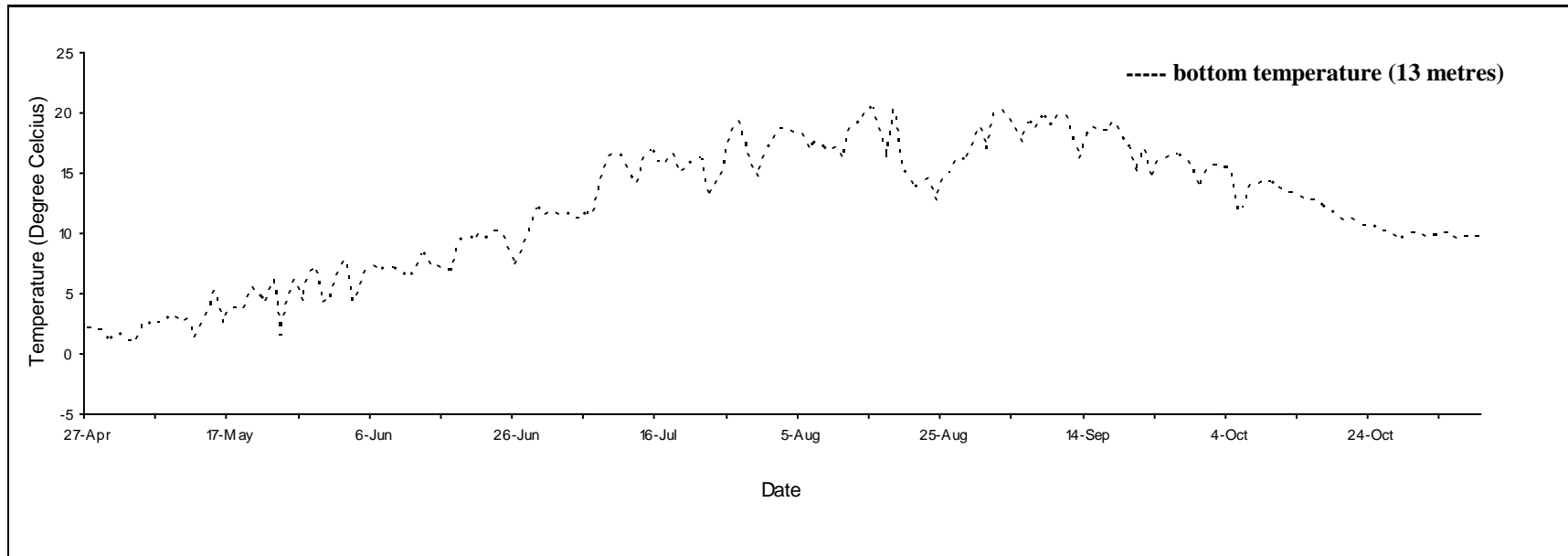
October

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/1/2018 | 15.5 | 0.48 | 14.5 | 15.8 | 15.5 | 11.5 | NA | NA | NA | NA | NA | NA |
| 10/2/2018 | 15.6 | 0.04 | 15.6 | 15.7 | 31.1 | 23.1 | NA | NA | NA | NA | NA | NA |
| 10/3/2018 | 15.5 | 0.09 | 15.4 | 15.6 | 46.6 | 34.6 | NA | NA | NA | NA | NA | NA |
| 10/4/2018 | 15.5 | 0.06 | 15.4 | 15.6 | 62.1 | 46.1 | NA | NA | NA | NA | NA | NA |
| 10/5/2018 | 11.8 | 3.39 | 7.3 | 15.5 | 74.0 | 54.0 | NA | NA | NA | NA | NA | NA |
| 10/6/2018 | 12.2 | 0.86 | 11.0 | 13.6 | 86.1 | 62.1 | NA | NA | NA | NA | NA | NA |
| 10/7/2018 | 14.1 | 0.52 | 13.2 | 14.6 | 100.2 | 72.2 | NA | NA | NA | NA | NA | NA |
| 10/8/2018 | 14.1 | 0.45 | 13.4 | 14.6 | 114.3 | 82.3 | NA | NA | NA | NA | NA | NA |
| 10/9/2018 | 14.4 | 0.05 | 14.4 | 14.5 | 128.8 | 92.8 | NA | NA | NA | NA | NA | NA |
| 10/10/2018 | 14.2 | 0.38 | 13.4 | 14.4 | 143.0 | 103.0 | NA | NA | NA | NA | NA | NA |
| 10/11/2018 | 13.8 | 0.15 | 13.5 | 14.0 | 156.8 | 112.8 | NA | NA | NA | NA | NA | NA |
| 10/12/2018 | 13.6 | 0.22 | 13.3 | 13.9 | 170.4 | 122.4 | NA | NA | NA | NA | NA | NA |
| 10/13/2018 | 13.3 | 0.07 | 13.1 | 13.4 | 183.7 | 131.7 | NA | NA | NA | NA | NA | NA |
| 10/14/2018 | 13.0 | 0.09 | 12.8 | 13.1 | 196.7 | 140.7 | NA | NA | NA | NA | NA | NA |
| 10/15/2018 | 12.7 | 0.06 | 12.6 | 12.8 | 209.4 | 149.4 | NA | NA | NA | NA | NA | NA |
| 10/16/2018 | 12.7 | 0.08 | 12.5 | 12.8 | 222.1 | 158.1 | NA | NA | NA | NA | NA | NA |
| 10/17/2018 | 12.3 | 0.06 | 12.1 | 12.4 | 234.3 | 166.3 | NA | NA | NA | NA | NA | NA |
| 10/18/2018 | 12.0 | 0.16 | 11.8 | 12.2 | 246.4 | 174.4 | NA | NA | NA | NA | NA | NA |
| 10/19/2018 | 11.3 | 0.18 | 11.1 | 11.8 | 257.7 | 181.7 | NA | NA | NA | NA | NA | NA |
| 10/20/2018 | 11.1 | 0.13 | 10.9 | 11.3 | 268.8 | 188.8 | NA | NA | NA | NA | NA | NA |
| 10/21/2018 | 11.3 | 0.06 | 11.2 | 11.4 | 280.1 | 196.1 | NA | NA | NA | NA | NA | NA |
| 10/22/2018 | 11.0 | 0.26 | 10.5 | 11.3 | 291.0 | 203.0 | NA | NA | NA | NA | NA | NA |
| 10/23/2018 | 10.6 | 0.09 | 10.5 | 10.8 | 301.7 | 209.7 | NA | NA | NA | NA | NA | NA |
| 10/24/2018 | 10.7 | 0.16 | 10.2 | 10.9 | 312.4 | 216.4 | NA | NA | NA | NA | NA | NA |
| 10/25/2018 | 10.4 | 0.06 | 10.3 | 10.5 | 322.7 | 222.7 | NA | NA | NA | NA | NA | NA |
| 10/26/2018 | 10.1 | 0.12 | 9.9 | 10.3 | 332.8 | 228.8 | NA | NA | NA | NA | NA | NA |
| 10/27/2018 | 9.8 | 0.06 | 9.7 | 9.9 | 342.6 | 234.6 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/28/2018 | 9.5 | 0.31 | 8.8 | 9.8 | 352.1 | 240.1 | NA | NA | NA | NA | NA | NA |
| 10/29/2018 | 9.8 | 0.09 | 9.7 | 10.0 | 361.9 | 245.9 | NA | NA | NA | NA | NA | NA |
| 10/30/2018 | 10.1 | 0.04 | 10.0 | 10.1 | 372.0 | 252.0 | NA | NA | NA | NA | NA | NA |
| 10/31/2018 | 9.9 | 0.28 | 9.5 | 10.2 | 381.8 | 257.8 | NA | NA | NA | NA | NA | NA |

November

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 11/1/2018 | 9.6 | 0.10 | 9.5 | 9.8 | 9.6 | 5.6 | NA | NA | NA | NA | NA | NA |
| 11/2/2018 | 9.8 | 0.02 | 9.8 | 9.9 | 19.5 | 11.5 | NA | NA | NA | NA | NA | NA |
| 11/3/2018 | 10.0 | 0.11 | 9.8 | 10.1 | 29.4 | 17.4 | NA | NA | NA | NA | NA | NA |
| 11/4/2018 | 10.0 | 0.09 | 9.8 | 10.1 | 39.4 | 23.4 | NA | NA | NA | NA | NA | NA |
| 11/5/2018 | 9.6 | 0.10 | 9.5 | 9.8 | 49.0 | 29.0 | NA | NA | NA | NA | NA | NA |
| 11/6/2018 | 9.6 | 0.02 | 9.6 | 9.6 | 58.6 | 34.6 | NA | NA | NA | NA | NA | NA |
| 11/7/2018 | 9.7 | 0.03 | 9.6 | 9.7 | 68.3 | 40.3 | NA | NA | NA | NA | NA | NA |
| 11/8/2018 | 9.7 | 0.04 | 9.6 | 9.8 | 77.9 | 45.9 | NA | NA | NA | NA | NA | NA |



Daily mean temperature for Judique Shoals, N.S., 2018.

Mabou Harbour, N.S.

2018

April

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 4/27/2018 | 0.3 | 0.18 | 0.1 | 0.6 | 0.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/28/2018 | 0.2 | 0.06 | 0.1 | 0.3 | 0.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/29/2018 | 1.2 | 0.87 | 0.3 | 2.8 | 1.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/30/2018 | 2.5 | 0.05 | 2.4 | 2.6 | 4.2 | 0.0 | NA | NA | NA | NA | NA | NA |

May

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 5/1/2018 | 2.7 | 0.17 | 2.4 | 2.8 | 2.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/2/2018 | 2.4 | 0.04 | 2.3 | 2.4 | 5.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/3/2018 | 3.1 | 0.58 | 2.4 | 3.6 | 8.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/4/2018 | 3.4 | 0.09 | 3.3 | 3.6 | 11.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/5/2018 | 3.4 | 0.13 | 3.1 | 3.5 | 14.9 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/6/2018 | 3.4 | 0.07 | 3.3 | 3.5 | 18.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/7/2018 | 4.0 | 0.42 | 3.4 | 4.6 | 22.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/8/2018 | 3.6 | 0.27 | 3.3 | 4.1 | 25.9 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/9/2018 | 3.3 | 0.30 | 3.0 | 3.8 | 29.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/10/2018 | 3.7 | 0.20 | 3.3 | 3.9 | 32.9 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/11/2018 | 3.6 | 0.26 | 3.1 | 4.0 | 36.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/12/2018 | 4.3 | 0.37 | 3.6 | 4.7 | 40.8 | 0.3 | NA | NA | NA | NA | NA | NA |
| 5/13/2018 | 4.6 | 0.23 | 4.3 | 4.8 | 45.4 | 0.9 | NA | NA | NA | NA | NA | NA |
| 5/14/2018 | 5.1 | 0.35 | 4.7 | 5.5 | 50.5 | 2.0 | NA | NA | NA | NA | NA | NA |
| 5/15/2018 | 5.1 | 0.52 | 4.5 | 5.7 | 55.6 | 3.1 | NA | NA | NA | NA | NA | NA |
| 5/16/2018 | 5.6 | 0.49 | 4.8 | 6.1 | 61.2 | 4.7 | NA | NA | NA | NA | NA | NA |
| 5/17/2018 | 6.1 | 0.22 | 5.8 | 6.5 | 67.3 | 6.7 | NA | NA | NA | NA | NA | NA |
| 5/18/2018 | 6.3 | 0.27 | 5.9 | 6.6 | 73.6 | 9.0 | NA | NA | NA | NA | NA | NA |
| 5/19/2018 | 6.5 | 0.08 | 6.4 | 6.6 | 80.1 | 11.6 | NA | NA | NA | NA | NA | NA |
| 5/20/2018 | 6.0 | 0.17 | 5.8 | 6.3 | 86.1 | 13.6 | NA | NA | NA | NA | NA | NA |
| 5/21/2018 | 6.4 | 0.40 | 6.0 | 7.1 | 92.6 | 16.1 | NA | NA | NA | NA | NA | NA |
| 5/22/2018 | 7.2 | 0.22 | 6.9 | 7.5 | 99.7 | 19.2 | NA | NA | NA | NA | NA | NA |
| 5/23/2018 | 7.4 | 0.08 | 7.2 | 7.5 | 107.1 | 22.6 | NA | NA | NA | NA | NA | NA |
| 5/24/2018 | 7.1 | 0.05 | 7.1 | 7.3 | 114.2 | 25.7 | NA | NA | NA | NA | NA | NA |
| 5/25/2018 | 7.1 | 0.17 | 6.9 | 7.4 | 121.3 | 28.8 | NA | NA | NA | NA | NA | NA |
| 5/26/2018 | 6.9 | 0.77 | 6.1 | 8.0 | 128.2 | 31.7 | NA | NA | NA | NA | NA | NA |
| 5/27/2018 | 7.8 | 0.10 | 7.7 | 8.0 | 136.0 | 35.5 | NA | NA | NA | NA | NA | NA |
| 5/28/2018 | 6.3 | 0.56 | 5.3 | 7.2 | 142.4 | 37.8 | NA | NA | NA | NA | NA | NA |
| 5/29/2018 | 5.1 | 0.59 | 4.8 | 6.8 | 147.5 | 39.0 | NA | NA | NA | NA | NA | NA |
| 5/30/2018 | 7.3 | 1.54 | 5.0 | 9.0 | 154.8 | 42.2 | NA | NA | NA | NA | NA | NA |
| 5/31/2018 | 7.6 | 0.04 | 7.5 | 7.7 | 162.4 | 45.9 | NA | NA | NA | NA | NA | NA |

June

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/1/2018 | 7.2 | 0.29 | 6.8 | 7.6 | 7.2 | 3.2 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/2/2018 | 8.0 | 1.24 | 6.6 | 9.8 | 15.2 | 7.2 | NA | NA | NA | NA | NA | NA |
| 6/3/2018 | 8.8 | 0.23 | 8.4 | 9.2 | 24.0 | 12.0 | NA | NA | NA | NA | NA | NA |
| 6/4/2018 | 8.8 | 0.16 | 8.6 | 9.1 | 32.8 | 16.8 | NA | NA | NA | NA | NA | NA |
| 6/5/2018 | 8.6 | 0.18 | 8.4 | 9.0 | 41.4 | 21.4 | NA | NA | NA | NA | NA | NA |
| 6/6/2018 | 8.0 | 0.26 | 7.6 | 8.3 | 49.4 | 25.4 | NA | NA | NA | NA | NA | NA |
| 6/7/2018 | 7.6 | 0.17 | 7.4 | 8.0 | 56.9 | 28.9 | NA | NA | NA | NA | NA | NA |
| 6/8/2018 | 7.1 | 0.12 | 7.0 | 7.3 | 64.0 | 32.0 | NA | NA | NA | NA | NA | NA |
| 6/9/2018 | 7.6 | 0.67 | 7.0 | 8.8 | 71.6 | 35.6 | NA | NA | NA | NA | NA | NA |
| 6/10/2018 | 8.8 | 0.18 | 8.6 | 9.1 | 80.4 | 40.4 | NA | NA | NA | NA | NA | NA |
| 6/11/2018 | 9.0 | 0.10 | 8.9 | 9.1 | 89.4 | 45.4 | NA | NA | NA | NA | NA | NA |
| 6/12/2018 | 8.9 | 0.15 | 8.5 | 9.1 | 98.3 | 50.3 | NA | NA | NA | NA | NA | NA |
| 6/13/2018 | 7.2 | 0.98 | 6.2 | 8.6 | 105.5 | 53.5 | NA | NA | NA | NA | NA | NA |
| 6/14/2018 | 9.3 | 0.28 | 8.6 | 9.6 | 114.8 | 58.8 | NA | NA | NA | NA | NA | NA |
| 6/15/2018 | 9.1 | 0.02 | 9.1 | 9.2 | 124.0 | 64.0 | NA | NA | NA | NA | NA | NA |
| 6/16/2018 | 9.4 | 0.36 | 9.1 | 10.0 | 133.4 | 69.4 | NA | NA | NA | NA | NA | NA |
| 6/17/2018 | 9.7 | 0.12 | 9.6 | 9.9 | 143.1 | 75.1 | NA | NA | NA | NA | NA | NA |
| 6/18/2018 | 8.4 | 0.86 | 7.4 | 9.6 | 151.5 | 79.5 | NA | NA | NA | NA | NA | NA |
| 6/19/2018 | 8.2 | 0.41 | 7.9 | 9.3 | 159.7 | 83.7 | NA | NA | NA | NA | NA | NA |
| 6/20/2018 | 9.4 | 0.10 | 9.3 | 9.6 | 169.1 | 89.1 | NA | NA | NA | NA | NA | NA |
| 6/21/2018 | 9.9 | 0.17 | 9.6 | 10.3 | 179.0 | 95.0 | NA | NA | NA | NA | NA | NA |
| 6/22/2018 | 10.5 | 0.14 | 10.2 | 10.7 | 189.6 | 101.6 | NA | NA | NA | NA | NA | NA |
| 6/23/2018 | 10.0 | 0.14 | 9.8 | 10.2 | 199.6 | 107.6 | NA | NA | NA | NA | NA | NA |
| 6/24/2018 | 10.1 | 0.26 | 9.9 | 10.6 | 209.7 | 113.7 | NA | NA | NA | NA | NA | NA |
| 6/25/2018 | 11.9 | 0.23 | 11.5 | 12.2 | 221.5 | 121.5 | NA | NA | NA | NA | NA | NA |
| 6/26/2018 | 12.0 | 0.10 | 11.9 | 12.1 | 233.5 | 129.5 | NA | NA | NA | NA | NA | NA |
| 6/27/2018 | 11.9 | 0.03 | 11.9 | 12.0 | 245.4 | 137.4 | NA | NA | NA | NA | NA | NA |
| 6/28/2018 | 10.4 | 1.13 | 8.8 | 11.9 | 255.9 | 143.9 | NA | NA | NA | NA | NA | NA |
| 6/29/2018 | 9.8 | 0.28 | 9.4 | 10.3 | 265.7 | 149.7 | NA | NA | NA | NA | NA | NA |
| 6/30/2018 | 10.4 | 0.59 | 9.7 | 11.6 | 276.1 | 156.1 | NA | NA | NA | NA | NA | NA |

July

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/1/2018 | 12.1 | 1.32 | 10.6 | 14.0 | 12.1 | 8.1 | NA | NA | NA | NA | NA | NA |
| 7/2/2018 | 13.6 | 0.10 | 13.4 | 13.8 | 25.7 | 17.7 | NA | NA | NA | NA | NA | NA |
| 7/3/2018 | 11.8 | 0.98 | 10.6 | 13.4 | 37.5 | 25.5 | NA | NA | NA | NA | NA | NA |
| 7/4/2018 | 11.2 | 1.12 | 10.2 | 13.4 | 48.7 | 32.7 | NA | NA | NA | NA | NA | NA |
| 7/5/2018 | 12.6 | 0.39 | 12.1 | 13.5 | 61.3 | 41.3 | NA | NA | NA | NA | NA | NA |
| 7/6/2018 | 11.1 | 1.00 | 10.1 | 12.7 | 72.3 | 48.3 | NA | NA | NA | NA | NA | NA |
| 7/7/2018 | 11.8 | 1.43 | 10.0 | 13.7 | 84.1 | 56.1 | NA | NA | NA | NA | NA | NA |
| 7/8/2018 | 13.5 | 0.17 | 13.3 | 13.9 | 97.7 | 65.7 | NA | NA | NA | NA | NA | NA |
| 7/9/2018 | 12.4 | 0.88 | 11.1 | 13.2 | 110.1 | 74.1 | NA | NA | NA | NA | NA | NA |
| 7/10/2018 | 12.0 | 0.60 | 11.2 | 13.0 | 122.0 | 82.0 | NA | NA | NA | NA | NA | NA |
| 7/11/2018 | 13.6 | 0.79 | 12.4 | 14.5 | 135.7 | 91.7 | NA | NA | NA | NA | NA | NA |
| 7/12/2018 | 15.0 | 0.75 | 14.1 | 16.3 | 150.7 | 102.7 | NA | NA | NA | NA | NA | NA |
| 7/13/2018 | 14.9 | 0.17 | 14.6 | 15.2 | 165.5 | 113.5 | NA | NA | NA | NA | NA | NA |
| 7/14/2018 | 13.9 | 0.51 | 13.1 | 14.7 | 179.5 | 123.5 | NA | NA | NA | NA | NA | NA |
| 7/15/2018 | 13.0 | 0.49 | 12.2 | 14.0 | 192.4 | 132.4 | NA | NA | NA | NA | NA | NA |
| 7/16/2018 | 12.6 | 0.67 | 11.6 | 14.1 | 205.1 | 141.1 | NA | NA | NA | NA | NA | NA |
| 7/17/2018 | 12.2 | 0.51 | 11.6 | 13.1 | 217.3 | 149.3 | NA | NA | NA | NA | NA | NA |
| 7/18/2018 | 11.3 | 0.51 | 10.8 | 12.5 | 228.6 | 156.6 | NA | NA | NA | NA | NA | NA |
| 7/19/2018 | 13.7 | 1.93 | 11.2 | 16.5 | 242.3 | 166.3 | NA | NA | NA | NA | NA | NA |
| 7/20/2018 | 13.9 | 1.01 | 12.6 | 15.8 | 256.1 | 176.1 | NA | NA | NA | NA | NA | NA |
| 7/21/2018 | 12.9 | 0.70 | 12.2 | 14.1 | 269.1 | 185.1 | NA | NA | NA | NA | NA | NA |
| 7/22/2018 | 12.9 | 0.49 | 12.2 | 13.9 | 282.0 | 194.0 | NA | NA | NA | NA | NA | NA |
| 7/23/2018 | 11.3 | 0.80 | 10.3 | 12.1 | 293.3 | 201.3 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/24/2018 | 10.6 | 0.30 | 10.1 | 11.0 | 303.9 | 207.9 | NA | NA | NA | NA | NA | NA |
| 7/25/2018 | 10.1 | 0.21 | 9.7 | 10.3 | 314.0 | 214.0 | NA | NA | NA | NA | NA | NA |
| 7/26/2018 | 10.9 | 0.66 | 9.8 | 11.9 | 324.9 | 220.9 | NA | NA | NA | NA | NA | NA |
| 7/27/2018 | 10.7 | 0.50 | 10.1 | 11.8 | 335.6 | 227.6 | NA | NA | NA | NA | NA | NA |
| 7/28/2018 | 13.9 | 1.18 | 12.2 | 16.5 | 349.5 | 237.5 | NA | NA | NA | NA | NA | NA |
| 7/29/2018 | 14.7 | 0.64 | 13.9 | 15.9 | 364.2 | 248.2 | NA | NA | NA | NA | NA | NA |
| 7/30/2018 | 15.5 | 0.49 | 14.8 | 16.2 | 379.7 | 259.7 | NA | NA | NA | NA | NA | NA |
| 7/31/2018 | 15.2 | 0.60 | 14.5 | 16.1 | 394.8 | 270.8 | NA | NA | NA | NA | NA | NA |

August

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/1/2018 | 15.4 | 0.57 | 14.6 | 16.2 | 15.4 | 11.4 | NA | NA | NA | NA | NA | NA |
| 8/2/2018 | 11.8 | 1.61 | 8.7 | 14.1 | 27.2 | 19.2 | NA | NA | NA | NA | NA | NA |
| 8/3/2018 | 12.9 | 3.64 | 8.4 | 17.6 | 40.1 | 28.1 | NA | NA | NA | NA | NA | NA |
| 8/4/2018 | 15.8 | 0.79 | 15.0 | 17.4 | 55.8 | 39.8 | NA | NA | NA | NA | NA | NA |
| 8/5/2018 | 16.8 | 1.79 | 15.2 | 20.3 | 72.7 | 52.7 | NA | NA | NA | NA | NA | NA |
| 8/6/2018 | 16.5 | 4.28 | 9.8 | 20.4 | 89.2 | 65.2 | NA | NA | NA | NA | NA | NA |
| 8/7/2018 | 9.2 | 0.65 | 8.3 | 10.2 | 98.4 | 70.4 | NA | NA | NA | NA | NA | NA |
| 8/8/2018 | 11.1 | 1.90 | 9.4 | 14.9 | 109.5 | 77.5 | NA | NA | NA | NA | NA | NA |
| 8/9/2018 | 13.5 | 3.43 | 8.7 | 18.2 | 123.0 | 87.0 | NA | NA | NA | NA | NA | NA |
| 8/10/2018 | 10.4 | 2.90 | 7.9 | 16.8 | 133.4 | 93.4 | NA | NA | NA | NA | NA | NA |
| 8/11/2018 | 15.5 | 1.01 | 13.6 | 16.9 | 148.9 | 104.9 | NA | NA | NA | NA | NA | NA |
| 8/12/2018 | 17.6 | 1.83 | 14.3 | 19.4 | 166.5 | 118.5 | NA | NA | NA | NA | NA | NA |
| 8/13/2018 | 15.4 | 1.19 | 13.9 | 16.8 | 181.9 | 129.9 | NA | NA | NA | NA | NA | NA |
| 8/14/2018 | 14.8 | 0.62 | 14.1 | 15.7 | 196.8 | 140.8 | NA | NA | NA | NA | NA | NA |
| 8/15/2018 | 14.5 | 0.63 | 13.4 | 15.5 | 211.2 | 151.2 | NA | NA | NA | NA | NA | NA |
| 8/16/2018 | 17.6 | 3.26 | 13.2 | 20.8 | 228.8 | 164.8 | NA | NA | NA | NA | NA | NA |
| 8/17/2018 | 19.8 | 0.93 | 17.3 | 20.8 | 248.6 | 180.6 | NA | NA | NA | NA | NA | NA |
| 8/18/2018 | 10.8 | 1.44 | 9.1 | 13.9 | 259.4 | 187.4 | NA | NA | NA | NA | NA | NA |
| 8/19/2018 | 17.7 | 2.13 | 12.7 | 19.3 | 277.2 | 201.2 | NA | NA | NA | NA | NA | NA |
| 8/20/2018 | 15.7 | 3.62 | 12.1 | 19.6 | 292.9 | 212.9 | NA | NA | NA | NA | NA | NA |
| 8/21/2018 | 11.7 | 0.34 | 11.3 | 12.4 | 304.6 | 220.6 | NA | NA | NA | NA | NA | NA |
| 8/22/2018 | 11.4 | 0.16 | 11.2 | 11.7 | 316.0 | 228.0 | NA | NA | NA | NA | NA | NA |
| 8/23/2018 | 11.2 | 0.05 | 11.2 | 11.3 | 327.2 | 235.2 | NA | NA | NA | NA | NA | NA |
| 8/24/2018 | 13.5 | 1.42 | 11.4 | 15.0 | 340.7 | 244.7 | NA | NA | NA | NA | NA | NA |
| 8/25/2018 | 15.6 | 0.33 | 15.0 | 16.0 | 356.3 | 256.3 | NA | NA | NA | NA | NA | NA |
| 8/26/2018 | 15.6 | 0.05 | 15.5 | 15.6 | 371.9 | 267.9 | NA | NA | NA | NA | NA | NA |
| 8/27/2018 | 15.7 | 0.12 | 15.5 | 15.8 | 387.5 | 279.5 | NA | NA | NA | NA | NA | NA |
| 8/28/2018 | 16.1 | 0.26 | 15.7 | 16.4 | 403.6 | 291.6 | NA | NA | NA | NA | NA | NA |
| 8/29/2018 | 15.7 | 1.28 | 13.8 | 17.3 | 419.3 | 303.3 | NA | NA | NA | NA | NA | NA |
| 8/30/2018 | 17.8 | 0.57 | 17.1 | 18.6 | 437.1 | 317.1 | NA | NA | NA | NA | NA | NA |
| 8/31/2018 | 18.6 | 0.13 | 18.4 | 18.8 | 455.7 | 331.7 | NA | NA | NA | NA | NA | NA |

September

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/1/2018 | 18.4 | 0.96 | 15.5 | 18.9 | 18.4 | 14.4 | NA | NA | NA | NA | NA | NA |
| 9/2/2018 | 11.7 | 1.94 | 9.5 | 15.2 | 30.0 | 22.0 | NA | NA | NA | NA | NA | NA |
| 9/3/2018 | 13.5 | 1.88 | 10.5 | 16.0 | 43.6 | 31.6 | NA | NA | NA | NA | NA | NA |
| 9/4/2018 | 14.1 | 0.79 | 13.4 | 15.5 | 57.7 | 41.7 | NA | NA | NA | NA | NA | NA |
| 9/5/2018 | 17.8 | 0.54 | 16.8 | 18.2 | 75.4 | 55.4 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/6/2018 | 13.7 | 2.30 | 11.1 | 16.6 | 89.2 | 65.2 | NA | NA | NA | NA | NA | NA |
| 9/7/2018 | 16.6 | 1.34 | 12.5 | 17.3 | 105.8 | 77.8 | NA | NA | NA | NA | NA | NA |
| 9/8/2018 | 17.2 | 0.20 | 16.9 | 17.6 | 123.0 | 91.0 | NA | NA | NA | NA | NA | NA |
| 9/9/2018 | 17.3 | 0.24 | 17.0 | 17.7 | 140.3 | 104.3 | NA | NA | NA | NA | NA | NA |
| 9/10/2018 | 17.3 | 0.16 | 17.1 | 17.6 | 157.6 | 117.6 | NA | NA | NA | NA | NA | NA |
| 9/11/2018 | 15.9 | 0.93 | 13.8 | 17.1 | 173.5 | 129.5 | NA | NA | NA | NA | NA | NA |
| 9/12/2018 | 14.2 | 1.97 | 11.0 | 16.7 | 187.7 | 139.7 | NA | NA | NA | NA | NA | NA |
| 9/13/2018 | 15.8 | 0.16 | 15.5 | 16.1 | 203.5 | 151.5 | NA | NA | NA | NA | NA | NA |
| 9/14/2018 | 15.8 | 0.26 | 15.3 | 16.2 | 219.3 | 163.3 | NA | NA | NA | NA | NA | NA |
| 9/15/2018 | 15.4 | 0.71 | 14.4 | 16.5 | 234.7 | 174.7 | NA | NA | NA | NA | NA | NA |
| 9/16/2018 | 15.9 | 1.06 | 14.6 | 17.6 | 250.5 | 186.5 | NA | NA | NA | NA | NA | NA |
| 9/17/2018 | 14.8 | 1.23 | 13.3 | 16.8 | 265.4 | 197.4 | NA | NA | NA | NA | NA | NA |
| 9/18/2018 | 14.5 | 1.56 | 13.1 | 16.7 | 279.8 | 207.8 | NA | NA | NA | NA | NA | NA |
| 9/19/2018 | 16.3 | 0.22 | 16.0 | 16.6 | 296.1 | 220.1 | NA | NA | NA | NA | NA | NA |
| 9/20/2018 | 15.8 | 0.30 | 15.4 | 16.2 | 311.9 | 231.9 | NA | NA | NA | NA | NA | NA |
| 9/21/2018 | 14.6 | 1.90 | 10.2 | 15.7 | 326.5 | 242.5 | NA | NA | NA | NA | NA | NA |
| 9/22/2018 | 6.4 | 1.05 | 5.3 | 9.1 | 332.9 | 244.9 | NA | NA | NA | NA | NA | NA |
| 9/23/2018 | 8.3 | 1.29 | 6.8 | 10.7 | 341.2 | 249.2 | NA | NA | NA | NA | NA | NA |
| 9/24/2018 | 11.1 | 0.30 | 10.7 | 11.8 | 352.3 | 256.3 | NA | NA | NA | NA | NA | NA |
| 9/25/2018 | 12.2 | 0.42 | 11.4 | 12.6 | 364.5 | 264.5 | NA | NA | NA | NA | NA | NA |
| 9/26/2018 | 11.9 | 0.48 | 11.3 | 12.5 | 376.4 | 272.4 | NA | NA | NA | NA | NA | NA |
| 9/27/2018 | 11.6 | 0.48 | 11.1 | 12.5 | 388.0 | 280.0 | NA | NA | NA | NA | NA | NA |
| 9/28/2018 | 12.2 | 0.27 | 11.7 | 12.4 | 400.2 | 288.2 | NA | NA | NA | NA | NA | NA |
| 9/29/2018 | 12.3 | 0.10 | 12.2 | 12.4 | 412.5 | 296.5 | NA | NA | NA | NA | NA | NA |
| 9/30/2018 | 12.3 | 0.05 | 12.2 | 12.4 | 424.8 | 304.8 | NA | NA | NA | NA | NA | NA |

October

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/1/2018 | 12.3 | 0.02 | 12.3 | 12.4 | 12.3 | 8.3 | NA | NA | NA | NA | NA | NA |
| 10/2/2018 | 12.4 | 0.05 | 12.4 | 12.5 | 24.8 | 16.8 | NA | NA | NA | NA | NA | NA |
| 10/3/2018 | 12.5 | 0.05 | 12.4 | 12.6 | 37.3 | 25.3 | NA | NA | NA | NA | NA | NA |
| 10/4/2018 | 12.5 | 0.12 | 12.4 | 12.7 | 49.8 | 33.8 | NA | NA | NA | NA | NA | NA |
| 10/5/2018 | 12.6 | 0.04 | 12.6 | 12.7 | 62.4 | 42.4 | NA | NA | NA | NA | NA | NA |
| 10/6/2018 | 12.5 | 0.04 | 12.5 | 12.6 | 75.0 | 51.0 | NA | NA | NA | NA | NA | NA |
| 10/7/2018 | 12.5 | 0.06 | 12.4 | 12.5 | 87.4 | 59.4 | NA | NA | NA | NA | NA | NA |
| 10/8/2018 | 12.3 | 0.04 | 12.2 | 12.3 | 99.7 | 67.7 | NA | NA | NA | NA | NA | NA |
| 10/9/2018 | 12.2 | 0.03 | 12.2 | 12.3 | 111.9 | 75.9 | NA | NA | NA | NA | NA | NA |
| 10/10/2018 | 12.2 | 0.04 | 12.1 | 12.3 | 124.2 | 84.2 | NA | NA | NA | NA | NA | NA |
| 10/11/2018 | 11.9 | 0.09 | 11.8 | 12.1 | 136.1 | 92.1 | NA | NA | NA | NA | NA | NA |
| 10/12/2018 | 11.6 | 0.13 | 11.4 | 11.8 | 147.7 | 99.7 | NA | NA | NA | NA | NA | NA |
| 10/13/2018 | 11.4 | 0.27 | 10.8 | 11.7 | 159.1 | 107.1 | NA | NA | NA | NA | NA | NA |
| 10/14/2018 | 10.9 | 0.27 | 10.6 | 11.4 | 170.0 | 114.0 | NA | NA | NA | NA | NA | NA |
| 10/15/2018 | 10.9 | 0.17 | 10.7 | 11.2 | 180.9 | 120.9 | NA | NA | NA | NA | NA | NA |
| 10/16/2018 | 11.0 | 0.10 | 10.9 | 11.1 | 192.0 | 128.0 | NA | NA | NA | NA | NA | NA |
| 10/17/2018 | 10.6 | 0.06 | 10.6 | 10.8 | 202.6 | 134.6 | NA | NA | NA | NA | NA | NA |
| 10/18/2018 | 10.2 | 0.24 | 9.9 | 10.6 | 212.8 | 140.8 | NA | NA | NA | NA | NA | NA |
| 10/19/2018 | 9.8 | 0.11 | 9.8 | 10.1 | 222.7 | 146.7 | NA | NA | NA | NA | NA | NA |
| 10/20/2018 | 9.7 | 0.04 | 9.7 | 9.8 | 232.4 | 152.4 | NA | NA | NA | NA | NA | NA |
| 10/21/2018 | 9.7 | 0.10 | 9.5 | 9.8 | 242.1 | 158.1 | NA | NA | NA | NA | NA | NA |
| 10/22/2018 | 9.3 | 0.29 | 8.7 | 9.6 | 251.5 | 163.5 | NA | NA | NA | NA | NA | NA |
| 10/23/2018 | 9.2 | 0.08 | 9.0 | 9.3 | 260.6 | 168.6 | NA | NA | NA | NA | NA | NA |
| 10/24/2018 | 8.7 | 0.26 | 8.2 | 8.9 | 269.3 | 173.3 | NA | NA | NA | NA | NA | NA |
| 10/25/2018 | 8.8 | 0.21 | 8.4 | 9.0 | 278.1 | 178.1 | NA | NA | NA | NA | NA | NA |
| 10/26/2018 | 8.1 | 0.26 | 7.7 | 8.5 | 286.2 | 182.2 | NA | NA | NA | NA | NA | NA |
| 10/27/2018 | 7.5 | 0.33 | 7.0 | 8.0 | 293.7 | 185.7 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/28/2018 | 7.2 | 0.22 | 6.8 | 7.5 | 300.9 | 188.9 | NA | NA | NA | NA | NA | NA |
| 10/29/2018 | 7.7 | 0.13 | 7.5 | 7.9 | 308.6 | 192.6 | NA | NA | NA | NA | NA | NA |
| 10/30/2018 | 7.8 | 0.05 | 7.7 | 7.9 | 316.5 | 196.5 | NA | NA | NA | NA | NA | NA |
| 10/31/2018 | 7.7 | 0.11 | 7.5 | 7.9 | 324.2 | 200.2 | NA | NA | NA | NA | NA | NA |

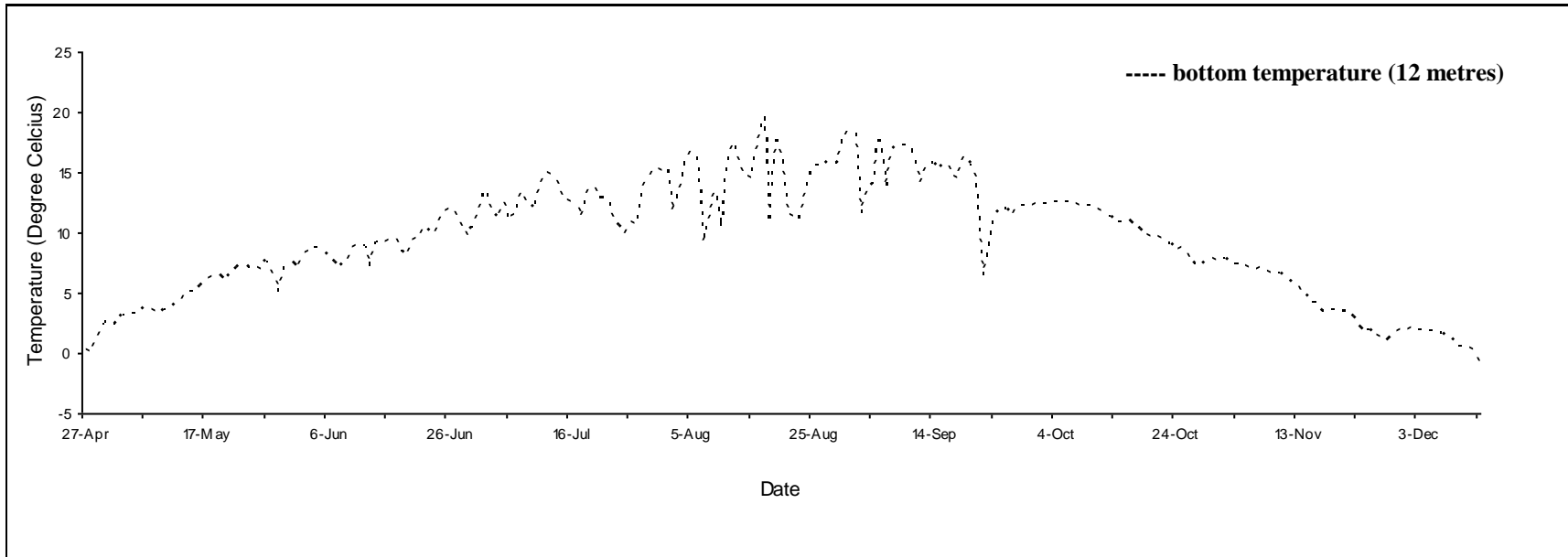
November

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 11/1/2018 | 7.8 | 0.09 | 7.8 | 8.0 | 7.8 | 3.8 | NA | NA | NA | NA | NA | NA |
| 11/2/2018 | 7.6 | 0.13 | 7.5 | 7.8 | 15.4 | 7.4 | NA | NA | NA | NA | NA | NA |
| 11/3/2018 | 7.4 | 0.06 | 7.4 | 7.6 | 22.9 | 10.9 | NA | NA | NA | NA | NA | NA |
| 11/4/2018 | 7.4 | 0.09 | 7.2 | 7.5 | 30.2 | 14.2 | NA | NA | NA | NA | NA | NA |
| 11/5/2018 | 7.1 | 0.05 | 7.0 | 7.2 | 37.4 | 17.4 | NA | NA | NA | NA | NA | NA |
| 11/6/2018 | 7.0 | 0.02 | 7.0 | 7.1 | 44.4 | 20.4 | NA | NA | NA | NA | NA | NA |
| 11/7/2018 | 7.1 | 0.02 | 7.1 | 7.1 | 51.5 | 23.5 | NA | NA | NA | NA | NA | NA |
| 11/8/2018 | 6.9 | 0.21 | 6.6 | 7.2 | 58.4 | 26.4 | NA | NA | NA | NA | NA | NA |
| 11/9/2018 | 6.7 | 0.08 | 6.6 | 6.9 | 65.1 | 29.1 | NA | NA | NA | NA | NA | NA |
| 11/10/2018 | 6.7 | 0.06 | 6.7 | 6.9 | 71.8 | 31.8 | NA | NA | NA | NA | NA | NA |
| 11/11/2018 | 6.4 | 0.21 | 6.0 | 6.7 | 78.2 | 34.2 | NA | NA | NA | NA | NA | NA |
| 11/12/2018 | 5.9 | 0.04 | 5.8 | 6.0 | 84.1 | 36.1 | NA | NA | NA | NA | NA | NA |
| 11/13/2018 | 5.7 | 0.10 | 5.5 | 5.8 | 89.8 | 37.8 | NA | NA | NA | NA | NA | NA |
| 11/14/2018 | 5.0 | 0.31 | 4.4 | 5.5 | 94.8 | 38.8 | NA | NA | NA | NA | NA | NA |
| 11/15/2018 | 4.3 | 0.33 | 3.8 | 4.8 | 99.1 | 39.1 | NA | NA | NA | NA | NA | NA |
| 11/16/2018 | 4.2 | 0.18 | 4.0 | 4.5 | 103.3 | 39.3 | NA | NA | NA | NA | NA | NA |
| 11/17/2018 | 3.4 | 0.20 | 3.3 | 3.9 | 106.7 | 39.3 | NA | NA | NA | NA | NA | NA |
| 11/18/2018 | 3.5 | 0.32 | 3.1 | 4.0 | 110.2 | 39.3 | NA | NA | NA | NA | NA | NA |
| 11/19/2018 | 3.6 | 0.06 | 3.4 | 3.6 | 113.8 | 39.3 | NA | NA | NA | NA | NA | NA |
| 11/20/2018 | 3.5 | 0.20 | 3.1 | 3.7 | 117.4 | 39.3 | NA | NA | NA | NA | NA | NA |
| 11/21/2018 | 3.5 | 0.10 | 3.3 | 3.6 | 120.8 | 39.3 | NA | NA | NA | NA | NA | NA |
| 11/22/2018 | 3.0 | 0.21 | 2.7 | 3.3 | 123.8 | 39.3 | NA | NA | NA | NA | NA | NA |
| 11/23/2018 | 2.2 | 0.36 | 1.6 | 2.6 | 126.0 | 39.3 | NA | NA | NA | NA | NA | NA |
| 11/24/2018 | 1.8 | 0.20 | 1.4 | 2.1 | 127.8 | 39.3 | NA | NA | NA | NA | NA | NA |
| 11/25/2018 | 2.0 | 0.06 | 1.9 | 2.2 | 129.8 | 39.3 | NA | NA | NA | NA | NA | NA |
| 11/26/2018 | 1.5 | 0.31 | 0.9 | 2.0 | 131.2 | 39.3 | NA | NA | NA | NA | NA | NA |
| 11/27/2018 | 1.2 | 0.19 | 0.7 | 1.4 | 132.5 | 39.3 | NA | NA | NA | NA | NA | NA |
| 11/28/2018 | 1.1 | 0.10 | 0.9 | 1.2 | 133.6 | 39.3 | NA | NA | NA | NA | NA | NA |
| 11/29/2018 | 1.7 | 0.32 | 1.2 | 2.2 | 135.2 | 39.3 | NA | NA | NA | NA | NA | NA |
| 11/30/2018 | 2.0 | 0.04 | 1.9 | 2.0 | 137.2 | 39.3 | NA | NA | NA | NA | NA | NA |

December

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 12/1/2018 | 2.0 | 0.07 | 1.9 | 2.1 | 2.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/2/2018 | 2.1 | 0.04 | 2.0 | 2.1 | 4.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/3/2018 | 1.9 | 0.07 | 1.9 | 2.0 | 6.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/4/2018 | 2.0 | 0.11 | 1.8 | 2.1 | 8.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/5/2018 | 1.8 | 0.03 | 1.7 | 1.8 | 9.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/6/2018 | 1.7 | 0.02 | 1.7 | 1.8 | 11.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/7/2018 | 1.6 | 0.03 | 1.6 | 1.7 | 13.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/8/2018 | 1.4 | 0.25 | 1.0 | 1.7 | 14.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/9/2018 | 0.7 | 0.13 | 0.5 | 0.9 | 15.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/10/2018 | 0.7 | 0.11 | 0.5 | 0.8 | 16.0 | 0.0 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 12/11/2018 | 0.5 | 0.08 | 0.4 | 0.6 | 16.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/12/2018 | 0.3 | 0.36 | -0.4 | 0.6 | 16.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/13/2018 | -0.7 | 0.13 | -0.9 | -0.5 | 16.8 | 0.0 | NA | NA | NA | NA | NA | NA |



Daily mean temperature for Mabou Harbour, N.S., 2018.

Malpeque, P.E.I.

2018

April

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 4/28/2018 | 0.2 | 0.03 | 0.2 | 0.3 | 0.2 | 0.0 | 1.2 | 0.45 | 0.6 | 2.0 | 1.2 | 0.0 |
| 4/29/2018 | 0.1 | 0.13 | -0.1 | 0.3 | 0.3 | 0.0 | 2.5 | 0.38 | 1.8 | 2.9 | 3.7 | 0.0 |
| 4/30/2018 | 0.6 | 0.42 | 0.1 | 1.4 | 0.9 | 0.0 | 2.5 | 0.19 | 2.1 | 2.8 | 6.1 | 0.0 |

May

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 5/1/2018 | 0.7 | 0.20 | 0.4 | 0.9 | 0.7 | 0.0 | 2.5 | 0.53 | 1.9 | 3.4 | 2.5 | 0.0 |
| 5/2/2018 | 1.5 | 0.42 | 0.9 | 2.0 | 2.2 | 0.0 | 3.3 | 0.56 | 2.5 | 4.1 | 5.8 | 0.0 |
| 5/3/2018 | 2.6 | 0.52 | 1.9 | 3.1 | 4.8 | 0.0 | 4.2 | 0.48 | 3.5 | 5.0 | 10.0 | 0.2 |
| 5/4/2018 | 2.2 | 0.19 | 1.9 | 2.5 | 6.9 | 0.0 | 3.9 | 0.71 | 3.0 | 4.9 | 13.9 | 0.2 |
| 5/5/2018 | 2.0 | 0.75 | 0.7 | 3.0 | 9.0 | 0.0 | 3.1 | 0.65 | 1.7 | 3.9 | 17.0 | 0.2 |
| 5/6/2018 | 3.2 | 0.09 | 3.0 | 3.4 | 12.2 | 0.0 | 3.6 | 0.38 | 3.2 | 4.3 | 20.6 | 0.2 |
| 5/7/2018 | 3.1 | 0.06 | 3.0 | 3.1 | 15.3 | 0.0 | 3.8 | 0.63 | 3.0 | 4.8 | 24.5 | 0.2 |
| 5/8/2018 | 2.9 | 0.22 | 2.6 | 3.2 | 18.2 | 0.0 | 4.1 | 0.58 | 3.4 | 5.6 | 28.5 | 0.3 |
| 5/9/2018 | 3.1 | 0.17 | 2.8 | 3.5 | 21.2 | 0.0 | 4.7 | 0.40 | 4.1 | 5.6 | 33.3 | 1.0 |
| 5/10/2018 | 2.6 | 0.12 | 2.5 | 2.9 | 23.9 | 0.0 | 4.7 | 0.29 | 4.1 | 5.1 | 37.9 | 1.7 |
| 5/11/2018 | 3.0 | 0.67 | 2.4 | 4.0 | 26.9 | 0.0 | 4.2 | 0.42 | 3.7 | 4.9 | 42.2 | 1.9 |
| 5/12/2018 | 4.7 | 0.31 | 4.0 | 5.0 | 31.6 | 0.7 | 4.9 | 0.27 | 4.6 | 5.4 | 47.0 | 2.8 |
| 5/13/2018 | 5.3 | 0.19 | 4.9 | 5.5 | 36.9 | 1.9 | 5.5 | 0.22 | 5.2 | 5.8 | 52.5 | 4.2 |
| 5/14/2018 | 5.3 | 0.25 | 5.0 | 5.7 | 42.2 | 3.3 | 5.9 | 0.37 | 5.5 | 6.6 | 58.4 | 6.1 |
| 5/15/2018 | 5.2 | 0.10 | 5.1 | 5.4 | 47.3 | 4.4 | 6.4 | 0.37 | 5.9 | 7.2 | 64.7 | 8.5 |
| 5/16/2018 | 5.3 | 0.24 | 5.0 | 5.7 | 52.7 | 5.8 | 6.5 | 0.68 | 5.9 | 8.0 | 71.2 | 11.0 |
| 5/17/2018 | 4.2 | 0.89 | 3.0 | 5.4 | 56.9 | 6.0 | 6.1 | 0.14 | 5.9 | 6.4 | 77.3 | 13.1 |
| 5/18/2018 | 5.5 | 0.70 | 4.4 | 6.3 | 62.4 | 7.5 | 6.2 | 0.39 | 5.9 | 7.4 | 83.5 | 15.3 |
| 5/19/2018 | 6.1 | 0.09 | 5.9 | 6.2 | 68.4 | 9.5 | 6.4 | 0.60 | 5.9 | 7.7 | 90.0 | 17.7 |
| 5/20/2018 | 4.6 | 0.61 | 3.9 | 5.5 | 73.1 | 10.2 | 6.3 | 0.24 | 5.9 | 6.7 | 96.3 | 20.0 |
| 5/21/2018 | 5.7 | 1.02 | 4.5 | 7.5 | 78.7 | 11.8 | 6.7 | 0.44 | 6.2 | 7.3 | 103.0 | 22.7 |
| 5/22/2018 | 7.0 | 0.11 | 6.9 | 7.2 | 85.7 | 14.8 | 7.4 | 0.90 | 6.7 | 9.1 | 110.4 | 26.2 |
| 5/23/2018 | 7.0 | 0.29 | 6.6 | 7.4 | 92.8 | 17.8 | 7.6 | 0.38 | 7.2 | 8.5 | 118.1 | 29.8 |
| 5/24/2018 | 7.5 | 0.10 | 7.3 | 7.7 | 100.3 | 21.4 | 7.6 | 0.17 | 7.4 | 7.9 | 125.7 | 33.4 |
| 5/25/2018 | 7.4 | 0.06 | 7.3 | 7.5 | 107.7 | 24.8 | 7.9 | 0.25 | 7.7 | 8.5 | 133.6 | 37.3 |
| 5/26/2018 | 7.1 | 0.20 | 6.9 | 7.6 | 114.8 | 27.9 | 8.1 | 0.07 | 7.9 | 8.2 | 141.7 | 41.4 |
| 5/27/2018 | 6.7 | 0.36 | 6.0 | 7.3 | 121.5 | 30.6 | 8.6 | 0.73 | 7.8 | 9.9 | 150.3 | 46.0 |
| 5/28/2018 | 6.2 | 0.54 | 5.3 | 6.9 | 127.8 | 32.9 | 8.9 | 0.32 | 8.5 | 9.5 | 159.2 | 50.9 |
| 5/29/2018 | 4.4 | 0.19 | 4.2 | 4.8 | 132.2 | 33.3 | 9.0 | 0.23 | 8.7 | 9.4 | 168.2 | 56.0 |
| 5/30/2018 | 5.0 | 0.48 | 4.4 | 5.9 | 137.2 | 34.3 | 9.3 | 0.42 | 8.9 | 10.1 | 177.6 | 61.3 |
| 5/31/2018 | 5.1 | 0.27 | 4.7 | 5.5 | 142.3 | 35.4 | 9.2 | 0.29 | 8.7 | 9.7 | 186.8 | 66.5 |

June

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/1/2018 | 5.6 | 0.27 | 5.2 | 6.0 | 5.6 | 1.6 | 9.5 | 0.59 | 8.8 | 10.5 | 9.5 | 5.5 |
| 6/2/2018 | 7.7 | 2.24 | 5.2 | 10.3 | 13.3 | 5.3 | 10.2 | 0.26 | 9.6 | 10.6 | 19.7 | 11.7 |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/3/2018 | 9.2 | 0.24 | 8.9 | 9.6 | 22.5 | 10.5 | 9.4 | 0.23 | 8.9 | 9.7 | 29.1 | 17.1 |
| 6/4/2018 | 8.6 | 0.19 | 8.3 | 8.9 | 31.1 | 15.1 | 9.6 | 0.47 | 8.9 | 10.2 | 38.6 | 22.6 |
| 6/5/2018 | 8.0 | 0.43 | 7.2 | 8.7 | 39.1 | 19.1 | 9.3 | 0.41 | 8.7 | 10.0 | 48.0 | 28.0 |
| 6/6/2018 | 6.9 | 0.07 | 6.8 | 7.1 | 46.0 | 22.0 | 9.3 | 0.19 | 9.1 | 9.6 | 57.3 | 33.3 |
| 6/7/2018 | 6.8 | 0.08 | 6.7 | 6.9 | 52.8 | 24.8 | 9.3 | 0.57 | 8.5 | 10.3 | 66.6 | 38.6 |
| 6/8/2018 | 6.5 | 0.10 | 6.3 | 6.7 | 59.2 | 27.2 | 8.9 | 0.44 | 8.4 | 9.8 | 75.5 | 43.5 |
| 6/9/2018 | 6.5 | 0.05 | 6.4 | 6.6 | 65.7 | 29.7 | 9.0 | 0.26 | 8.6 | 9.4 | 84.5 | 48.5 |
| 6/10/2018 | 7.6 | 1.26 | 6.5 | 9.5 | 73.3 | 33.3 | 9.4 | 0.16 | 9.1 | 9.6 | 93.9 | 53.9 |
| 6/11/2018 | 9.3 | 0.55 | 8.2 | 9.8 | 82.6 | 38.6 | 9.3 | 0.23 | 9.0 | 9.6 | 103.2 | 59.2 |
| 6/12/2018 | 9.0 | 0.70 | 7.6 | 9.5 | 91.5 | 43.5 | 10.0 | 0.38 | 9.6 | 10.8 | 113.2 | 65.2 |
| 6/13/2018 | 8.2 | 0.96 | 7.1 | 9.5 | 99.8 | 47.8 | 10.0 | 0.45 | 9.3 | 10.8 | 123.2 | 71.2 |
| 6/14/2018 | 7.4 | 0.11 | 7.2 | 7.6 | 107.1 | 51.1 | 9.2 | 0.54 | 8.8 | 10.6 | 132.5 | 76.5 |
| 6/15/2018 | 8.3 | 0.72 | 7.3 | 9.0 | 115.4 | 55.4 | 9.5 | 0.67 | 8.7 | 10.8 | 141.9 | 81.9 |
| 6/16/2018 | 9.4 | 0.62 | 8.7 | 10.5 | 124.8 | 60.8 | 10.1 | 0.55 | 9.5 | 11.2 | 152.1 | 88.1 |
| 6/17/2018 | 9.5 | 0.21 | 9.1 | 9.7 | 134.3 | 66.3 | 10.9 | 0.83 | 10.0 | 12.4 | 163.0 | 95.0 |
| 6/18/2018 | 7.9 | 0.97 | 6.8 | 9.5 | 142.3 | 70.3 | 10.1 | 0.66 | 9.3 | 11.2 | 173.1 | 101.1 |
| 6/19/2018 | 7.3 | 1.03 | 6.4 | 10.1 | 149.6 | 73.6 | 10.2 | 0.67 | 9.6 | 11.6 | 183.3 | 107.3 |
| 6/20/2018 | 10.2 | 0.71 | 9.1 | 11.1 | 159.8 | 79.8 | 10.9 | 0.58 | 10.4 | 11.9 | 194.2 | 114.2 |
| 6/21/2018 | 10.4 | 0.25 | 10.1 | 10.7 | 170.3 | 86.3 | 10.8 | 0.36 | 10.5 | 11.6 | 205.0 | 121.0 |
| 6/22/2018 | 9.9 | 0.08 | 9.8 | 10.1 | 180.2 | 92.2 | 11.2 | 0.24 | 10.8 | 11.5 | 216.2 | 128.2 |
| 6/23/2018 | 9.7 | 0.39 | 9.3 | 10.4 | 189.9 | 97.9 | 12.0 | 0.30 | 11.5 | 12.4 | 228.2 | 136.2 |
| 6/24/2018 | 9.6 | 0.12 | 9.4 | 9.8 | 199.5 | 103.5 | 12.0 | 0.26 | 11.6 | 12.4 | 240.2 | 144.2 |
| 6/25/2018 | 11.2 | 0.75 | 10.0 | 12.1 | 210.7 | 110.7 | 12.2 | 0.11 | 12.0 | 12.3 | 252.4 | 152.4 |
| 6/26/2018 | 12.1 | 0.13 | 11.9 | 12.3 | 222.8 | 118.8 | 12.3 | 0.37 | 12.0 | 13.1 | 264.6 | 160.6 |
| 6/27/2018 | 12.0 | 0.05 | 12.0 | 12.1 | 234.8 | 126.8 | 12.7 | 0.36 | 12.2 | 13.3 | 277.3 | 169.3 |
| 6/28/2018 | 11.5 | 0.44 | 10.6 | 11.9 | 246.4 | 134.4 | 13.2 | 0.65 | 12.6 | 14.1 | 290.4 | 178.4 |
| 6/29/2018 | 7.4 | 1.20 | 6.5 | 10.2 | 253.8 | 137.8 | 13.0 | 0.34 | 12.5 | 13.5 | 303.4 | 187.4 |
| 6/30/2018 | 7.6 | 0.58 | 6.8 | 8.2 | 261.4 | 141.4 | 13.6 | 0.41 | 13.1 | 14.6 | 317.0 | 197.0 |

July

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/1/2018 | 9.2 | 1.50 | 8.1 | 13.3 | 9.2 | 5.2 | 13.8 | 0.54 | 12.8 | 14.4 | 13.8 | 9.8 |
| 7/2/2018 | 11.1 | 0.34 | 10.4 | 11.4 | 20.2 | 12.2 | 14.3 | 0.52 | 13.9 | 15.2 | 28.1 | 20.1 |
| 7/3/2018 | 10.2 | 0.37 | 9.6 | 11.0 | 30.4 | 18.4 | 14.2 | 0.48 | 13.6 | 15.1 | 42.3 | 30.3 |
| 7/4/2018 | 9.7 | 0.13 | 9.5 | 9.9 | 40.1 | 24.1 | 15.1 | 0.55 | 14.4 | 15.9 | 57.4 | 41.4 |
| 7/5/2018 | 10.0 | 0.17 | 9.8 | 10.3 | 50.1 | 30.1 | 15.5 | 0.69 | 14.4 | 16.9 | 73.0 | 53.0 |
| 7/6/2018 | 9.3 | 0.36 | 8.9 | 9.9 | 59.5 | 35.5 | 14.5 | 0.43 | 13.8 | 15.0 | 87.4 | 63.4 |
| 7/7/2018 | 13.7 | 2.43 | 9.9 | 15.7 | 73.2 | 45.2 | 15.2 | 0.61 | 14.1 | 15.8 | 102.6 | 74.6 |
| 7/8/2018 | 15.2 | 0.79 | 13.4 | 15.6 | 88.4 | 56.4 | 15.9 | 0.31 | 15.5 | 16.3 | 118.5 | 86.5 |
| 7/9/2018 | 12.0 | 1.10 | 10.4 | 13.1 | 100.4 | 64.4 | 16.0 | 0.30 | 15.6 | 16.6 | 134.6 | 98.6 |
| 7/10/2018 | 9.6 | 0.45 | 8.9 | 10.4 | 110.0 | 70.0 | 16.1 | 0.22 | 15.8 | 16.4 | 150.7 | 110.7 |
| 7/11/2018 | 12.1 | 0.69 | 10.6 | 12.8 | 122.1 | 78.1 | 16.4 | 0.28 | 15.9 | 16.9 | 167.1 | 123.1 |
| 7/12/2018 | 12.9 | 0.52 | 11.8 | 13.4 | 135.1 | 87.1 | 16.6 | 0.33 | 15.9 | 17.4 | 183.7 | 135.7 |
| 7/13/2018 | 13.4 | 0.44 | 12.3 | 13.8 | 148.5 | 96.5 | 16.7 | 0.83 | 15.0 | 18.2 | 200.4 | 148.4 |
| 7/14/2018 | 11.5 | 0.64 | 10.5 | 12.4 | 160.0 | 104.0 | 16.2 | 1.05 | 14.8 | 18.1 | 216.6 | 160.6 |
| 7/15/2018 | 10.2 | 0.59 | 8.8 | 10.7 | 170.2 | 110.2 | 16.5 | 1.04 | 14.7 | 17.8 | 233.1 | 173.1 |
| 7/16/2018 | 10.5 | 0.50 | 9.8 | 11.3 | 180.6 | 116.6 | 16.6 | 1.04 | 15.1 | 18.7 | 249.7 | 185.7 |
| 7/17/2018 | 10.0 | 0.37 | 9.5 | 10.5 | 190.6 | 122.6 | 17.0 | 0.82 | 15.6 | 17.8 | 266.6 | 198.6 |
| 7/18/2018 | 9.1 | 0.37 | 8.5 | 9.8 | 199.7 | 127.7 | 17.4 | 0.81 | 15.2 | 18.0 | 284.0 | 212.0 |
| 7/19/2018 | 9.9 | 0.56 | 9.2 | 10.9 | 209.6 | 133.6 | 18.2 | 0.39 | 17.7 | 18.9 | 302.2 | 226.2 |
| 7/20/2018 | 10.6 | 0.23 | 10.1 | 11.0 | 220.1 | 140.1 | 18.2 | 0.28 | 17.6 | 18.6 | 320.4 | 240.4 |
| 7/21/2018 | 10.0 | 0.37 | 9.3 | 10.5 | 230.1 | 146.1 | 17.7 | 1.04 | 15.3 | 18.6 | 338.1 | 254.1 |
| 7/22/2018 | 9.6 | 0.19 | 9.3 | 9.9 | 239.7 | 151.7 | 17.6 | 1.50 | 14.9 | 19.7 | 355.7 | 267.7 |
| 7/23/2018 | 9.6 | 0.22 | 9.2 | 10.0 | 249.3 | 157.3 | 18.2 | 1.17 | 15.7 | 19.4 | 373.9 | 281.9 |
| 7/24/2018 | 8.9 | 0.79 | 7.9 | 9.8 | 258.3 | 162.3 | 18.7 | 1.11 | 15.6 | 19.6 | 392.7 | 296.7 |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/25/2018 | 7.7 | 0.32 | 7.1 | 8.2 | 266.0 | 166.0 | 19.6 | 0.32 | 19.1 | 20.4 | 412.3 | 312.3 |
| 7/26/2018 | 7.1 | 0.46 | 6.3 | 8.0 | 273.1 | 169.1 | 18.2 | 1.97 | 13.1 | 20.7 | 430.5 | 326.5 |
| 7/27/2018 | 6.4 | 0.21 | 6.1 | 6.7 | 279.4 | 171.4 | 17.6 | 1.67 | 15.1 | 19.6 | 448.1 | 340.1 |
| 7/28/2018 | 7.3 | 0.49 | 6.6 | 8.2 | 286.7 | 174.7 | 18.1 | 1.59 | 15.0 | 19.7 | 466.2 | 354.2 |
| 7/29/2018 | 9.3 | 1.09 | 7.7 | 10.9 | 296.0 | 180.0 | 18.5 | 1.20 | 15.8 | 20.1 | 484.7 | 368.7 |
| 7/30/2018 | 10.3 | 0.63 | 9.4 | 11.4 | 306.3 | 186.3 | 18.2 | 0.76 | 16.8 | 19.0 | 502.8 | 382.8 |
| 7/31/2018 | 9.9 | 0.31 | 9.3 | 10.4 | 316.2 | 192.2 | 19.4 | 0.60 | 18.2 | 20.1 | 522.3 | 398.3 |

August

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/1/2018 | 9.1 | 0.41 | 8.2 | 9.7 | 9.1 | 5.1 | 20.4 | 0.64 | 19.1 | 21.4 | 20.4 | 16.4 |
| 8/2/2018 | 8.0 | 0.46 | 7.2 | 8.7 | 17.1 | 9.1 | 20.1 | 0.72 | 18.7 | 20.7 | 40.4 | 32.4 |
| 8/3/2018 | 7.6 | 0.41 | 7.0 | 8.1 | 24.6 | 12.6 | 20.3 | 0.59 | 18.8 | 20.8 | 60.7 | 48.7 |
| 8/4/2018 | 8.3 | 0.88 | 7.3 | 9.9 | 32.9 | 16.9 | 19.2 | 1.47 | 16.6 | 21.1 | 80.0 | 64.0 |
| 8/5/2018 | 9.6 | 0.44 | 8.5 | 10.3 | 42.6 | 22.6 | 19.7 | 1.12 | 17.5 | 20.9 | 99.7 | 79.7 |
| 8/6/2018 | 9.4 | 0.45 | 9.0 | 10.4 | 52.0 | 28.0 | 20.9 | 0.28 | 20.6 | 21.5 | 120.6 | 96.6 |
| 8/7/2018 | 7.6 | 0.73 | 6.7 | 9.1 | 59.6 | 31.6 | 21.0 | 0.64 | 19.3 | 21.7 | 141.6 | 113.6 |
| 8/8/2018 | 6.3 | 0.16 | 6.1 | 6.6 | 65.9 | 33.9 | 21.4 | 0.45 | 20.1 | 21.8 | 163.0 | 131.0 |
| 8/9/2018 | 6.1 | 0.25 | 5.8 | 6.5 | 72.0 | 36.0 | 21.3 | 0.72 | 19.2 | 21.9 | 184.3 | 148.3 |
| 8/10/2018 | 6.7 | 0.56 | 6.0 | 7.7 | 78.7 | 38.7 | 21.0 | 0.29 | 20.4 | 21.3 | 205.3 | 165.3 |
| 8/11/2018 | 7.3 | 0.58 | 6.5 | 8.3 | 86.0 | 42.0 | 21.1 | 0.26 | 20.7 | 21.5 | 226.5 | 182.5 |
| 8/12/2018 | 9.8 | 1.18 | 7.8 | 11.4 | 95.8 | 47.8 | 20.9 | 0.38 | 20.0 | 21.3 | 247.4 | 199.4 |
| 8/13/2018 | 10.4 | 0.61 | 9.3 | 11.2 | 106.2 | 54.2 | 21.0 | 0.69 | 19.1 | 21.7 | 268.4 | 216.4 |
| 8/14/2018 | 9.9 | 0.27 | 9.4 | 10.3 | 116.0 | 60.0 | 21.4 | 0.24 | 20.8 | 21.7 | 289.8 | 233.8 |
| 8/15/2018 | 9.5 | 0.28 | 9.1 | 9.9 | 125.5 | 65.5 | 20.8 | 0.95 | 18.3 | 21.5 | 310.6 | 250.6 |
| 8/16/2018 | 11.1 | 0.91 | 9.9 | 12.1 | 136.7 | 72.7 | 21.0 | 0.41 | 20.1 | 21.4 | 331.6 | 267.6 |
| 8/17/2018 | 13.1 | 0.59 | 12.2 | 14.0 | 149.7 | 81.7 | 20.7 | 0.08 | 20.6 | 20.9 | 352.4 | 284.4 |
| 8/18/2018 | 11.4 | 0.99 | 9.8 | 13.0 | 161.2 | 89.2 | 20.5 | 0.23 | 19.9 | 20.8 | 372.8 | 300.8 |
| 8/19/2018 | 8.9 | 0.44 | 8.1 | 9.7 | 170.1 | 94.1 | 19.8 | 0.22 | 19.5 | 20.1 | 392.6 | 316.6 |
| 8/20/2018 | 10.7 | 0.66 | 9.3 | 11.6 | 180.8 | 100.8 | 19.7 | 0.18 | 19.5 | 20.0 | 412.4 | 332.4 |
| 8/21/2018 | 9.1 | 1.54 | 7.4 | 11.2 | 190.0 | 106.0 | 20.2 | 0.32 | 19.6 | 20.8 | 432.5 | 348.5 |
| 8/22/2018 | 6.9 | 0.24 | 6.7 | 7.4 | 196.9 | 108.9 | 18.4 | 2.14 | 14.5 | 20.6 | 450.9 | 362.9 |
| 8/23/2018 | 7.6 | 0.45 | 6.7 | 8.1 | 204.5 | 112.5 | 19.4 | 1.34 | 15.4 | 20.3 | 470.4 | 378.4 |
| 8/24/2018 | 9.0 | 0.74 | 7.9 | 10.0 | 213.5 | 117.5 | 19.9 | 0.30 | 19.5 | 20.2 | 490.3 | 394.3 |
| 8/25/2018 | 11.3 | 0.89 | 9.9 | 12.9 | 224.7 | 124.7 | 19.2 | 0.59 | 17.5 | 19.8 | 509.5 | 409.5 |
| 8/26/2018 | 11.6 | 0.27 | 11.1 | 12.1 | 236.4 | 132.4 | 18.5 | 0.35 | 18.0 | 19.2 | 528.1 | 424.1 |
| 8/27/2018 | 11.9 | 0.60 | 11.4 | 13.6 | 248.3 | 140.3 | 18.5 | 0.58 | 17.2 | 19.1 | 546.6 | 438.6 |
| 8/28/2018 | 12.7 | 0.57 | 12.0 | 13.6 | 260.9 | 148.9 | 19.0 | 0.24 | 18.5 | 19.3 | 565.5 | 453.5 |
| 8/29/2018 | 14.8 | 2.93 | 12.3 | 19.3 | 275.8 | 159.8 | 19.4 | 0.30 | 19.0 | 19.9 | 584.9 | 468.9 |
| 8/30/2018 | 14.0 | 3.71 | 9.1 | 19.6 | 289.8 | 169.8 | 19.5 | 0.12 | 19.4 | 19.8 | 604.5 | 484.5 |
| 8/31/2018 | 15.6 | 1.04 | 14.4 | 17.8 | 305.4 | 181.4 | 19.7 | 0.09 | 19.5 | 19.8 | 624.1 | 500.1 |

September

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/1/2018 | 14.1 | 0.61 | 13.0 | 15.0 | 14.1 | 10.1 | 19.7 | 0.18 | 19.6 | 20.1 | 19.7 | 15.7 |
| 9/2/2018 | 10.1 | 1.23 | 8.7 | 12.6 | 24.2 | 16.2 | 19.3 | 0.15 | 19.1 | 19.7 | 39.1 | 31.1 |
| 9/3/2018 | 8.6 | 0.91 | 7.1 | 9.5 | 32.8 | 20.8 | 19.1 | 0.13 | 18.9 | 19.3 | 58.1 | 46.1 |
| 9/4/2018 | 8.9 | 1.10 | 7.8 | 10.8 | 41.7 | 25.7 | 19.1 | 0.16 | 18.8 | 19.3 | 77.2 | 61.2 |
| 9/5/2018 | 10.8 | 0.41 | 10.4 | 11.8 | 52.6 | 32.6 | 19.5 | 0.15 | 19.2 | 19.7 | 96.7 | 76.7 |
| 9/6/2018 | 11.0 | 0.47 | 9.7 | 11.5 | 63.6 | 39.6 | 19.3 | 0.21 | 19.0 | 19.6 | 116.0 | 92.0 |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/7/2018 | 12.8 | 1.63 | 11.5 | 17.4 | 76.4 | 48.4 | 18.9 | 0.17 | 18.8 | 19.4 | 134.9 | 106.9 |
| 9/8/2018 | 17.8 | 1.87 | 13.0 | 18.9 | 94.2 | 62.2 | 18.8 | 0.14 | 18.5 | 19.0 | 153.7 | 121.7 |
| 9/9/2018 | 18.4 | 0.10 | 18.1 | 18.4 | 112.6 | 76.6 | 18.4 | 0.06 | 18.4 | 18.6 | 172.2 | 136.2 |
| 9/10/2018 | 17.2 | 1.52 | 14.0 | 18.3 | 129.7 | 89.7 | 18.3 | 0.09 | 18.2 | 18.5 | 190.5 | 150.5 |
| 9/11/2018 | 12.2 | 0.80 | 10.8 | 13.8 | 141.9 | 97.9 | 18.2 | 0.10 | 18.0 | 18.3 | 208.6 | 164.6 |
| 9/12/2018 | 10.0 | 0.81 | 8.4 | 10.9 | 151.9 | 103.9 | 17.7 | 0.25 | 17.0 | 17.9 | 226.3 | 178.3 |
| 9/13/2018 | 11.3 | 0.58 | 10.7 | 12.4 | 163.2 | 111.2 | 17.4 | 0.24 | 17.1 | 18.0 | 243.7 | 191.7 |
| 9/14/2018 | 12.7 | 0.38 | 12.2 | 13.7 | 175.9 | 119.9 | 17.7 | 0.13 | 17.4 | 17.9 | 261.4 | 205.4 |
| 9/15/2018 | 12.1 | 0.46 | 11.4 | 13.0 | 188.0 | 128.0 | 17.9 | 0.23 | 17.6 | 18.3 | 279.3 | 219.3 |
| 9/16/2018 | 13.3 | 0.62 | 12.4 | 14.2 | 201.3 | 137.3 | 18.0 | 0.10 | 17.9 | 18.2 | 297.3 | 233.3 |
| 9/17/2018 | 12.0 | 0.44 | 11.3 | 12.6 | 213.2 | 145.2 | 18.1 | 0.09 | 18.0 | 18.2 | 315.4 | 247.4 |
| 9/18/2018 | 13.4 | 0.93 | 12.3 | 14.8 | 226.6 | 154.6 | 18.0 | 0.14 | 17.7 | 18.1 | 333.3 | 261.3 |
| 9/19/2018 | 14.1 | 0.60 | 13.4 | 14.9 | 240.7 | 164.7 | 17.2 | 0.24 | 16.8 | 17.5 | 350.6 | 274.6 |
| 9/20/2018 | 13.3 | 0.25 | 12.9 | 13.8 | 254.1 | 174.1 | 16.7 | 0.06 | 16.6 | 16.8 | 367.3 | 287.3 |
| 9/21/2018 | 12.5 | 0.68 | 10.8 | 13.1 | 266.6 | 182.6 | 16.5 | 0.10 | 16.2 | 16.6 | 383.7 | 299.7 |
| 9/22/2018 | 8.8 | 2.48 | 6.3 | 12.5 | 275.4 | 187.4 | 13.6 | 1.60 | 10.8 | 16.0 | 397.3 | 309.3 |
| 9/23/2018 | 11.0 | 0.84 | 9.5 | 11.9 | 286.4 | 194.4 | 14.1 | 0.11 | 13.9 | 14.3 | 411.5 | 319.5 |
| 9/24/2018 | 13.2 | 0.48 | 12.4 | 13.8 | 299.6 | 203.6 | 13.6 | 0.13 | 13.5 | 13.9 | 425.1 | 329.1 |
| 9/25/2018 | 12.2 | 0.51 | 11.4 | 12.8 | 311.8 | 211.8 | 13.4 | 0.12 | 13.3 | 13.6 | 438.5 | 338.5 |
| 9/26/2018 | 9.6 | 1.35 | 8.1 | 11.5 | 321.4 | 217.4 | 12.8 | 0.43 | 12.2 | 13.3 | 451.3 | 347.3 |
| 9/27/2018 | 8.2 | 0.33 | 7.8 | 8.9 | 329.6 | 221.6 | 12.7 | 0.55 | 11.8 | 13.3 | 464.0 | 356.0 |
| 9/28/2018 | 8.6 | 0.12 | 8.5 | 9.0 | 338.2 | 226.2 | 13.3 | 0.24 | 12.9 | 13.6 | 477.3 | 365.3 |
| 9/29/2018 | 9.3 | 0.81 | 8.6 | 11.3 | 347.5 | 231.5 | 13.1 | 0.33 | 12.5 | 13.4 | 490.4 | 374.4 |
| 9/30/2018 | 11.8 | 0.31 | 11.3 | 12.3 | 359.3 | 239.3 | 13.4 | 0.18 | 13.0 | 13.6 | 503.8 | 383.8 |

October

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/1/2018 | 12.1 | 0.13 | 11.9 | 12.3 | 12.1 | 8.1 | 13.2 | 0.09 | 13.0 | 13.4 | 13.2 | 9.2 |
| 10/2/2018 | 12.2 | 0.12 | 11.9 | 12.3 | 24.2 | 16.2 | 13.2 | 0.09 | 13.1 | 13.4 | 26.4 | 18.4 |
| 10/3/2018 | 11.4 | 0.45 | 10.6 | 11.9 | 35.6 | 23.6 | 13.0 | 0.13 | 12.9 | 13.3 | 39.3 | 27.3 |
| 10/4/2018 | 10.6 | 0.15 | 10.4 | 10.9 | 46.2 | 30.2 | 13.3 | 0.03 | 13.2 | 13.4 | 52.6 | 36.6 |
| 10/5/2018 | 11.7 | 0.83 | 10.2 | 12.3 | 57.9 | 37.9 | 13.0 | 0.27 | 12.5 | 13.3 | 65.6 | 45.6 |
| 10/6/2018 | 12.5 | 0.13 | 12.3 | 12.8 | 70.3 | 46.3 | 12.8 | 0.14 | 12.6 | 13.0 | 78.4 | 54.4 |
| 10/7/2018 | 12.5 | 0.04 | 12.4 | 12.5 | 82.8 | 54.8 | 12.5 | 0.06 | 12.4 | 12.6 | 90.9 | 62.9 |
| 10/8/2018 | 12.3 | 0.07 | 12.2 | 12.4 | 95.1 | 63.1 | 12.4 | 0.08 | 12.2 | 12.5 | 103.3 | 71.3 |
| 10/9/2018 | 12.1 | 0.11 | 12.0 | 12.3 | 107.2 | 71.2 | 12.2 | 0.07 | 12.2 | 12.4 | 115.5 | 79.5 |
| 10/10/2018 | 12.0 | 0.02 | 12.0 | 12.1 | 119.3 | 79.3 | 12.2 | 0.04 | 12.1 | 12.2 | 127.7 | 87.7 |
| 10/11/2018 | 12.0 | 0.07 | 11.9 | 12.1 | 131.3 | 87.3 | 11.9 | 0.09 | 11.8 | 12.0 | 139.6 | 95.6 |
| 10/12/2018 | 11.9 | 0.06 | 11.8 | 12.0 | 143.2 | 95.2 | 11.9 | 0.05 | 11.8 | 12.0 | 151.5 | 103.5 |
| 10/13/2018 | 11.8 | 0.10 | 11.6 | 11.9 | 155.0 | 103.0 | 11.7 | 0.11 | 11.5 | 11.9 | 163.2 | 111.2 |
| 10/14/2018 | 11.3 | 0.31 | 10.5 | 11.6 | 166.3 | 110.3 | 11.2 | 0.31 | 10.4 | 11.6 | 174.5 | 118.5 |
| 10/15/2018 | 10.8 | 0.35 | 10.3 | 11.2 | 177.0 | 117.0 | 11.0 | 0.36 | 10.2 | 11.2 | 185.4 | 125.4 |
| 10/16/2018 | 10.9 | 0.19 | 10.6 | 11.2 | 188.0 | 124.0 | 10.9 | 0.19 | 10.6 | 11.1 | 196.3 | 132.3 |
| 10/17/2018 | 10.4 | 0.25 | 10.0 | 10.8 | 198.4 | 130.4 | 10.2 | 0.38 | 9.6 | 10.8 | 206.5 | 138.5 |
| 10/18/2018 | 10.1 | 0.19 | 9.8 | 10.4 | 208.5 | 136.5 | 10.0 | 0.15 | 9.8 | 10.2 | 216.5 | 144.5 |
| 10/19/2018 | 9.7 | 0.26 | 9.2 | 10.0 | 218.2 | 142.2 | 9.7 | 0.17 | 9.5 | 10.0 | 226.3 | 150.3 |
| 10/20/2018 | 9.7 | 0.05 | 9.6 | 9.8 | 227.9 | 147.9 | 9.6 | 0.06 | 9.4 | 9.6 | 235.8 | 155.8 |
| 10/21/2018 | 9.3 | 0.35 | 8.8 | 9.6 | 237.1 | 153.1 | 9.3 | 0.24 | 9.0 | 9.6 | 245.2 | 161.2 |
| 10/22/2018 | 9.3 | 0.27 | 8.7 | 9.5 | 246.4 | 158.4 | 9.3 | 0.25 | 8.7 | 9.5 | 254.4 | 166.4 |
| 10/23/2018 | 9.1 | 0.29 | 8.3 | 9.3 | 255.6 | 163.6 | 9.2 | 0.09 | 9.0 | 9.3 | 263.6 | 171.6 |
| 10/24/2018 | 8.9 | 0.27 | 8.5 | 9.2 | 264.5 | 168.5 | 8.8 | 0.33 | 8.4 | 9.2 | 272.5 | 176.5 |
| 10/25/2018 | 8.9 | 0.18 | 8.5 | 9.1 | 273.4 | 173.4 | 8.8 | 0.25 | 8.3 | 9.1 | 281.3 | 181.3 |
| 10/26/2018 | 8.4 | 0.26 | 7.8 | 8.7 | 281.8 | 177.8 | 8.3 | 0.32 | 7.5 | 8.6 | 289.6 | 185.6 |
| 10/27/2018 | 7.7 | 0.50 | 6.5 | 8.3 | 289.4 | 181.4 | 7.7 | 0.48 | 6.4 | 8.3 | 297.3 | 189.3 |
| 10/28/2018 | 7.8 | 0.35 | 6.9 | 8.2 | 297.3 | 185.3 | 7.7 | 0.34 | 6.9 | 8.1 | 305.0 | 193.0 |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/29/2018 | 8.0 | 0.19 | 7.6 | 8.2 | 305.3 | 189.3 | 7.3 | 0.42 | 6.6 | 8.0 | 312.3 | 196.3 |
| 10/30/2018 | 8.1 | 0.05 | 8.0 | 8.1 | 313.4 | 193.4 | 7.6 | 0.27 | 7.2 | 8.1 | 319.9 | 199.9 |
| 10/31/2018 | 8.0 | 0.10 | 7.9 | 8.2 | 321.4 | 197.4 | 7.9 | 0.12 | 7.7 | 8.1 | 327.8 | 203.8 |

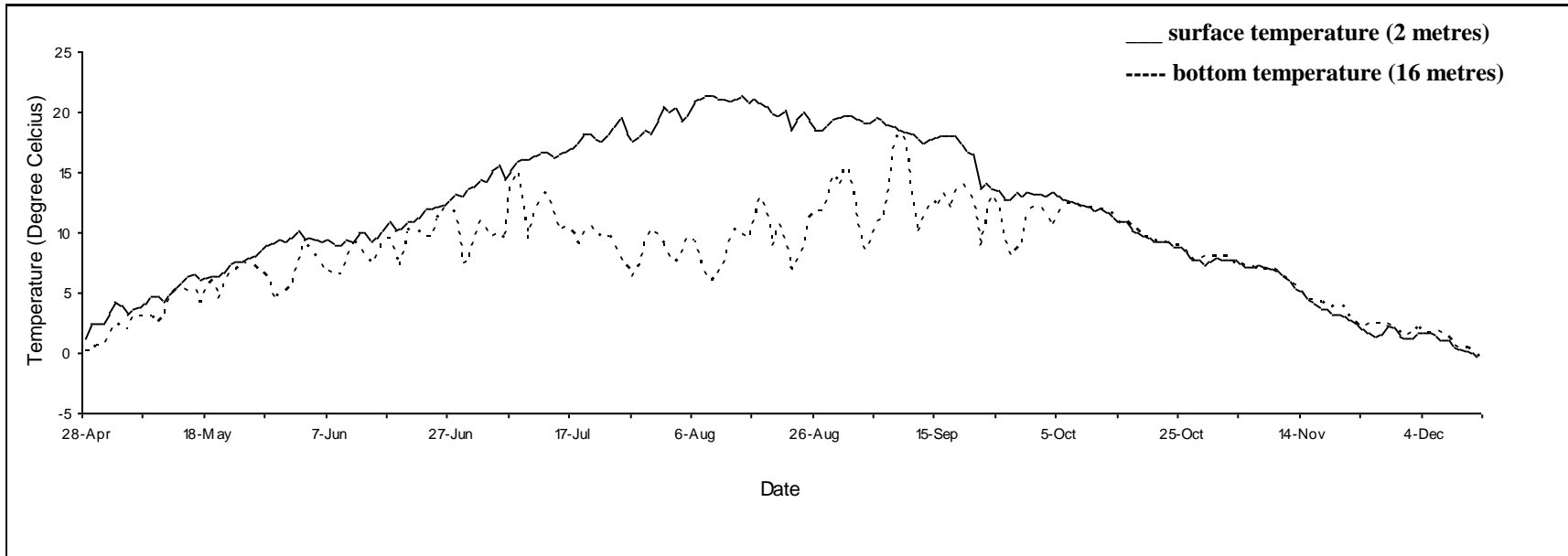
November

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 11/1/2018 | 8.0 | 0.11 | 7.9 | 8.2 | 8.0 | 4.0 | 7.7 | 0.12 | 7.5 | 7.9 | 7.7 | 3.7 |
| 11/2/2018 | 8.0 | 0.09 | 7.9 | 8.1 | 16.0 | 8.0 | 7.7 | 0.10 | 7.5 | 7.8 | 15.4 | 7.4 |
| 11/3/2018 | 7.3 | 0.23 | 7.2 | 7.9 | 23.4 | 11.4 | 7.8 | 0.11 | 7.5 | 7.9 | 23.2 | 11.2 |
| 11/4/2018 | 7.4 | 0.06 | 7.3 | 7.5 | 30.8 | 14.8 | 7.4 | 0.07 | 7.3 | 7.5 | 30.6 | 14.6 |
| 11/5/2018 | 7.2 | 0.03 | 7.2 | 7.3 | 38.1 | 18.1 | 7.2 | 0.10 | 6.9 | 7.3 | 37.8 | 17.8 |
| 11/6/2018 | 7.2 | 0.09 | 7.0 | 7.3 | 45.2 | 21.2 | 7.1 | 0.07 | 7.0 | 7.2 | 44.9 | 20.9 |
| 11/7/2018 | 6.8 | 0.08 | 6.6 | 6.9 | 52.0 | 24.0 | 7.3 | 0.10 | 7.2 | 7.4 | 52.2 | 24.2 |
| 11/8/2018 | 7.0 | 0.08 | 6.8 | 7.1 | 58.9 | 26.9 | 7.1 | 0.12 | 6.9 | 7.3 | 59.3 | 27.3 |
| 11/9/2018 | 7.0 | 0.02 | 6.9 | 7.0 | 65.9 | 29.9 | 6.9 | 0.03 | 6.9 | 7.0 | 66.2 | 30.2 |
| 11/10/2018 | 6.8 | 0.05 | 6.8 | 6.9 | 72.7 | 32.7 | 6.8 | 0.03 | 6.7 | 6.9 | 73.0 | 33.0 |
| 11/11/2018 | 6.4 | 0.20 | 6.1 | 6.8 | 79.1 | 35.1 | 6.4 | 0.19 | 6.1 | 6.8 | 79.3 | 35.3 |
| 11/12/2018 | 5.9 | 0.12 | 5.7 | 6.1 | 85.0 | 37.0 | 5.9 | 0.11 | 5.7 | 6.1 | 85.2 | 37.2 |
| 11/13/2018 | 5.6 | 0.05 | 5.5 | 5.7 | 90.7 | 38.7 | 5.4 | 0.27 | 4.8 | 5.7 | 90.6 | 38.6 |
| 11/14/2018 | 5.1 | 0.19 | 4.8 | 5.4 | 95.8 | 39.8 | 5.1 | 0.19 | 4.8 | 5.4 | 95.7 | 39.7 |
| 11/15/2018 | 4.5 | 0.17 | 4.2 | 4.8 | 100.3 | 40.3 | 4.4 | 0.17 | 4.2 | 4.8 | 100.1 | 40.1 |
| 11/16/2018 | 4.3 | 0.12 | 4.0 | 4.5 | 104.6 | 40.6 | 4.1 | 0.39 | 3.2 | 4.4 | 104.1 | 40.1 |
| 11/17/2018 | 4.2 | 0.09 | 4.0 | 4.3 | 108.8 | 40.8 | 3.7 | 0.75 | 2.2 | 4.3 | 107.8 | 40.1 |
| 11/18/2018 | 3.9 | 0.26 | 3.4 | 4.2 | 112.7 | 40.8 | 3.7 | 0.50 | 2.3 | 4.2 | 111.4 | 40.1 |
| 11/19/2018 | 3.7 | 0.20 | 3.4 | 3.9 | 116.4 | 40.8 | 3.2 | 0.33 | 2.4 | 3.5 | 114.7 | 40.1 |
| 11/20/2018 | 4.0 | 0.04 | 4.0 | 4.1 | 120.4 | 40.8 | 3.2 | 0.20 | 2.9 | 3.6 | 117.8 | 40.1 |
| 11/21/2018 | 3.5 | 0.38 | 3.0 | 4.1 | 123.9 | 40.8 | 3.0 | 0.17 | 2.5 | 3.2 | 120.8 | 40.1 |
| 11/22/2018 | 2.9 | 0.20 | 2.4 | 3.1 | 126.8 | 40.8 | 2.7 | 0.41 | 2.0 | 3.1 | 123.6 | 40.1 |
| 11/23/2018 | 2.3 | 0.14 | 2.0 | 2.5 | 129.1 | 40.8 | 2.3 | 0.15 | 2.0 | 2.5 | 125.8 | 40.1 |
| 11/24/2018 | 2.1 | 0.56 | 0.8 | 2.6 | 131.2 | 40.8 | 1.9 | 0.80 | 0.3 | 2.5 | 127.8 | 40.1 |
| 11/25/2018 | 2.4 | 0.10 | 2.1 | 2.5 | 133.6 | 40.8 | 1.7 | 0.35 | 1.1 | 2.2 | 129.5 | 40.1 |
| 11/26/2018 | 2.5 | 0.02 | 2.4 | 2.5 | 136.1 | 40.8 | 1.3 | 0.40 | 0.7 | 2.2 | 130.8 | 40.1 |
| 11/27/2018 | 2.4 | 0.04 | 2.3 | 2.5 | 138.5 | 40.8 | 1.4 | 0.59 | 0.9 | 2.3 | 132.2 | 40.1 |
| 11/28/2018 | 2.4 | 0.02 | 2.3 | 2.4 | 140.9 | 40.8 | 2.3 | 0.02 | 2.3 | 2.3 | 134.5 | 40.1 |
| 11/29/2018 | 2.2 | 0.13 | 2.0 | 2.3 | 143.0 | 40.8 | 2.1 | 0.13 | 1.9 | 2.3 | 136.7 | 40.1 |
| 11/30/2018 | 1.6 | 0.10 | 1.4 | 1.8 | 144.6 | 40.8 | 1.4 | 0.18 | 1.3 | 1.8 | 138.1 | 40.1 |

December

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 12/1/2018 | 1.6 | 0.02 | 1.5 | 1.6 | 1.6 | 0.0 | 1.2 | 0.15 | 1.0 | 1.4 | 1.2 | 0.0 |
| 12/2/2018 | 1.7 | 0.12 | 1.5 | 1.9 | 3.3 | 0.0 | 1.2 | 0.12 | 1.0 | 1.4 | 2.4 | 0.0 |
| 12/3/2018 | 2.0 | 0.08 | 1.9 | 2.2 | 5.3 | 0.0 | 1.6 | 0.08 | 1.4 | 1.7 | 4.0 | 0.0 |
| 12/4/2018 | 1.8 | 0.12 | 1.6 | 2.0 | 7.1 | 0.0 | 1.7 | 0.09 | 1.5 | 1.8 | 5.7 | 0.0 |
| 12/5/2018 | 1.7 | 0.06 | 1.6 | 1.8 | 8.8 | 0.0 | 1.6 | 0.12 | 1.4 | 1.7 | 7.4 | 0.0 |
| 12/6/2018 | 1.8 | 0.09 | 1.6 | 1.9 | 10.5 | 0.0 | 1.4 | 0.22 | 0.9 | 1.7 | 8.8 | 0.0 |
| 12/7/2018 | 1.6 | 0.02 | 1.6 | 1.7 | 12.2 | 0.0 | 1.1 | 0.26 | 0.5 | 1.4 | 9.9 | 0.0 |
| 12/8/2018 | 1.2 | 0.24 | 0.7 | 1.6 | 13.3 | 0.0 | 1.1 | 0.20 | 0.6 | 1.3 | 10.9 | 0.0 |
| 12/9/2018 | 0.6 | 0.31 | -0.2 | 0.8 | 13.9 | 0.0 | 0.5 | 0.32 | -0.3 | 0.8 | 11.4 | 0.0 |
| 12/10/2018 | 0.5 | 0.12 | 0.3 | 0.7 | 14.4 | 0.0 | 0.3 | 0.34 | -0.4 | 0.7 | 11.7 | 0.0 |
| 12/11/2018 | 0.4 | 0.22 | -0.1 | 0.6 | 14.8 | 0.0 | 0.1 | 0.45 | -0.9 | 0.6 | 11.8 | 0.0 |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 12/12/2018 | 0.1 | 0.15 | -0.1 | 0.3 | 14.9 | 0.0 | -0.1 | 0.25 | -0.6 | 0.4 | 11.8 | 0.0 |
| 12/13/2018 | -0.3 | 0.18 | -0.7 | -0.1 | 14.9 | 0.0 | -0.3 | 0.23 | -0.8 | 0.0 | 11.8 | 0.0 |



Daily mean temperature for Malpeque, P.E.I., 2018.

Margaree, N.S.

2018

May

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 5/6/2018 | 2.8 | 0.61 | 2.0 | 3.7 | 2.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/7/2018 | 3.1 | 0.35 | 2.7 | 3.8 | 6.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/8/2018 | 3.5 | 0.35 | 3.2 | 4.2 | 9.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/9/2018 | 4.1 | 0.44 | 3.1 | 4.5 | 13.5 | 0.1 | NA | NA | NA | NA | NA | NA |
| 5/10/2018 | 3.4 | 0.11 | 3.2 | 3.6 | 16.9 | 0.1 | NA | NA | NA | NA | NA | NA |
| 5/11/2018 | 4.1 | 0.44 | 3.4 | 4.7 | 21.0 | 0.2 | NA | NA | NA | NA | NA | NA |
| 5/12/2018 | 4.2 | 0.16 | 3.9 | 4.4 | 25.2 | 0.4 | NA | NA | NA | NA | NA | NA |
| 5/13/2018 | 4.3 | 0.81 | 2.2 | 5.0 | 29.5 | 0.7 | NA | NA | NA | NA | NA | NA |
| 5/14/2018 | 4.5 | 0.94 | 2.0 | 5.3 | 34.0 | 1.2 | NA | NA | NA | NA | NA | NA |
| 5/15/2018 | 5.2 | 0.76 | 3.7 | 5.9 | 39.2 | 2.4 | NA | NA | NA | NA | NA | NA |
| 5/16/2018 | 5.1 | 1.40 | 2.3 | 6.1 | 44.3 | 3.4 | NA | NA | NA | NA | NA | NA |
| 5/17/2018 | 4.5 | 0.67 | 3.3 | 5.2 | 48.8 | 3.9 | NA | NA | NA | NA | NA | NA |
| 5/18/2018 | 4.3 | 0.38 | 3.6 | 4.8 | 53.1 | 4.2 | NA | NA | NA | NA | NA | NA |
| 5/19/2018 | 5.1 | 0.43 | 4.5 | 5.7 | 58.2 | 5.3 | NA | NA | NA | NA | NA | NA |
| 5/20/2018 | 5.6 | 0.26 | 5.2 | 6.0 | 63.8 | 7.0 | NA | NA | NA | NA | NA | NA |
| 5/21/2018 | 6.1 | 0.17 | 5.9 | 6.5 | 69.9 | 9.1 | NA | NA | NA | NA | NA | NA |
| 5/22/2018 | 6.5 | 0.23 | 5.9 | 6.8 | 76.4 | 11.6 | NA | NA | NA | NA | NA | NA |
| 5/23/2018 | 6.8 | 0.25 | 6.3 | 7.2 | 83.2 | 14.4 | NA | NA | NA | NA | NA | NA |
| 5/24/2018 | 3.5 | 1.65 | 1.6 | 6.2 | 86.7 | 14.4 | NA | NA | NA | NA | NA | NA |
| 5/25/2018 | 4.0 | 1.41 | 2.2 | 5.7 | 90.7 | 14.4 | NA | NA | NA | NA | NA | NA |
| 5/26/2018 | 5.6 | 0.36 | 4.8 | 5.9 | 96.4 | 16.1 | NA | NA | NA | NA | NA | NA |
| 5/27/2018 | 3.8 | 0.97 | 3.0 | 5.8 | 100.1 | 16.1 | NA | NA | NA | NA | NA | NA |
| 5/28/2018 | 4.1 | 0.58 | 3.3 | 4.7 | 104.2 | 16.1 | NA | NA | NA | NA | NA | NA |
| 5/29/2018 | 5.7 | 0.71 | 4.6 | 6.7 | 109.9 | 17.8 | NA | NA | NA | NA | NA | NA |
| 5/30/2018 | 5.9 | 0.90 | 3.8 | 6.7 | 115.7 | 19.7 | NA | NA | NA | NA | NA | NA |
| 5/31/2018 | 4.6 | 0.97 | 3.3 | 6.0 | 120.4 | 20.3 | NA | NA | NA | NA | NA | NA |

June

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/1/2018 | 3.8 | 0.43 | 3.1 | 4.5 | 3.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 6/2/2018 | 5.2 | 1.34 | 4.0 | 8.0 | 9.0 | 1.2 | NA | NA | NA | NA | NA | NA |
| 6/3/2018 | 4.0 | 2.03 | 1.5 | 8.1 | 13.0 | 1.2 | NA | NA | NA | NA | NA | NA |
| 6/4/2018 | 1.4 | 0.25 | 1.1 | 1.9 | 14.3 | 1.2 | NA | NA | NA | NA | NA | NA |
| 6/5/2018 | 2.0 | 0.26 | 1.7 | 2.5 | 16.4 | 1.2 | NA | NA | NA | NA | NA | NA |
| 6/6/2018 | 2.7 | 0.66 | 2.0 | 4.3 | 19.1 | 1.2 | NA | NA | NA | NA | NA | NA |
| 6/7/2018 | 4.8 | 0.56 | 4.2 | 5.8 | 23.9 | 2.1 | NA | NA | NA | NA | NA | NA |
| 6/8/2018 | 6.2 | 1.09 | 4.5 | 7.5 | 30.1 | 4.2 | NA | NA | NA | NA | NA | NA |
| 6/9/2018 | 8.0 | 0.23 | 7.6 | 8.3 | 38.0 | 8.2 | NA | NA | NA | NA | NA | NA |
| 6/10/2018 | 8.2 | 0.06 | 8.1 | 8.3 | 46.2 | 12.4 | NA | NA | NA | NA | NA | NA |
| 6/11/2018 | 7.6 | 0.51 | 6.9 | 8.3 | 53.8 | 16.0 | NA | NA | NA | NA | NA | NA |
| 6/12/2018 | 7.2 | 0.33 | 6.8 | 7.8 | 61.0 | 19.2 | NA | NA | NA | NA | NA | NA |
| 6/13/2018 | 9.0 | 0.60 | 7.2 | 9.4 | 70.0 | 24.2 | NA | NA | NA | NA | NA | NA |
| 6/14/2018 | 8.9 | 0.12 | 8.6 | 9.0 | 78.9 | 29.1 | NA | NA | NA | NA | NA | NA |
| 6/15/2018 | 8.4 | 0.45 | 7.6 | 8.9 | 87.3 | 33.5 | NA | NA | NA | NA | NA | NA |
| 6/16/2018 | 7.6 | 0.54 | 6.8 | 8.4 | 94.9 | 37.1 | NA | NA | NA | NA | NA | NA |
| 6/17/2018 | 6.9 | 0.26 | 6.6 | 7.4 | 101.8 | 40.0 | NA | NA | NA | NA | NA | NA |
| 6/18/2018 | 7.4 | 0.90 | 6.2 | 9.3 | 109.3 | 43.4 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/19/2018 | 9.4 | 0.08 | 9.3 | 9.6 | 118.7 | 48.9 | NA | NA | NA | NA | NA | NA |
| 6/20/2018 | 9.4 | 0.20 | 9.0 | 9.0 | 128.1 | 54.2 | NA | NA | NA | NA | NA | NA |
| 6/21/2018 | 9.8 | 0.20 | 9.5 | 10.1 | 137.9 | 60.1 | NA | NA | NA | NA | NA | NA |
| 6/22/2018 | 10.0 | 0.10 | 9.8 | 10.2 | 147.9 | 66.1 | NA | NA | NA | NA | NA | NA |
| 6/23/2018 | 10.6 | 0.36 | 10.1 | 11.1 | 158.5 | 72.7 | NA | NA | NA | NA | NA | NA |
| 6/24/2018 | 11.6 | 0.25 | 10.9 | 11.8 | 170.1 | 80.3 | NA | NA | NA | NA | NA | NA |
| 6/25/2018 | 9.8 | 1.78 | 7.6 | 11.6 | 180.0 | 86.1 | NA | NA | NA | NA | NA | NA |
| 6/26/2018 | 3.8 | 1.72 | 2.2 | 7.3 | 183.8 | 86.1 | NA | NA | NA | NA | NA | NA |
| 6/27/2018 | 4.3 | 1.53 | 2.3 | 6.4 | 188.1 | 86.4 | NA | NA | NA | NA | NA | NA |
| 6/28/2018 | 7.6 | 0.86 | 6.7 | 9.4 | 195.7 | 90.0 | NA | NA | NA | NA | NA | NA |
| 6/29/2018 | 10.4 | 0.42 | 9.7 | 10.9 | 206.0 | 96.4 | NA | NA | NA | NA | NA | NA |
| 6/30/2018 | 11.3 | 0.33 | 10.8 | 11.7 | 217.3 | 103.7 | NA | NA | NA | NA | NA | NA |

July

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/1/2018 | 11.7 | 0.34 | 11.3 | 12.1 | 11.7 | 7.7 | NA | NA | NA | NA | NA | NA |
| 7/2/2018 | 11.9 | 0.26 | 11.6 | 12.3 | 23.6 | 15.6 | NA | NA | NA | NA | NA | NA |
| 7/3/2018 | 12.6 | 0.57 | 11.7 | 13.4 | 36.1 | 24.1 | NA | NA | NA | NA | NA | NA |
| 7/4/2018 | 13.7 | 0.38 | 12.6 | 14.0 | 49.8 | 33.8 | NA | NA | NA | NA | NA | NA |
| 7/5/2018 | 13.3 | 0.65 | 12.0 | 14.1 | 63.1 | 43.1 | NA | NA | NA | NA | NA | NA |
| 7/6/2018 | 14.0 | 1.23 | 11.5 | 15.5 | 77.1 | 53.1 | NA | NA | NA | NA | NA | NA |
| 7/7/2018 | 15.2 | 0.65 | 13.9 | 15.8 | 92.4 | 64.4 | NA | NA | NA | NA | NA | NA |
| 7/8/2018 | 15.4 | 0.48 | 14.1 | 15.8 | 107.8 | 75.8 | NA | NA | NA | NA | NA | NA |
| 7/9/2018 | 16.1 | 0.25 | 15.9 | 16.6 | 123.9 | 87.9 | NA | NA | NA | NA | NA | NA |
| 7/10/2018 | 16.4 | 0.29 | 15.7 | 16.8 | 140.4 | 100.4 | NA | NA | NA | NA | NA | NA |
| 7/11/2018 | 16.7 | 0.33 | 16.2 | 17.0 | 157.0 | 113.0 | NA | NA | NA | NA | NA | NA |
| 7/12/2018 | 14.0 | 1.59 | 12.1 | 16.9 | 171.1 | 123.1 | NA | NA | NA | NA | NA | NA |
| 7/13/2018 | 11.7 | 0.77 | 10.7 | 12.9 | 182.8 | 130.8 | NA | NA | NA | NA | NA | NA |
| 7/14/2018 | 12.2 | 1.05 | 10.7 | 13.7 | 194.9 | 138.9 | NA | NA | NA | NA | NA | NA |
| 7/15/2018 | 14.0 | 1.11 | 12.8 | 16.1 | 208.9 | 148.9 | NA | NA | NA | NA | NA | NA |
| 7/16/2018 | 14.8 | 0.65 | 13.6 | 15.9 | 223.7 | 159.7 | NA | NA | NA | NA | NA | NA |
| 7/17/2018 | 15.4 | 0.56 | 14.7 | 16.2 | 239.1 | 171.1 | NA | NA | NA | NA | NA | NA |
| 7/18/2018 | 16.7 | 1.32 | 14.4 | 18.0 | 255.8 | 183.8 | NA | NA | NA | NA | NA | NA |
| 7/19/2018 | 17.2 | 0.83 | 15.2 | 18.2 | 273.0 | 197.0 | NA | NA | NA | NA | NA | NA |
| 7/20/2018 | 16.1 | 0.47 | 15.3 | 16.7 | 289.1 | 209.1 | NA | NA | NA | NA | NA | NA |
| 7/21/2018 | 15.7 | 0.58 | 14.9 | 17.0 | 304.8 | 220.8 | NA | NA | NA | NA | NA | NA |
| 7/22/2018 | 17.1 | 0.97 | 15.4 | 18.2 | 321.9 | 233.9 | NA | NA | NA | NA | NA | NA |
| 7/23/2018 | 18.2 | 0.61 | 16.8 | 18.9 | 340.1 | 248.1 | NA | NA | NA | NA | NA | NA |
| 7/24/2018 | 18.1 | 0.44 | 17.0 | 18.7 | 358.2 | 262.2 | NA | NA | NA | NA | NA | NA |
| 7/25/2018 | 19.8 | 0.90 | 17.6 | 20.4 | 378.0 | 278.0 | NA | NA | NA | NA | NA | NA |
| 7/26/2018 | 20.5 | 0.37 | 19.5 | 20.8 | 398.5 | 294.5 | NA | NA | NA | NA | NA | NA |
| 7/27/2018 | 20.9 | 0.13 | 20.7 | 21.1 | 419.4 | 311.4 | NA | NA | NA | NA | NA | NA |
| 7/28/2018 | 20.6 | 0.14 | 20.5 | 21.0 | 440.0 | 328.0 | NA | NA | NA | NA | NA | NA |
| 7/29/2018 | 20.6 | 0.19 | 20.3 | 20.9 | 460.6 | 344.6 | NA | NA | NA | NA | NA | NA |
| 7/30/2018 | 20.8 | 0.76 | 19.3 | 21.8 | 481.5 | 361.5 | NA | NA | NA | NA | NA | NA |
| 7/31/2018 | 21.1 | 1.38 | 18.0 | 22.4 | 502.6 | 378.6 | NA | NA | NA | NA | NA | NA |

August

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/1/2018 | 20.9 | 1.78 | 17.5 | 22.4 | 20.9 | 16.9 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/2/2018 | 20.1 | 2.95 | 14.0 | 22.8 | 40.9 | 32.9 | NA | NA | NA | NA | NA | NA |
| 8/3/2018 | 21.9 | 1.14 | 18.8 | 22.7 | 62.8 | 50.8 | NA | NA | NA | NA | NA | NA |
| 8/4/2018 | 19.2 | 2.88 | 14.4 | 22.2 | 82.1 | 66.1 | NA | NA | NA | NA | NA | NA |
| 8/5/2018 | 18.7 | 2.85 | 12.3 | 21.8 | 100.7 | 80.7 | NA | NA | NA | NA | NA | NA |
| 8/6/2018 | 19.1 | 2.59 | 15.2 | 22.1 | 119.8 | 95.8 | NA | NA | NA | NA | NA | NA |
| 8/7/2018 | 17.0 | 2.91 | 13.4 | 21.9 | 136.8 | 108.8 | NA | NA | NA | NA | NA | NA |
| 8/8/2018 | 19.9 | 2.23 | 14.9 | 23.1 | 156.7 | 124.7 | NA | NA | NA | NA | NA | NA |
| 8/9/2018 | 19.2 | 2.70 | 13.2 | 23.0 | 175.9 | 139.9 | NA | NA | NA | NA | NA | NA |
| 8/10/2018 | 23.0 | 0.29 | 22.2 | 23.3 | 198.9 | 158.9 | NA | NA | NA | NA | NA | NA |
| 8/11/2018 | 22.3 | 1.41 | 19.1 | 23.2 | 221.1 | 177.1 | NA | NA | NA | NA | NA | NA |
| 8/12/2018 | 20.1 | 2.56 | 14.6 | 22.6 | 241.2 | 193.2 | NA | NA | NA | NA | NA | NA |
| 8/13/2018 | 19.8 | 3.11 | 14.8 | 22.9 | 261.0 | 209.0 | NA | NA | NA | NA | NA | NA |
| 8/14/2018 | 18.8 | 3.82 | 13.1 | 22.7 | 279.8 | 223.8 | NA | NA | NA | NA | NA | NA |
| 8/15/2018 | 20.8 | 2.89 | 16.2 | 23.6 | 300.6 | 240.6 | NA | NA | NA | NA | NA | NA |
| 8/16/2018 | 22.1 | 1.65 | 19.0 | 23.5 | 322.7 | 258.7 | NA | NA | NA | NA | NA | NA |
| 8/17/2018 | 14.0 | 2.97 | 10.0 | 19.6 | 336.7 | 268.7 | NA | NA | NA | NA | NA | NA |
| 8/18/2018 | 13.7 | 2.56 | 11.0 | 18.7 | 350.4 | 278.4 | NA | NA | NA | NA | NA | NA |
| 8/19/2018 | 12.7 | 1.26 | 10.6 | 15.3 | 363.1 | 287.1 | NA | NA | NA | NA | NA | NA |
| 8/20/2018 | 11.4 | 1.37 | 10.0 | 14.1 | 374.5 | 294.5 | NA | NA | NA | NA | NA | NA |
| 8/21/2018 | 12.4 | 1.81 | 9.6 | 15.5 | 386.9 | 302.9 | NA | NA | NA | NA | NA | NA |
| 8/22/2018 | 14.0 | 1.70 | 12.0 | 17.3 | 400.9 | 312.9 | NA | NA | NA | NA | NA | NA |
| 8/23/2018 | 18.5 | 2.18 | 14.4 | 20.5 | 419.4 | 327.4 | NA | NA | NA | NA | NA | NA |
| 8/24/2018 | 20.4 | 1.47 | 16.5 | 21.5 | 439.8 | 343.8 | NA | NA | NA | NA | NA | NA |
| 8/25/2018 | 21.2 | 0.48 | 20.4 | 21.7 | 461.0 | 361.0 | NA | NA | NA | NA | NA | NA |
| 8/26/2018 | 21.5 | 0.15 | 21.1 | 21.7 | 482.5 | 378.5 | NA | NA | NA | NA | NA | NA |
| 8/27/2018 | 20.9 | 1.09 | 18.0 | 21.5 | 503.4 | 395.4 | NA | NA | NA | NA | NA | NA |
| 8/28/2018 | 19.8 | 2.20 | 16.1 | 21.6 | 523.2 | 411.2 | NA | NA | NA | NA | NA | NA |
| 8/29/2018 | 20.0 | 2.44 | 14.3 | 21.8 | 543.2 | 427.2 | NA | NA | NA | NA | NA | NA |
| 8/30/2018 | 19.3 | 2.92 | 10.6 | 21.2 | 562.5 | 442.5 | NA | NA | NA | NA | NA | NA |
| 8/31/2018 | 13.7 | 3.41 | 9.1 | 19.8 | 576.3 | 452.3 | NA | NA | NA | NA | NA | NA |

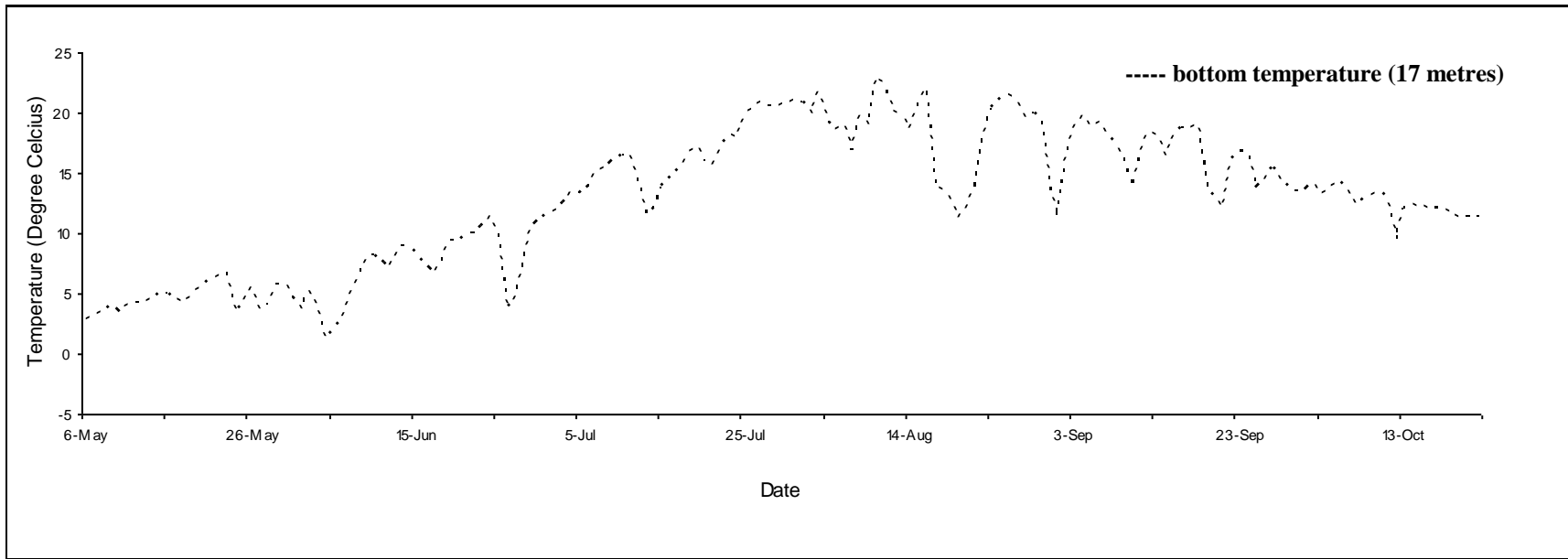
September

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/1/2018 | 11.4 | 1.33 | 8.9 | 14.0 | 11.4 | 7.4 | NA | NA | NA | NA | NA | NA |
| 9/2/2018 | 16.6 | 3.52 | 11.4 | 20.1 | 28.0 | 20.0 | NA | NA | NA | NA | NA | NA |
| 9/3/2018 | 18.8 | 1.41 | 16.3 | 20.1 | 46.8 | 34.8 | NA | NA | NA | NA | NA | NA |
| 9/4/2018 | 19.8 | 0.45 | 18.8 | 20.2 | 66.6 | 50.6 | NA | NA | NA | NA | NA | NA |
| 9/5/2018 | 19.0 | 1.89 | 13.2 | 20.0 | 85.6 | 65.6 | NA | NA | NA | NA | NA | NA |
| 9/6/2018 | 19.2 | 1.40 | 15.3 | 20.0 | 104.8 | 80.8 | NA | NA | NA | NA | NA | NA |
| 9/7/2018 | 18.3 | 2.77 | 13.1 | 19.9 | 123.1 | 95.1 | NA | NA | NA | NA | NA | NA |
| 9/8/2018 | 17.2 | 2.15 | 14.1 | 19.6 | 140.4 | 108.4 | NA | NA | NA | NA | NA | NA |
| 9/9/2018 | 16.2 | 2.18 | 12.3 | 19.0 | 156.5 | 120.5 | NA | NA | NA | NA | NA | NA |
| 9/10/2018 | 14.0 | 1.90 | 11.6 | 18.1 | 170.5 | 130.5 | NA | NA | NA | NA | NA | NA |
| 9/11/2018 | 17.0 | 2.03 | 12.5 | 18.7 | 187.5 | 143.5 | NA | NA | NA | NA | NA | NA |
| 9/12/2018 | 18.4 | 0.52 | 16.9 | 18.8 | 205.9 | 157.9 | NA | NA | NA | NA | NA | NA |
| 9/13/2018 | 18.2 | 0.78 | 16.3 | 18.7 | 224.2 | 172.2 | NA | NA | NA | NA | NA | NA |
| 9/14/2018 | 16.4 | 2.22 | 11.5 | 18.3 | 240.6 | 184.6 | NA | NA | NA | NA | NA | NA |
| 9/15/2018 | 18.2 | 0.71 | 16.6 | 18.9 | 258.8 | 198.8 | NA | NA | NA | NA | NA | NA |
| 9/16/2018 | 18.8 | 0.24 | 18.4 | 19.1 | 277.7 | 213.7 | NA | NA | NA | NA | NA | NA |
| 9/17/2018 | 18.8 | 0.40 | 18.0 | 19.1 | 296.4 | 228.4 | NA | NA | NA | NA | NA | NA |
| 9/18/2018 | 19.1 | 0.12 | 18.9 | 19.2 | 315.6 | 243.6 | NA | NA | NA | NA | NA | NA |
| 9/19/2018 | 13.9 | 3.15 | 9.6 | 18.9 | 329.5 | 253.5 | NA | NA | NA | NA | NA | NA |
| 9/20/2018 | 12.9 | 1.17 | 10.9 | 14.8 | 342.4 | 262.4 | NA | NA | NA | NA | NA | NA |
| 9/21/2018 | 12.3 | 1.13 | 10.6 | 14.1 | 354.7 | 270.7 | NA | NA | NA | NA | NA | NA |
| 9/22/2018 | 16.0 | 1.78 | 11.7 | 17.2 | 370.7 | 282.7 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/23/2018 | 16.8 | 0.21 | 16.6 | 17.2 | 387.5 | 295.5 | NA | NA | NA | NA | NA | NA |
| 9/24/2018 | 16.9 | 0.12 | 16.7 | 17.1 | 404.4 | 308.4 | NA | NA | NA | NA | NA | NA |
| 9/25/2018 | 13.8 | 1.47 | 11.9 | 16.6 | 418.2 | 318.2 | NA | NA | NA | NA | NA | NA |
| 9/26/2018 | 14.3 | 0.81 | 12.9 | 15.4 | 432.5 | 328.5 | NA | NA | NA | NA | NA | NA |
| 9/27/2018 | 15.5 | 0.31 | 15.1 | 16.0 | 448.0 | 340.0 | NA | NA | NA | NA | NA | NA |
| 9/28/2018 | 14.6 | 0.44 | 14.1 | 15.3 | 462.6 | 350.6 | NA | NA | NA | NA | NA | NA |
| 9/29/2018 | 13.9 | 0.33 | 13.3 | 14.5 | 476.5 | 360.5 | NA | NA | NA | NA | NA | NA |
| 9/30/2018 | 13.4 | 0.31 | 13.1 | 14.1 | 489.9 | 369.9 | NA | NA | NA | NA | NA | NA |

October

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/1/2018 | 13.6 | 0.66 | 12.7 | 14.4 | 13.6 | 9.6 | NA | NA | NA | NA | NA | NA |
| 10/2/2018 | 14.3 | 0.31 | 13.6 | 14.6 | 27.9 | 19.9 | NA | NA | NA | NA | NA | NA |
| 10/3/2018 | 13.3 | 0.81 | 11.8 | 14.2 | 41.1 | 29.1 | NA | NA | NA | NA | NA | NA |
| 10/4/2018 | 13.8 | 0.29 | 13.2 | 14.2 | 55.0 | 39.0 | NA | NA | NA | NA | NA | NA |
| 10/5/2018 | 14.4 | 0.11 | 14.1 | 14.5 | 69.3 | 49.3 | NA | NA | NA | NA | NA | NA |
| 10/6/2018 | 13.9 | 0.59 | 12.2 | 14.3 | 83.2 | 59.2 | NA | NA | NA | NA | NA | NA |
| 10/7/2018 | 12.5 | 1.08 | 11.1 | 14.0 | 95.7 | 67.7 | NA | NA | NA | NA | NA | NA |
| 10/8/2018 | 12.7 | 0.52 | 12.1 | 13.6 | 108.4 | 76.4 | NA | NA | NA | NA | NA | NA |
| 10/9/2018 | 13.1 | 0.36 | 12.5 | 13.5 | 121.5 | 85.5 | NA | NA | NA | NA | NA | NA |
| 10/10/2018 | 13.4 | 0.04 | 13.4 | 13.5 | 135.0 | 95.0 | NA | NA | NA | NA | NA | NA |
| 10/11/2018 | 12.9 | 0.61 | 11.8 | 13.5 | 147.9 | 103.9 | NA | NA | NA | NA | NA | NA |
| 10/12/2018 | 9.6 | 1.94 | 7.3 | 12.9 | 157.4 | 109.4 | NA | NA | NA | NA | NA | NA |
| 10/13/2018 | 12.2 | 0.47 | 11.2 | 12.6 | 169.6 | 117.6 | NA | NA | NA | NA | NA | NA |
| 10/14/2018 | 12.5 | 0.11 | 12.2 | 12.6 | 182.0 | 126.0 | NA | NA | NA | NA | NA | NA |
| 10/15/2018 | 12.2 | 0.16 | 11.8 | 12.4 | 194.3 | 134.3 | NA | NA | NA | NA | NA | NA |
| 10/16/2018 | 12.2 | 0.12 | 11.9 | 12.3 | 206.5 | 142.5 | NA | NA | NA | NA | NA | NA |
| 10/17/2018 | 12.1 | 0.06 | 12.0 | 12.2 | 218.6 | 150.6 | NA | NA | NA | NA | NA | NA |
| 10/18/2018 | 12.0 | 0.08 | 11.8 | 12.1 | 230.6 | 158.6 | NA | NA | NA | NA | NA | NA |
| 10/19/2018 | 11.6 | 0.13 | 11.3 | 11.8 | 242.1 | 166.1 | NA | NA | NA | NA | NA | NA |
| 10/20/2018 | 11.4 | 0.24 | 11.0 | 11.6 | 253.6 | 173.6 | NA | NA | NA | NA | NA | NA |
| 10/21/2018 | 11.3 | 0.14 | 11.1 | 11.5 | 264.9 | 180.9 | NA | NA | NA | NA | NA | NA |
| 10/22/2018 | 11.3 | 0.06 | 11.2 | 11.4 | 276.2 | 188.2 | NA | NA | NA | NA | NA | NA |



Daily mean temperature for Margaree, N.S., 2018.

Miminegash, P.E.I.

2018

May

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 5/5/2018 | 3.0 | 0.22 | 2.5 | 3.3 | 3.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/6/2018 | 2.9 | 0.21 | 2.5 | 3.1 | 5.9 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/7/2018 | 2.4 | 0.32 | 2.1 | 3.0 | 8.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/8/2018 | 3.0 | 0.64 | 2.3 | 3.7 | 11.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/9/2018 | 3.6 | 0.07 | 3.5 | 3.7 | 14.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/10/2018 | 3.9 | 0.42 | 3.3 | 4.9 | 18.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/11/2018 | 6.1 | 0.49 | 5.2 | 6.7 | 24.9 | 2.1 | NA | NA | NA | NA | NA | NA |
| 5/12/2018 | 6.3 | 0.43 | 5.3 | 6.7 | 31.2 | 4.4 | NA | NA | NA | NA | NA | NA |
| 5/13/2018 | 5.6 | 0.78 | 4.1 | 6.3 | 36.7 | 6.0 | NA | NA | NA | NA | NA | NA |
| 5/14/2018 | 6.1 | 0.30 | 5.3 | 6.4 | 42.8 | 8.1 | NA | NA | NA | NA | NA | NA |
| 5/15/2018 | 6.5 | 0.30 | 5.9 | 6.9 | 49.2 | 10.5 | NA | NA | NA | NA | NA | NA |
| 5/16/2018 | 6.1 | 0.67 | 4.9 | 6.8 | 55.3 | 12.6 | NA | NA | NA | NA | NA | NA |
| 5/17/2018 | 6.4 | 0.62 | 5.3 | 7.0 | 61.7 | 15.0 | NA | NA | NA | NA | NA | NA |
| 5/18/2018 | 4.7 | 0.62 | 3.6 | 5.7 | 66.4 | 15.7 | NA | NA | NA | NA | NA | NA |
| 5/19/2018 | 4.9 | 0.61 | 4.2 | 6.4 | 71.3 | 16.6 | NA | NA | NA | NA | NA | NA |
| 5/20/2018 | 5.6 | 0.67 | 4.6 | 6.8 | 76.9 | 18.1 | NA | NA | NA | NA | NA | NA |
| 5/21/2018 | 5.5 | 1.22 | 4.3 | 7.3 | 82.4 | 19.7 | NA | NA | NA | NA | NA | NA |
| 5/22/2018 | 5.4 | 0.94 | 4.5 | 7.6 | 87.8 | 21.1 | NA | NA | NA | NA | NA | NA |
| 5/23/2018 | 5.9 | 1.24 | 3.2 | 7.0 | 93.7 | 22.9 | NA | NA | NA | NA | NA | NA |
| 5/24/2018 | 3.6 | 0.92 | 2.7 | 5.7 | 97.2 | 22.9 | NA | NA | NA | NA | NA | NA |
| 5/25/2018 | 6.6 | 0.29 | 6.1 | 7.0 | 103.8 | 25.5 | NA | NA | NA | NA | NA | NA |
| 5/26/2018 | 6.4 | 0.88 | 4.9 | 7.2 | 110.2 | 27.9 | NA | NA | NA | NA | NA | NA |
| 5/27/2018 | 6.1 | 1.12 | 4.5 | 7.4 | 116.3 | 30.0 | NA | NA | NA | NA | NA | NA |
| 5/28/2018 | 7.6 | 0.61 | 6.4 | 8.3 | 123.9 | 33.6 | NA | NA | NA | NA | NA | NA |
| 5/29/2018 | 8.6 | 0.17 | 8.4 | 8.9 | 132.5 | 38.2 | NA | NA | NA | NA | NA | NA |
| 5/30/2018 | 8.1 | 0.45 | 7.5 | 8.9 | 140.6 | 42.3 | NA | NA | NA | NA | NA | NA |
| 5/31/2018 | 8.6 | 0.54 | 7.8 | 9.5 | 149.2 | 46.9 | NA | NA | NA | NA | NA | NA |

June

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/1/2018 | 9.0 | 0.29 | 8.5 | 9.5 | 9.0 | 5.0 | NA | NA | NA | NA | NA | NA |
| 6/2/2018 | 9.3 | 0.53 | 8.3 | 10.0 | 18.3 | 10.3 | NA | NA | NA | NA | NA | NA |
| 6/3/2018 | 3.3 | 1.84 | 2.5 | 9.1 | 21.7 | 10.3 | NA | NA | NA | NA | NA | NA |
| 6/4/2018 | 5.4 | 0.97 | 4.3 | 6.9 | 27.1 | 11.8 | NA | NA | NA | NA | NA | NA |
| 6/5/2018 | 7.1 | 0.47 | 6.2 | 7.6 | 34.2 | 14.8 | NA | NA | NA | NA | NA | NA |
| 6/6/2018 | 7.8 | 0.55 | 7.3 | 8.9 | 42.0 | 18.7 | NA | NA | NA | NA | NA | NA |
| 6/7/2018 | 8.9 | 0.26 | 8.5 | 9.4 | 51.0 | 23.6 | NA | NA | NA | NA | NA | NA |
| 6/8/2018 | 9.6 | 0.22 | 9.4 | 10.0 | 60.6 | 29.2 | NA | NA | NA | NA | NA | NA |
| 6/9/2018 | 9.3 | 0.30 | 8.7 | 9.7 | 69.9 | 34.5 | NA | NA | NA | NA | NA | NA |
| 6/10/2018 | 8.4 | 0.21 | 8.2 | 8.8 | 78.3 | 38.9 | NA | NA | NA | NA | NA | NA |
| 6/11/2018 | 8.4 | 0.28 | 8.1 | 9.0 | 86.7 | 43.4 | NA | NA | NA | NA | NA | NA |
| 6/12/2018 | 9.3 | 0.66 | 8.3 | 10.2 | 96.1 | 48.7 | NA | NA | NA | NA | NA | NA |
| 6/13/2018 | 10.4 | 0.18 | 10.1 | 10.7 | 106.4 | 55.1 | NA | NA | NA | NA | NA | NA |
| 6/14/2018 | 9.0 | 1.10 | 7.7 | 10.6 | 115.5 | 60.1 | NA | NA | NA | NA | NA | NA |
| 6/15/2018 | 8.5 | 1.15 | 7.3 | 10.1 | 124.0 | 64.6 | NA | NA | NA | NA | NA | NA |
| 6/16/2018 | 9.9 | 0.54 | 9.2 | 10.7 | 133.9 | 70.5 | NA | NA | NA | NA | NA | NA |
| 6/17/2018 | 9.4 | 0.56 | 8.8 | 10.2 | 143.3 | 75.9 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/18/2018 | 10.2 | 0.11 | 10.0 | 10.4 | 153.5 | 82.2 | NA | NA | NA | NA | NA | NA |
| 6/19/2018 | 10.6 | 0.19 | 10.4 | 10.9 | 164.1 | 88.8 | NA | NA | NA | NA | NA | NA |
| 6/20/2018 | 11.1 | 0.39 | 10.7 | 11.9 | 175.2 | 95.8 | NA | NA | NA | NA | NA | NA |
| 6/21/2018 | 11.8 | 0.21 | 11.4 | 12.1 | 187.0 | 103.7 | NA | NA | NA | NA | NA | NA |
| 6/22/2018 | 11.7 | 0.47 | 11.3 | 12.9 | 198.7 | 111.3 | NA | NA | NA | NA | NA | NA |
| 6/23/2018 | 13.3 | 0.40 | 12.1 | 13.7 | 212.0 | 120.6 | NA | NA | NA | NA | NA | NA |
| 6/24/2018 | 13.6 | 0.17 | 13.3 | 13.8 | 225.5 | 130.2 | NA | NA | NA | NA | NA | NA |
| 6/25/2018 | 8.8 | 1.68 | 6.4 | 12.5 | 234.4 | 135.0 | NA | NA | NA | NA | NA | NA |
| 6/26/2018 | 7.9 | 1.88 | 5.4 | 10.1 | 242.3 | 138.9 | NA | NA | NA | NA | NA | NA |
| 6/27/2018 | 12.2 | 0.64 | 11.2 | 13.1 | 254.5 | 147.1 | NA | NA | NA | NA | NA | NA |
| 6/28/2018 | 13.3 | 0.20 | 13.1 | 13.6 | 267.8 | 156.4 | NA | NA | NA | NA | NA | NA |
| 6/29/2018 | 13.4 | 0.23 | 13.0 | 13.7 | 281.2 | 165.8 | NA | NA | NA | NA | NA | NA |
| 6/30/2018 | 13.3 | 0.19 | 13.0 | 13.7 | 294.5 | 175.2 | NA | NA | NA | NA | NA | NA |

July

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/1/2018 | 13.6 | 0.79 | 12.6 | 14.6 | 13.6 | 9.6 | NA | NA | NA | NA | NA | NA |
| 7/2/2018 | 12.7 | 0.61 | 11.8 | 14.1 | 26.3 | 18.3 | NA | NA | NA | NA | NA | NA |
| 7/3/2018 | 14.0 | 0.90 | 12.7 | 15.3 | 40.3 | 28.3 | NA | NA | NA | NA | NA | NA |
| 7/4/2018 | 13.6 | 0.43 | 13.1 | 14.3 | 54.0 | 38.0 | NA | NA | NA | NA | NA | NA |
| 7/5/2018 | 13.3 | 0.36 | 12.8 | 14.1 | 67.3 | 47.3 | NA | NA | NA | NA | NA | NA |
| 7/6/2018 | 15.8 | 0.98 | 13.5 | 16.6 | 83.1 | 59.1 | NA | NA | NA | NA | NA | NA |
| 7/7/2018 | 16.2 | 0.27 | 15.6 | 16.5 | 99.3 | 71.3 | NA | NA | NA | NA | NA | NA |
| 7/8/2018 | 16.7 | 0.34 | 16.4 | 17.3 | 116.1 | 84.1 | NA | NA | NA | NA | NA | NA |
| 7/9/2018 | 17.0 | 0.19 | 16.6 | 17.2 | 133.0 | 97.0 | NA | NA | NA | NA | NA | NA |
| 7/10/2018 | 17.2 | 0.10 | 17.0 | 17.3 | 150.2 | 110.2 | NA | NA | NA | NA | NA | NA |
| 7/11/2018 | 13.5 | 2.40 | 10.8 | 17.1 | 163.7 | 119.7 | NA | NA | NA | NA | NA | NA |
| 7/12/2018 | 12.8 | 1.30 | 10.8 | 14.7 | 176.4 | 128.4 | NA | NA | NA | NA | NA | NA |
| 7/13/2018 | 13.0 | 0.73 | 11.9 | 14.1 | 189.4 | 137.4 | NA | NA | NA | NA | NA | NA |
| 7/14/2018 | 14.0 | 0.90 | 12.2 | 15.3 | 203.4 | 147.4 | NA | NA | NA | NA | NA | NA |
| 7/15/2018 | 13.8 | 0.43 | 13.3 | 14.7 | 217.2 | 157.2 | NA | NA | NA | NA | NA | NA |
| 7/16/2018 | 13.9 | 0.27 | 13.6 | 14.4 | 231.1 | 167.1 | NA | NA | NA | NA | NA | NA |
| 7/17/2018 | 14.0 | 0.47 | 13.4 | 15.2 | 245.1 | 177.1 | NA | NA | NA | NA | NA | NA |
| 7/18/2018 | 15.3 | 0.92 | 14.5 | 17.4 | 260.4 | 188.4 | NA | NA | NA | NA | NA | NA |
| 7/19/2018 | 14.5 | 0.32 | 14.1 | 15.0 | 274.9 | 198.9 | NA | NA | NA | NA | NA | NA |
| 7/20/2018 | 14.6 | 0.59 | 13.8 | 15.8 | 289.4 | 209.4 | NA | NA | NA | NA | NA | NA |
| 7/21/2018 | 15.0 | 0.37 | 14.4 | 15.5 | 304.4 | 220.4 | NA | NA | NA | NA | NA | NA |
| 7/22/2018 | 14.9 | 0.34 | 14.4 | 15.5 | 319.3 | 231.3 | NA | NA | NA | NA | NA | NA |
| 7/23/2018 | 17.2 | 1.29 | 15.4 | 18.8 | 336.5 | 244.5 | NA | NA | NA | NA | NA | NA |
| 7/24/2018 | 19.4 | 0.45 | 18.6 | 20.3 | 355.9 | 259.9 | NA | NA | NA | NA | NA | NA |
| 7/25/2018 | 20.3 | 0.36 | 19.8 | 20.9 | 376.2 | 276.2 | NA | NA | NA | NA | NA | NA |
| 7/26/2018 | 20.8 | 0.14 | 20.6 | 21.0 | 397.0 | 293.0 | NA | NA | NA | NA | NA | NA |
| 7/27/2018 | 21.1 | 0.22 | 20.9 | 21.5 | 418.1 | 310.1 | NA | NA | NA | NA | NA | NA |
| 7/28/2018 | 21.0 | 0.60 | 20.2 | 21.8 | 439.2 | 327.2 | NA | NA | NA | NA | NA | NA |
| 7/29/2018 | 20.0 | 1.81 | 16.1 | 21.6 | 459.1 | 343.1 | NA | NA | NA | NA | NA | NA |
| 7/30/2018 | 18.9 | 1.26 | 17.3 | 20.7 | 478.0 | 358.0 | NA | NA | NA | NA | NA | NA |
| 7/31/2018 | 17.4 | 1.43 | 15.1 | 19.5 | 495.4 | 371.4 | NA | NA | NA | NA | NA | NA |

August

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/1/2018 | 15.9 | 1.15 | 13.8 | 18.2 | 15.9 | 11.9 | NA | NA | NA | NA | NA | NA |
| 8/2/2018 | 20.6 | 0.83 | 18.5 | 21.4 | 36.6 | 28.6 | NA | NA | NA | NA | NA | NA |
| 8/3/2018 | 18.9 | 2.67 | 14.5 | 21.5 | 55.5 | 43.5 | NA | NA | NA | NA | NA | NA |
| 8/4/2018 | 16.1 | 1.05 | 14.2 | 17.7 | 71.6 | 55.6 | NA | NA | NA | NA | NA | NA |
| 8/5/2018 | 15.3 | 1.65 | 12.1 | 17.4 | 86.8 | 66.8 | NA | NA | NA | NA | NA | NA |
| 8/6/2018 | 14.2 | 2.02 | 11.4 | 17.3 | 101.0 | 77.0 | NA | NA | NA | NA | NA | NA |
| 8/7/2018 | 14.4 | 1.30 | 12.5 | 16.3 | 115.4 | 87.4 | NA | NA | NA | NA | NA | NA |
| 8/8/2018 | 16.7 | 0.84 | 15.3 | 18.0 | 132.1 | 100.1 | NA | NA | NA | NA | NA | NA |
| 8/9/2018 | 16.3 | 2.13 | 13.8 | 21.2 | 148.4 | 112.4 | NA | NA | NA | NA | NA | NA |
| 8/10/2018 | 19.1 | 1.93 | 16.0 | 21.5 | 167.5 | 127.5 | NA | NA | NA | NA | NA | NA |
| 8/11/2018 | 20.5 | 0.88 | 18.7 | 21.1 | 187.9 | 143.9 | NA | NA | NA | NA | NA | NA |
| 8/12/2018 | 17.1 | 1.16 | 15.7 | 19.2 | 205.1 | 157.1 | NA | NA | NA | NA | NA | NA |
| 8/13/2018 | 15.7 | 0.53 | 14.9 | 16.3 | 220.8 | 168.8 | NA | NA | NA | NA | NA | NA |
| 8/14/2018 | 15.8 | 0.31 | 15.4 | 16.4 | 236.6 | 180.6 | NA | NA | NA | NA | NA | NA |
| 8/15/2018 | 16.6 | 1.08 | 15.7 | 19.4 | 253.2 | 193.2 | NA | NA | NA | NA | NA | NA |
| 8/16/2018 | 15.6 | 1.63 | 13.3 | 17.7 | 268.7 | 204.7 | NA | NA | NA | NA | NA | NA |
| 8/17/2018 | 14.7 | 1.21 | 13.0 | 16.5 | 283.4 | 215.4 | NA | NA | NA | NA | NA | NA |
| 8/18/2018 | 16.4 | 0.81 | 15.5 | 18.5 | 299.8 | 227.8 | NA | NA | NA | NA | NA | NA |
| 8/19/2018 | 15.2 | 0.56 | 14.2 | 16.0 | 315.0 | 239.0 | NA | NA | NA | NA | NA | NA |
| 8/20/2018 | 16.1 | 0.56 | 15.1 | 16.6 | 331.1 | 251.1 | NA | NA | NA | NA | NA | NA |
| 8/21/2018 | 16.6 | 0.71 | 15.6 | 17.4 | 347.8 | 263.8 | NA | NA | NA | NA | NA | NA |
| 8/22/2018 | 18.1 | 0.64 | 17.2 | 18.8 | 365.8 | 277.8 | NA | NA | NA | NA | NA | NA |
| 8/23/2018 | 19.0 | 0.38 | 18.2 | 19.4 | 384.9 | 292.9 | NA | NA | NA | NA | NA | NA |
| 8/24/2018 | 19.3 | 0.16 | 19.1 | 19.6 | 404.2 | 308.2 | NA | NA | NA | NA | NA | NA |
| 8/25/2018 | 19.7 | 0.22 | 19.5 | 20.1 | 423.9 | 323.9 | NA | NA | NA | NA | NA | NA |
| 8/26/2018 | 19.9 | 0.05 | 19.9 | 20.0 | 443.9 | 339.9 | NA | NA | NA | NA | NA | NA |
| 8/27/2018 | 19.9 | 0.16 | 19.7 | 20.3 | 463.8 | 355.8 | NA | NA | NA | NA | NA | NA |
| 8/28/2018 | 20.0 | 0.40 | 19.5 | 20.6 | 483.8 | 371.8 | NA | NA | NA | NA | NA | NA |
| 8/29/2018 | 19.4 | 1.39 | 17.1 | 20.6 | 503.3 | 387.3 | NA | NA | NA | NA | NA | NA |
| 8/30/2018 | 19.0 | 0.92 | 17.4 | 20.1 | 522.3 | 402.3 | NA | NA | NA | NA | NA | NA |
| 8/31/2018 | 15.2 | 2.30 | 12.0 | 19.0 | 537.5 | 413.5 | NA | NA | NA | NA | NA | NA |

September

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/1/2018 | 15.0 | 0.95 | 13.7 | 16.9 | 15.0 | 11.0 | NA | NA | NA | NA | NA | NA |
| 9/2/2018 | 18.1 | 1.07 | 15.6 | 18.8 | 33.1 | 25.1 | NA | NA | NA | NA | NA | NA |
| 9/3/2018 | 17.8 | 0.25 | 17.5 | 18.1 | 51.0 | 39.0 | NA | NA | NA | NA | NA | NA |
| 9/4/2018 | 18.1 | 0.22 | 17.6 | 18.4 | 69.1 | 53.1 | NA | NA | NA | NA | NA | NA |
| 9/5/2018 | 17.7 | 0.28 | 17.3 | 18.2 | 86.8 | 66.8 | NA | NA | NA | NA | NA | NA |
| 9/6/2018 | 18.7 | 0.32 | 18.0 | 19.0 | 105.5 | 81.5 | NA | NA | NA | NA | NA | NA |
| 9/7/2018 | 17.6 | 1.08 | 15.9 | 18.7 | 123.2 | 95.2 | NA | NA | NA | NA | NA | NA |
| 9/8/2018 | 18.4 | 0.16 | 18.2 | 18.8 | 141.6 | 109.6 | NA | NA | NA | NA | NA | NA |
| 9/9/2018 | 16.0 | 1.09 | 14.3 | 17.6 | 157.6 | 121.6 | NA | NA | NA | NA | NA | NA |
| 9/10/2018 | 16.0 | 0.75 | 14.8 | 17.2 | 173.6 | 133.6 | NA | NA | NA | NA | NA | NA |
| 9/11/2018 | 16.8 | 0.51 | 15.7 | 17.2 | 190.4 | 146.4 | NA | NA | NA | NA | NA | NA |
| 9/12/2018 | 17.2 | 0.06 | 17.2 | 17.4 | 207.6 | 159.6 | NA | NA | NA | NA | NA | NA |
| 9/13/2018 | 17.2 | 0.18 | 16.9 | 17.3 | 224.8 | 172.8 | NA | NA | NA | NA | NA | NA |
| 9/14/2018 | 16.8 | 0.44 | 15.8 | 17.2 | 241.5 | 185.5 | NA | NA | NA | NA | NA | NA |
| 9/15/2018 | 17.4 | 0.57 | 16.3 | 18.3 | 259.0 | 199.0 | NA | NA | NA | NA | NA | NA |
| 9/16/2018 | 17.2 | 0.97 | 15.6 | 18.4 | 276.2 | 212.2 | NA | NA | NA | NA | NA | NA |
| 9/17/2018 | 17.3 | 0.81 | 15.8 | 18.1 | 293.5 | 225.5 | NA | NA | NA | NA | NA | NA |
| 9/18/2018 | 15.9 | 3.33 | 8.8 | 18.1 | 309.4 | 237.4 | NA | NA | NA | NA | NA | NA |
| 9/19/2018 | 7.3 | 0.51 | 6.4 | 8.1 | 316.8 | 240.8 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/20/2018 | 12.0 | 1.38 | 10.2 | 13.9 | 328.8 | 248.8 | NA | NA | NA | NA | NA | NA |
| 9/21/2018 | 14.3 | 0.51 | 13.4 | 14.9 | 343.1 | 259.1 | NA | NA | NA | NA | NA | NA |
| 9/22/2018 | 15.0 | 0.19 | 14.6 | 15.2 | 358.1 | 270.1 | NA | NA | NA | NA | NA | NA |
| 9/23/2018 | 14.9 | 0.11 | 14.7 | 15.0 | 373.0 | 281.0 | NA | NA | NA | NA | NA | NA |
| 9/24/2018 | 14.3 | 0.23 | 13.7 | 14.6 | 387.3 | 291.3 | NA | NA | NA | NA | NA | NA |
| 9/25/2018 | 14.2 | 0.17 | 13.9 | 14.5 | 401.5 | 301.5 | NA | NA | NA | NA | NA | NA |
| 9/26/2018 | 14.3 | 0.32 | 13.6 | 14.6 | 415.8 | 311.8 | NA | NA | NA | NA | NA | NA |
| 9/27/2018 | 14.7 | 0.03 | 14.6 | 14.8 | 430.5 | 322.5 | NA | NA | NA | NA | NA | NA |
| 9/28/2018 | 14.4 | 0.28 | 13.9 | 14.8 | 444.9 | 332.9 | NA | NA | NA | NA | NA | NA |
| 9/29/2018 | 14.0 | 0.20 | 13.6 | 14.2 | 458.9 | 342.9 | NA | NA | NA | NA | NA | NA |
| 9/30/2018 | 14.0 | 0.05 | 13.9 | 14.1 | 472.8 | 352.8 | NA | NA | NA | NA | NA | NA |

October

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/1/2018 | 14.0 | 0.04 | 13.9 | 14.0 | 14.0 | 10.0 | NA | NA | NA | NA | NA | NA |
| 10/2/2018 | 13.8 | 0.05 | 13.8 | 13.9 | 27.8 | 19.8 | NA | NA | NA | NA | NA | NA |
| 10/3/2018 | 13.6 | 0.15 | 13.3 | 13.8 | 41.4 | 29.4 | NA | NA | NA | NA | NA | NA |
| 10/4/2018 | 13.7 | 0.14 | 13.6 | 14.0 | 55.2 | 39.2 | NA | NA | NA | NA | NA | NA |
| 10/5/2018 | 13.8 | 0.10 | 13.7 | 14.0 | 69.0 | 49.0 | NA | NA | NA | NA | NA | NA |
| 10/6/2018 | 13.5 | 0.08 | 13.4 | 13.7 | 82.5 | 58.5 | NA | NA | NA | NA | NA | NA |
| 10/7/2018 | 13.3 | 0.07 | 13.2 | 13.4 | 95.8 | 67.8 | NA | NA | NA | NA | NA | NA |
| 10/8/2018 | 13.0 | 0.08 | 12.9 | 13.1 | 108.8 | 76.8 | NA | NA | NA | NA | NA | NA |
| 10/9/2018 | 12.9 | 0.04 | 12.9 | 13.0 | 121.7 | 85.7 | NA | NA | NA | NA | NA | NA |
| 10/10/2018 | 12.8 | 0.12 | 12.6 | 12.9 | 134.6 | 94.6 | NA | NA | NA | NA | NA | NA |
| 10/11/2018 | 12.4 | 0.17 | 12.3 | 12.8 | 147.0 | 103.0 | NA | NA | NA | NA | NA | NA |
| 10/12/2018 | 12.1 | 0.07 | 12.0 | 12.3 | 159.1 | 111.1 | NA | NA | NA | NA | NA | NA |
| 10/13/2018 | 11.8 | 0.09 | 11.7 | 12.0 | 170.9 | 118.9 | NA | NA | NA | NA | NA | NA |
| 10/14/2018 | 11.2 | 0.21 | 10.9 | 11.6 | 182.2 | 126.2 | NA | NA | NA | NA | NA | NA |
| 10/15/2018 | 10.7 | 0.29 | 10.1 | 11.0 | 192.9 | 132.9 | NA | NA | NA | NA | NA | NA |
| 10/16/2018 | 11.0 | 0.20 | 10.7 | 11.3 | 203.9 | 139.9 | NA | NA | NA | NA | NA | NA |
| 10/17/2018 | 10.5 | 0.22 | 10.1 | 10.8 | 214.4 | 146.4 | NA | NA | NA | NA | NA | NA |
| 10/18/2018 | 10.5 | 0.36 | 9.6 | 10.8 | 224.9 | 152.9 | NA | NA | NA | NA | NA | NA |
| 10/19/2018 | 9.8 | 0.28 | 9.3 | 10.3 | 234.7 | 158.7 | NA | NA | NA | NA | NA | NA |
| 10/20/2018 | 9.6 | 0.25 | 9.1 | 9.9 | 244.4 | 164.4 | NA | NA | NA | NA | NA | NA |
| 10/21/2018 | 9.6 | 0.08 | 9.4 | 9.7 | 254.0 | 170.0 | NA | NA | NA | NA | NA | NA |
| 10/22/2018 | 9.1 | 0.36 | 8.5 | 9.6 | 263.1 | 175.1 | NA | NA | NA | NA | NA | NA |
| 10/23/2018 | 8.6 | 0.26 | 8.0 | 9.0 | 271.7 | 179.7 | NA | NA | NA | NA | NA | NA |
| 10/24/2018 | 8.5 | 0.13 | 8.3 | 8.7 | 280.2 | 184.2 | NA | NA | NA | NA | NA | NA |
| 10/25/2018 | 8.1 | 0.35 | 7.5 | 8.6 | 288.3 | 188.3 | NA | NA | NA | NA | NA | NA |
| 10/26/2018 | 7.2 | 0.37 | 6.8 | 7.9 | 295.5 | 191.5 | NA | NA | NA | NA | NA | NA |
| 10/27/2018 | 6.5 | 0.35 | 6.0 | 7.1 | 302.0 | 194.0 | NA | NA | NA | NA | NA | NA |
| 10/28/2018 | 7.1 | 0.16 | 6.8 | 7.3 | 309.1 | 197.1 | NA | NA | NA | NA | NA | NA |
| 10/29/2018 | 7.3 | 0.09 | 7.2 | 7.4 | 316.4 | 200.4 | NA | NA | NA | NA | NA | NA |
| 10/30/2018 | 7.4 | 0.04 | 7.3 | 7.5 | 323.8 | 203.8 | NA | NA | NA | NA | NA | NA |
| 10/31/2018 | 7.4 | 0.06 | 7.3 | 7.5 | 331.2 | 207.2 | NA | NA | NA | NA | NA | NA |

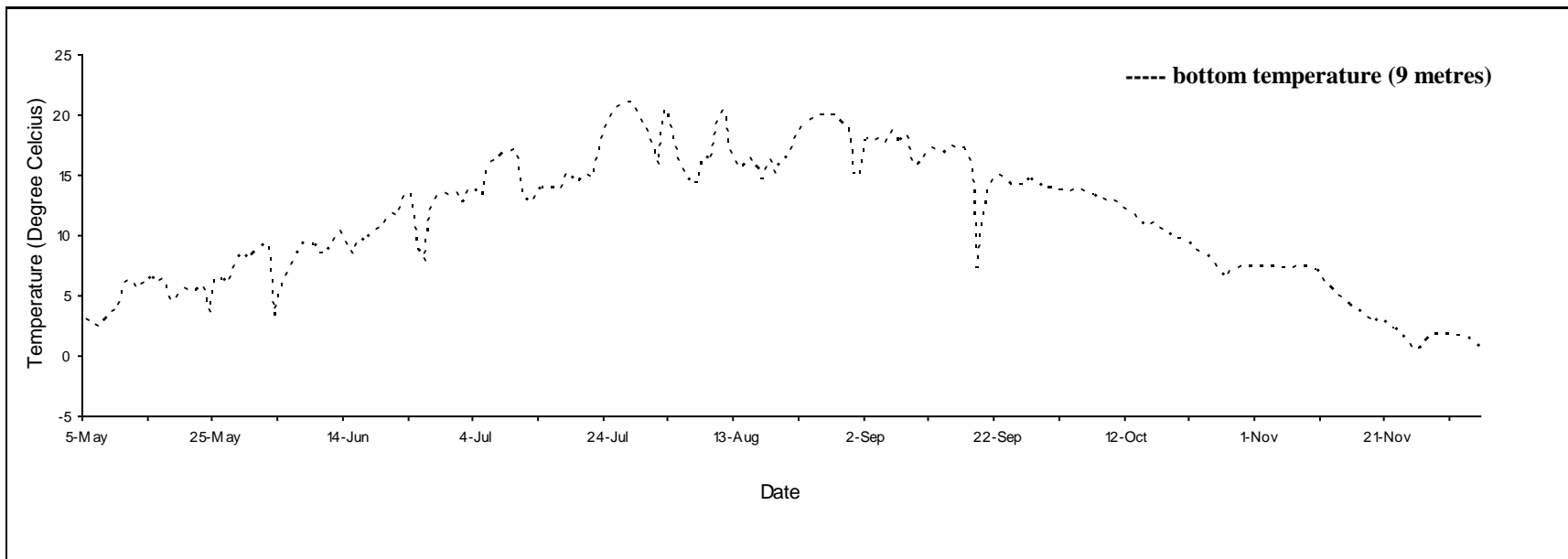
November

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 11/1/2018 | 7.4 | 0.03 | 7.4 | 7.5 | 7.4 | 3.4 | NA | NA | NA | NA | NA | NA |
| 11/2/2018 | 7.4 | 0.02 | 7.4 | 7.4 | 14.9 | 6.9 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 11/3/2018 | 7.4 | 0.04 | 7.4 | 7.5 | 22.3 | 10.3 | NA | NA | NA | NA | NA | NA |
| 11/4/2018 | 7.4 | 0.09 | 7.2 | 7.5 | 29.7 | 13.7 | NA | NA | NA | NA | NA | NA |
| 11/5/2018 | 7.3 | 0.05 | 7.3 | 7.4 | 37.0 | 17.0 | NA | NA | NA | NA | NA | NA |
| 11/6/2018 | 7.3 | 0.02 | 7.2 | 7.3 | 44.3 | 20.3 | NA | NA | NA | NA | NA | NA |
| 11/7/2018 | 7.4 | 0.10 | 7.3 | 7.5 | 51.7 | 23.7 | NA | NA | NA | NA | NA | NA |
| 11/8/2018 | 7.5 | 0.04 | 7.4 | 7.5 | 59.2 | 27.2 | NA | NA | NA | NA | NA | NA |
| 11/9/2018 | 7.4 | 0.06 | 7.3 | 7.5 | 66.6 | 30.6 | NA | NA | NA | NA | NA | NA |
| 11/10/2018 | 7.1 | 0.14 | 7.0 | 7.3 | 73.7 | 33.7 | NA | NA | NA | NA | NA | NA |
| 11/11/2018 | 6.5 | 0.29 | 6.0 | 6.9 | 80.2 | 36.2 | NA | NA | NA | NA | NA | NA |
| 11/12/2018 | 5.7 | 0.34 | 5.2 | 6.2 | 85.9 | 37.9 | NA | NA | NA | NA | NA | NA |
| 11/13/2018 | 5.2 | 0.28 | 4.9 | 5.9 | 91.1 | 39.1 | NA | NA | NA | NA | NA | NA |
| 11/14/2018 | 4.9 | 0.24 | 4.4 | 5.3 | 96.0 | 40.0 | NA | NA | NA | NA | NA | NA |
| 11/15/2018 | 4.2 | 0.15 | 4.1 | 4.6 | 100.2 | 40.2 | NA | NA | NA | NA | NA | NA |
| 11/16/2018 | 4.0 | 0.14 | 3.7 | 4.1 | 104.1 | 40.2 | NA | NA | NA | NA | NA | NA |
| 11/17/2018 | 3.5 | 0.12 | 3.2 | 3.7 | 107.6 | 40.2 | NA | NA | NA | NA | NA | NA |
| 11/18/2018 | 3.1 | 0.37 | 2.5 | 3.6 | 110.8 | 40.2 | NA | NA | NA | NA | NA | NA |
| 11/19/2018 | 2.7 | 0.29 | 2.1 | 3.1 | 113.5 | 40.2 | NA | NA | NA | NA | NA | NA |
| 11/20/2018 | 3.2 | 0.36 | 2.4 | 3.5 | 116.6 | 40.2 | NA | NA | NA | NA | NA | NA |
| 11/21/2018 | 2.6 | 0.28 | 2.2 | 3.1 | 119.3 | 40.2 | NA | NA | NA | NA | NA | NA |
| 11/22/2018 | 2.3 | 0.49 | 1.2 | 2.7 | 121.5 | 40.2 | NA | NA | NA | NA | NA | NA |
| 11/23/2018 | 1.8 | 0.44 | 0.9 | 2.6 | 123.3 | 40.2 | NA | NA | NA | NA | NA | NA |
| 11/24/2018 | 1.4 | 0.50 | 0.7 | 2.3 | 124.7 | 40.2 | NA | NA | NA | NA | NA | NA |
| 11/25/2018 | 0.6 | 0.16 | 0.3 | 0.8 | 125.3 | 40.2 | NA | NA | NA | NA | NA | NA |
| 11/26/2018 | 0.6 | 0.08 | 0.5 | 0.8 | 126.0 | 40.2 | NA | NA | NA | NA | NA | NA |
| 11/27/2018 | 1.4 | 0.15 | 1.2 | 1.8 | 127.4 | 40.2 | NA | NA | NA | NA | NA | NA |
| 11/28/2018 | 1.8 | 0.22 | 1.5 | 2.1 | 129.1 | 40.2 | NA | NA | NA | NA | NA | NA |
| 11/29/2018 | 1.9 | 0.15 | 1.6 | 2.1 | 131.0 | 40.2 | NA | NA | NA | NA | NA | NA |
| 11/30/2018 | 1.8 | 0.04 | 1.7 | 1.9 | 132.8 | 40.2 | NA | NA | NA | NA | NA | NA |

December

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 12/1/2018 | 1.8 | 0.05 | 1.7 | 1.8 | 1.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/2/2018 | 1.6 | 0.06 | 1.5 | 1.7 | 3.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/3/2018 | 1.7 | 0.10 | 1.5 | 1.8 | 5.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/4/2018 | 1.3 | 0.12 | 1.1 | 1.4 | 6.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/5/2018 | 0.8 | 0.18 | 0.6 | 1.1 | 7.1 | 0.0 | NA | NA | NA | NA | NA | NA |



Daily mean temperature for Miminegash, P.E.I., 2018.

Miscou, N.B.

2018

April

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 4/27/2018 | 1.0 | 0.53 | 0.1 | 1.6 | 1.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/28/2018 | 0.6 | 0.64 | -0.3 | 1.6 | 1.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/29/2018 | 0.4 | 0.52 | -0.2 | 1.1 | 2.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/30/2018 | -0.1 | 0.28 | -0.7 | 0.4 | 2.0 | 0.0 | NA | NA | NA | NA | NA | NA |

May

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 5/1/2018 | -0.5 | 0.36 | -0.9 | 0.3 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/2/2018 | 0.1 | 0.39 | -0.4 | 0.8 | 0.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/3/2018 | -0.1 | 0.66 | -0.7 | 1.6 | 0.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/4/2018 | 0.0 | 0.38 | -0.6 | 0.6 | 0.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/5/2018 | 0.8 | 0.98 | -0.4 | 2.4 | 0.9 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/6/2018 | 2.3 | 0.26 | 1.6 | 2.5 | 3.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/7/2018 | 2.1 | 0.34 | 1.7 | 2.7 | 5.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/8/2018 | 2.8 | 0.49 | 2.1 | 3.3 | 8.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/9/2018 | 2.3 | 0.65 | 1.3 | 3.2 | 10.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/10/2018 | 1.4 | 0.57 | 0.7 | 2.2 | 11.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/11/2018 | 2.7 | 1.56 | 0.4 | 4.6 | 14.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/12/2018 | 4.6 | 0.28 | 4.3 | 5.0 | 19.0 | 0.6 | NA | NA | NA | NA | NA | NA |
| 5/13/2018 | 4.9 | 0.51 | 3.7 | 5.3 | 23.8 | 1.4 | NA | NA | NA | NA | NA | NA |
| 5/14/2018 | 3.7 | 0.91 | 2.0 | 5.3 | 27.5 | 1.4 | NA | NA | NA | NA | NA | NA |
| 5/15/2018 | 2.5 | 0.97 | 1.4 | 4.6 | 30.0 | 1.4 | NA | NA | NA | NA | NA | NA |
| 5/16/2018 | 2.2 | 0.96 | 0.5 | 4.0 | 32.2 | 1.4 | NA | NA | NA | NA | NA | NA |
| 5/17/2018 | 2.6 | 0.87 | 1.2 | 4.1 | 34.8 | 1.4 | NA | NA | NA | NA | NA | NA |
| 5/18/2018 | 3.7 | 0.58 | 2.5 | 4.5 | 38.5 | 1.4 | NA | NA | NA | NA | NA | NA |
| 5/19/2018 | 3.8 | 0.84 | 2.5 | 4.9 | 42.4 | 1.4 | NA | NA | NA | NA | NA | NA |
| 5/20/2018 | 3.0 | 1.07 | 1.6 | 5.0 | 45.4 | 1.4 | NA | NA | NA | NA | NA | NA |
| 5/21/2018 | 3.7 | 0.77 | 2.5 | 5.1 | 49.0 | 1.4 | NA | NA | NA | NA | NA | NA |
| 5/22/2018 | 5.3 | 0.50 | 4.4 | 5.8 | 54.3 | 2.7 | NA | NA | NA | NA | NA | NA |
| 5/23/2018 | 3.4 | 0.92 | 2.3 | 5.4 | 57.7 | 2.7 | NA | NA | NA | NA | NA | NA |
| 5/24/2018 | 3.3 | 0.47 | 2.7 | 3.9 | 61.0 | 2.7 | NA | NA | NA | NA | NA | NA |
| 5/25/2018 | 3.7 | 1.01 | 2.3 | 5.4 | 64.7 | 2.7 | NA | NA | NA | NA | NA | NA |
| 5/26/2018 | 2.8 | 0.50 | 2.1 | 3.7 | 67.5 | 2.7 | NA | NA | NA | NA | NA | NA |
| 5/27/2018 | 3.2 | 0.79 | 2.0 | 4.6 | 70.7 | 2.7 | NA | NA | NA | NA | NA | NA |
| 5/28/2018 | 4.2 | 1.35 | 2.3 | 6.1 | 74.9 | 2.9 | NA | NA | NA | NA | NA | NA |
| 5/29/2018 | 3.9 | 1.43 | 1.9 | 5.7 | 78.8 | 2.9 | NA | NA | NA | NA | NA | NA |
| 5/30/2018 | 3.6 | 0.97 | 2.2 | 4.9 | 82.4 | 2.9 | NA | NA | NA | NA | NA | NA |
| 5/31/2018 | 4.7 | 1.43 | 2.9 | 7.6 | 87.1 | 3.6 | NA | NA | NA | NA | NA | NA |

June

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/1/2018 | 3.4 | 1.52 | 1.7 | 6.6 | 3.4 | 0.0 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/2/2018 | 2.0 | 0.93 | 0.6 | 4.2 | 5.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 6/3/2018 | 1.1 | 0.41 | 0.6 | 2.0 | 6.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 6/4/2018 | 3.5 | 1.04 | 2.3 | 5.6 | 10.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 6/5/2018 | 4.0 | 0.93 | 2.8 | 5.3 | 14.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 6/6/2018 | 4.2 | 0.95 | 3.0 | 5.9 | 18.3 | 0.2 | NA | NA | NA | NA | NA | NA |
| 6/7/2018 | 4.2 | 0.86 | 2.8 | 5.3 | 22.5 | 0.4 | NA | NA | NA | NA | NA | NA |
| 6/8/2018 | 5.2 | 0.96 | 3.8 | 7.1 | 27.6 | 1.6 | NA | NA | NA | NA | NA | NA |
| 6/9/2018 | 7.6 | 1.84 | 4.6 | 10.1 | 35.2 | 5.1 | NA | NA | NA | NA | NA | NA |
| 6/10/2018 | 5.8 | 1.88 | 3.4 | 9.0 | 41.0 | 6.9 | NA | NA | NA | NA | NA | NA |
| 6/11/2018 | 5.3 | 1.63 | 3.0 | 7.8 | 46.3 | 8.2 | NA | NA | NA | NA | NA | NA |
| 6/12/2018 | 6.0 | 2.26 | 2.7 | 10.0 | 52.2 | 10.2 | NA | NA | NA | NA | NA | NA |
| 6/13/2018 | 7.7 | 3.44 | 2.0 | 11.6 | 60.0 | 13.9 | NA | NA | NA | NA | NA | NA |
| 6/14/2018 | 3.7 | 3.06 | 0.6 | 10.5 | 63.7 | 13.9 | NA | NA | NA | NA | NA | NA |
| 6/15/2018 | 3.3 | 1.48 | 1.0 | 5.5 | 67.0 | 13.9 | NA | NA | NA | NA | NA | NA |
| 6/16/2018 | 3.7 | 2.24 | 1.5 | 7.4 | 70.6 | 13.9 | NA | NA | NA | NA | NA | NA |
| 6/17/2018 | 3.1 | 1.28 | 1.8 | 5.4 | 73.7 | 13.9 | NA | NA | NA | NA | NA | NA |
| 6/18/2018 | 4.5 | 2.12 | 2.0 | 9.5 | 78.2 | 14.4 | NA | NA | NA | NA | NA | NA |
| 6/19/2018 | 5.0 | 1.25 | 3.3 | 7.5 | 83.3 | 15.5 | NA | NA | NA | NA | NA | NA |
| 6/20/2018 | 6.8 | 1.58 | 4.4 | 9.7 | 90.1 | 18.3 | NA | NA | NA | NA | NA | NA |
| 6/21/2018 | 7.1 | 1.98 | 4.5 | 10.6 | 97.1 | 21.4 | NA | NA | NA | NA | NA | NA |
| 6/22/2018 | 6.6 | 1.70 | 3.9 | 8.6 | 103.7 | 23.9 | NA | NA | NA | NA | NA | NA |
| 6/23/2018 | 6.3 | 1.03 | 4.9 | 7.9 | 110.0 | 26.2 | NA | NA | NA | NA | NA | NA |
| 6/24/2018 | 6.9 | 0.97 | 5.4 | 8.5 | 117.0 | 29.2 | NA | NA | NA | NA | NA | NA |
| 6/25/2018 | 6.3 | 1.10 | 4.1 | 7.8 | 123.2 | 31.4 | NA | NA | NA | NA | NA | NA |
| 6/26/2018 | 6.2 | 0.98 | 4.0 | 7.4 | 129.4 | 33.6 | NA | NA | NA | NA | NA | NA |
| 6/27/2018 | 8.1 | 1.30 | 6.6 | 10.4 | 137.6 | 37.8 | NA | NA | NA | NA | NA | NA |
| 6/28/2018 | 8.2 | 1.50 | 6.5 | 10.5 | 145.7 | 41.9 | NA | NA | NA | NA | NA | NA |
| 6/29/2018 | 8.4 | 1.76 | 6.1 | 10.4 | 154.1 | 46.4 | NA | NA | NA | NA | NA | NA |
| 6/30/2018 | 7.6 | 2.36 | 4.5 | 10.8 | 161.7 | 49.9 | NA | NA | NA | NA | NA | NA |

July

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/1/2018 | 5.8 | 2.22 | 3.8 | 10.7 | 5.8 | 1.8 | NA | NA | NA | NA | NA | NA |
| 7/2/2018 | 5.4 | 0.98 | 3.9 | 6.7 | 11.2 | 3.2 | NA | NA | NA | NA | NA | NA |
| 7/3/2018 | 6.4 | 1.13 | 4.8 | 8.0 | 17.6 | 5.6 | NA | NA | NA | NA | NA | NA |
| 7/4/2018 | 7.8 | 1.38 | 5.9 | 9.9 | 25.4 | 9.4 | NA | NA | NA | NA | NA | NA |
| 7/5/2018 | 7.9 | 1.44 | 5.9 | 10.4 | 33.3 | 13.3 | NA | NA | NA | NA | NA | NA |
| 7/6/2018 | 7.6 | 1.47 | 5.6 | 9.5 | 41.0 | 17.0 | NA | NA | NA | NA | NA | NA |
| 7/7/2018 | 14.0 | 1.92 | 9.3 | 15.4 | 55.0 | 27.0 | NA | NA | NA | NA | NA | NA |
| 7/8/2018 | 15.0 | 0.87 | 12.9 | 15.8 | 70.0 | 38.0 | NA | NA | NA | NA | NA | NA |
| 7/9/2018 | 13.3 | 1.82 | 10.2 | 15.8 | 83.3 | 47.3 | NA | NA | NA | NA | NA | NA |
| 7/10/2018 | 12.3 | 1.97 | 9.4 | 15.2 | 95.6 | 55.6 | NA | NA | NA | NA | NA | NA |
| 7/11/2018 | 12.0 | 2.28 | 8.4 | 14.9 | 107.6 | 63.6 | NA | NA | NA | NA | NA | NA |
| 7/12/2018 | 8.8 | 3.46 | 3.8 | 13.0 | 116.4 | 68.4 | NA | NA | NA | NA | NA | NA |
| 7/13/2018 | 7.2 | 2.32 | 4.8 | 11.1 | 123.5 | 71.5 | NA | NA | NA | NA | NA | NA |
| 7/14/2018 | 7.0 | 2.16 | 4.8 | 11.2 | 130.6 | 74.6 | NA | NA | NA | NA | NA | NA |
| 7/15/2018 | 7.4 | 1.95 | 5.1 | 10.4 | 138.0 | 78.0 | NA | NA | NA | NA | NA | NA |
| 7/16/2018 | 7.2 | 2.05 | 5.2 | 10.3 | 145.2 | 81.2 | NA | NA | NA | NA | NA | NA |
| 7/17/2018 | 7.3 | 1.59 | 5.1 | 9.3 | 152.5 | 84.5 | NA | NA | NA | NA | NA | NA |
| 7/18/2018 | 8.4 | 1.93 | 4.9 | 10.3 | 160.9 | 88.9 | NA | NA | NA | NA | NA | NA |
| 7/19/2018 | 10.3 | 2.14 | 7.2 | 14.1 | 171.2 | 95.2 | NA | NA | NA | NA | NA | NA |
| 7/20/2018 | 10.1 | 2.64 | 6.4 | 13.2 | 181.3 | 101.3 | NA | NA | NA | NA | NA | NA |
| 7/21/2018 | 7.8 | 2.41 | 4.9 | 11.7 | 189.1 | 105.1 | NA | NA | NA | NA | NA | NA |
| 7/22/2018 | 7.4 | 1.57 | 4.8 | 9.3 | 196.5 | 108.5 | NA | NA | NA | NA | NA | NA |
| 7/23/2018 | 9.3 | 2.03 | 6.4 | 12.3 | 205.8 | 113.8 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/24/2018 | 8.6 | 2.28 | 5.7 | 11.7 | 214.4 | 118.4 | NA | NA | NA | NA | NA | NA |
| 7/25/2018 | 8.2 | 2.57 | 5.4 | 12.0 | 222.6 | 122.6 | NA | NA | NA | NA | NA | NA |
| 7/26/2018 | 7.7 | 1.86 | 4.9 | 10.5 | 230.3 | 126.3 | NA | NA | NA | NA | NA | NA |
| 7/27/2018 | 9.3 | 2.83 | 4.9 | 13.6 | 239.6 | 131.6 | NA | NA | NA | NA | NA | NA |
| 7/28/2018 | 6.5 | 2.76 | 3.2 | 12.3 | 246.1 | 134.1 | NA | NA | NA | NA | NA | NA |
| 7/29/2018 | 6.9 | 2.19 | 3.4 | 10.3 | 252.9 | 136.9 | NA | NA | NA | NA | NA | NA |
| 7/30/2018 | 9.2 | 2.76 | 5.0 | 13.8 | 262.1 | 142.1 | NA | NA | NA | NA | NA | NA |
| 7/31/2018 | 8.7 | 4.09 | 3.7 | 15.9 | 270.9 | 146.9 | NA | NA | NA | NA | NA | NA |

August

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/1/2018 | 7.6 | 3.86 | 3.8 | 13.8 | 7.6 | 3.6 | NA | NA | NA | NA | NA | NA |
| 8/2/2018 | 5.5 | 2.74 | 3.0 | 9.8 | 13.1 | 5.1 | NA | NA | NA | NA | NA | NA |
| 8/3/2018 | 5.7 | 2.50 | 3.1 | 10.4 | 18.8 | 6.8 | NA | NA | NA | NA | NA | NA |
| 8/4/2018 | 5.9 | 1.90 | 4.1 | 10.3 | 24.7 | 8.7 | NA | NA | NA | NA | NA | NA |
| 8/5/2018 | 4.8 | 1.29 | 3.1 | 6.9 | 29.5 | 9.5 | NA | NA | NA | NA | NA | NA |
| 8/6/2018 | 5.2 | 1.28 | 3.3 | 7.1 | 34.7 | 10.7 | NA | NA | NA | NA | NA | NA |
| 8/7/2018 | 5.7 | 1.86 | 2.6 | 8.2 | 40.4 | 12.4 | NA | NA | NA | NA | NA | NA |
| 8/8/2018 | 7.3 | 2.98 | 3.4 | 12.0 | 47.6 | 15.6 | NA | NA | NA | NA | NA | NA |
| 8/9/2018 | 6.4 | 2.12 | 4.2 | 10.3 | 54.0 | 18.0 | NA | NA | NA | NA | NA | NA |
| 8/10/2018 | 7.4 | 4.33 | 2.2 | 15.2 | 61.4 | 21.4 | NA | NA | NA | NA | NA | NA |
| 8/11/2018 | 10.6 | 4.01 | 3.5 | 15.0 | 72.0 | 28.0 | NA | NA | NA | NA | NA | NA |
| 8/12/2018 | 9.8 | 3.53 | 5.0 | 14.8 | 81.8 | 33.8 | NA | NA | NA | NA | NA | NA |
| 8/13/2018 | 8.3 | 3.83 | 3.5 | 14.0 | 90.1 | 38.1 | NA | NA | NA | NA | NA | NA |
| 8/14/2018 | 8.8 | 3.69 | 3.6 | 13.9 | 98.9 | 42.9 | NA | NA | NA | NA | NA | NA |
| 8/15/2018 | 9.1 | 2.40 | 5.7 | 12.2 | 107.9 | 47.9 | NA | NA | NA | NA | NA | NA |
| 8/16/2018 | 6.8 | 3.21 | 3.9 | 13.5 | 114.8 | 50.8 | NA | NA | NA | NA | NA | NA |
| 8/17/2018 | 6.6 | 1.94 | 4.5 | 10.1 | 121.3 | 53.3 | NA | NA | NA | NA | NA | NA |
| 8/18/2018 | 7.8 | 2.46 | 5.3 | 11.4 | 129.1 | 57.1 | NA | NA | NA | NA | NA | NA |
| 8/19/2018 | 6.8 | 1.08 | 5.3 | 8.8 | 135.9 | 59.9 | NA | NA | NA | NA | NA | NA |
| 8/20/2018 | 7.8 | 1.24 | 5.8 | 9.8 | 143.6 | 63.6 | NA | NA | NA | NA | NA | NA |
| 8/21/2018 | 9.9 | 1.73 | 6.9 | 11.9 | 153.6 | 69.6 | NA | NA | NA | NA | NA | NA |
| 8/22/2018 | 10.9 | 2.24 | 7.5 | 14.3 | 164.5 | 76.5 | NA | NA | NA | NA | NA | NA |
| 8/23/2018 | 12.0 | 3.98 | 5.8 | 17.4 | 176.5 | 84.5 | NA | NA | NA | NA | NA | NA |
| 8/24/2018 | 15.3 | 2.12 | 11.4 | 17.5 | 191.8 | 95.8 | NA | NA | NA | NA | NA | NA |
| 8/25/2018 | 13.1 | 2.97 | 8.6 | 17.4 | 205.0 | 105.0 | NA | NA | NA | NA | NA | NA |
| 8/26/2018 | 11.8 | 3.49 | 6.8 | 16.4 | 216.8 | 112.8 | NA | NA | NA | NA | NA | NA |
| 8/27/2018 | 10.0 | 3.19 | 5.3 | 14.5 | 226.7 | 118.7 | NA | NA | NA | NA | NA | NA |
| 8/28/2018 | 9.5 | 4.16 | 4.8 | 16.5 | 236.3 | 124.3 | NA | NA | NA | NA | NA | NA |
| 8/29/2018 | 11.3 | 3.44 | 5.1 | 16.4 | 247.6 | 131.6 | NA | NA | NA | NA | NA | NA |
| 8/30/2018 | 9.5 | 3.07 | 5.5 | 15.5 | 257.1 | 137.1 | NA | NA | NA | NA | NA | NA |
| 8/31/2018 | 9.2 | 2.75 | 5.7 | 13.3 | 266.4 | 142.4 | NA | NA | NA | NA | NA | NA |

September

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/1/2018 | 9.5 | 2.51 | 6.5 | 13.3 | 9.5 | 5.5 | NA | NA | NA | NA | NA | NA |
| 9/2/2018 | 9.8 | 2.25 | 7.1 | 13.1 | 19.3 | 11.3 | NA | NA | NA | NA | NA | NA |
| 9/3/2018 | 10.0 | 1.59 | 6.6 | 12.2 | 29.3 | 17.3 | NA | NA | NA | NA | NA | NA |
| 9/4/2018 | 11.3 | 1.83 | 7.1 | 13.7 | 40.7 | 24.7 | NA | NA | NA | NA | NA | NA |
| 9/5/2018 | 13.3 | 0.90 | 11.5 | 14.4 | 54.0 | 34.0 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/6/2018 | 14.0 | 1.52 | 12.1 | 16.4 | 68.0 | 44.0 | NA | NA | NA | NA | NA | NA |
| 9/7/2018 | 14.4 | 1.77 | 11.9 | 16.5 | 82.4 | 54.4 | NA | NA | NA | NA | NA | NA |
| 9/8/2018 | 13.4 | 2.23 | 10.2 | 16.3 | 95.9 | 63.9 | NA | NA | NA | NA | NA | NA |
| 9/9/2018 | 13.8 | 1.72 | 11.1 | 15.9 | 109.7 | 73.7 | NA | NA | NA | NA | NA | NA |
| 9/10/2018 | 13.1 | 1.41 | 11.3 | 15.4 | 122.8 | 82.8 | NA | NA | NA | NA | NA | NA |
| 9/11/2018 | 13.4 | 1.39 | 10.8 | 15.2 | 136.2 | 92.2 | NA | NA | NA | NA | NA | NA |
| 9/12/2018 | 12.4 | 1.91 | 9.4 | 14.5 | 148.5 | 100.5 | NA | NA | NA | NA | NA | NA |
| 9/13/2018 | 11.9 | 1.46 | 9.3 | 13.6 | 160.4 | 108.4 | NA | NA | NA | NA | NA | NA |
| 9/14/2018 | 11.3 | 1.86 | 8.3 | 13.6 | 171.7 | 115.7 | NA | NA | NA | NA | NA | NA |
| 9/15/2018 | 11.1 | 1.43 | 9.3 | 13.1 | 182.8 | 122.8 | NA | NA | NA | NA | NA | NA |
| 9/16/2018 | 11.7 | 1.79 | 8.7 | 14.0 | 194.5 | 130.5 | NA | NA | NA | NA | NA | NA |
| 9/17/2018 | 11.0 | 1.46 | 8.0 | 13.2 | 205.5 | 137.5 | NA | NA | NA | NA | NA | NA |
| 9/18/2018 | 5.3 | 2.17 | 2.4 | 7.8 | 210.8 | 138.8 | NA | NA | NA | NA | NA | NA |
| 9/19/2018 | 2.2 | 0.32 | 1.8 | 2.7 | 213.0 | 138.8 | NA | NA | NA | NA | NA | NA |
| 9/20/2018 | 5.9 | 0.97 | 4.0 | 7.2 | 218.9 | 140.7 | NA | NA | NA | NA | NA | NA |
| 9/21/2018 | 9.4 | 0.94 | 7.5 | 10.9 | 228.3 | 146.1 | NA | NA | NA | NA | NA | NA |
| 9/22/2018 | 11.4 | 0.31 | 10.9 | 11.9 | 239.8 | 153.5 | NA | NA | NA | NA | NA | NA |
| 9/23/2018 | 11.5 | 0.41 | 11.0 | 12.3 | 251.3 | 161.0 | NA | NA | NA | NA | NA | NA |
| 9/24/2018 | 11.8 | 0.17 | 11.4 | 12.1 | 263.1 | 168.9 | NA | NA | NA | NA | NA | NA |
| 9/25/2018 | 11.5 | 0.36 | 10.7 | 11.9 | 274.6 | 176.4 | NA | NA | NA | NA | NA | NA |
| 9/26/2018 | 11.5 | 0.32 | 10.6 | 11.8 | 286.1 | 183.9 | NA | NA | NA | NA | NA | NA |
| 9/27/2018 | 11.9 | 0.27 | 11.6 | 12.4 | 298.0 | 191.8 | NA | NA | NA | NA | NA | NA |
| 9/28/2018 | 9.4 | 3.70 | 2.2 | 12.4 | 307.4 | 197.2 | NA | NA | NA | NA | NA | NA |
| 9/29/2018 | 10.0 | 1.66 | 7.3 | 12.3 | 317.5 | 203.2 | NA | NA | NA | NA | NA | NA |
| 9/30/2018 | 11.2 | 1.83 | 6.6 | 12.2 | 328.6 | 210.4 | NA | NA | NA | NA | NA | NA |

October

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/1/2018 | 11.0 | 0.89 | 9.5 | 12.0 | 11.0 | 7.0 | NA | NA | NA | NA | NA | NA |
| 10/2/2018 | 10.8 | 2.44 | 5.2 | 12.2 | 21.8 | 13.8 | NA | NA | NA | NA | NA | NA |
| 10/3/2018 | 6.8 | 1.50 | 4.7 | 9.7 | 28.6 | 16.6 | NA | NA | NA | NA | NA | NA |
| 10/4/2018 | 7.5 | 1.62 | 4.9 | 10.9 | 36.1 | 20.1 | NA | NA | NA | NA | NA | NA |
| 10/5/2018 | 9.5 | 1.20 | 7.4 | 10.9 | 45.6 | 25.6 | NA | NA | NA | NA | NA | NA |
| 10/6/2018 | 10.7 | 0.19 | 10.4 | 10.9 | 56.2 | 32.2 | NA | NA | NA | NA | NA | NA |
| 10/7/2018 | 10.1 | 1.18 | 7.4 | 10.9 | 66.3 | 38.3 | NA | NA | NA | NA | NA | NA |
| 10/8/2018 | 9.2 | 0.80 | 7.8 | 10.6 | 75.6 | 43.6 | NA | NA | NA | NA | NA | NA |
| 10/9/2018 | 10.5 | 0.29 | 9.9 | 10.7 | 86.1 | 50.1 | NA | NA | NA | NA | NA | NA |
| 10/10/2018 | 10.6 | 0.08 | 10.4 | 10.7 | 96.7 | 56.7 | NA | NA | NA | NA | NA | NA |
| 10/11/2018 | 9.5 | 1.04 | 7.3 | 10.5 | 106.2 | 62.2 | NA | NA | NA | NA | NA | NA |
| 10/12/2018 | 7.8 | 0.86 | 6.2 | 9.3 | 114.0 | 66.0 | NA | NA | NA | NA | NA | NA |
| 10/13/2018 | 9.3 | 0.80 | 7.7 | 9.9 | 123.3 | 71.3 | NA | NA | NA | NA | NA | NA |
| 10/14/2018 | 9.6 | 0.16 | 9.3 | 9.9 | 132.9 | 76.9 | NA | NA | NA | NA | NA | NA |
| 10/15/2018 | 9.3 | 0.21 | 8.8 | 9.6 | 142.2 | 82.2 | NA | NA | NA | NA | NA | NA |
| 10/16/2018 | 9.4 | 0.12 | 9.1 | 9.5 | 151.5 | 87.5 | NA | NA | NA | NA | NA | NA |
| 10/17/2018 | 9.0 | 0.26 | 8.6 | 9.5 | 160.5 | 92.5 | NA | NA | NA | NA | NA | NA |
| 10/18/2018 | 8.7 | 0.16 | 8.4 | 8.9 | 169.3 | 97.3 | NA | NA | NA | NA | NA | NA |
| 10/19/2018 | 7.9 | 0.36 | 7.3 | 8.5 | 177.1 | 101.1 | NA | NA | NA | NA | NA | NA |
| 10/20/2018 | 7.6 | 0.14 | 7.4 | 7.8 | 184.7 | 104.7 | NA | NA | NA | NA | NA | NA |
| 10/21/2018 | 7.4 | 0.13 | 7.2 | 7.6 | 192.1 | 108.1 | NA | NA | NA | NA | NA | NA |
| 10/22/2018 | 7.2 | 0.12 | 7.1 | 7.4 | 199.4 | 111.4 | NA | NA | NA | NA | NA | NA |
| 10/23/2018 | 6.8 | 0.31 | 6.1 | 7.2 | 206.2 | 114.2 | NA | NA | NA | NA | NA | NA |
| 10/24/2018 | 6.5 | 0.56 | 5.4 | 7.0 | 212.7 | 116.7 | NA | NA | NA | NA | NA | NA |
| 10/25/2018 | 4.7 | 0.91 | 3.5 | 6.6 | 217.4 | 117.4 | NA | NA | NA | NA | NA | NA |
| 10/26/2018 | 5.5 | 0.19 | 5.1 | 5.7 | 222.9 | 118.9 | NA | NA | NA | NA | NA | NA |
| 10/27/2018 | 5.4 | 0.27 | 5.0 | 5.7 | 228.3 | 120.3 | NA | NA | NA | NA | NA | NA |

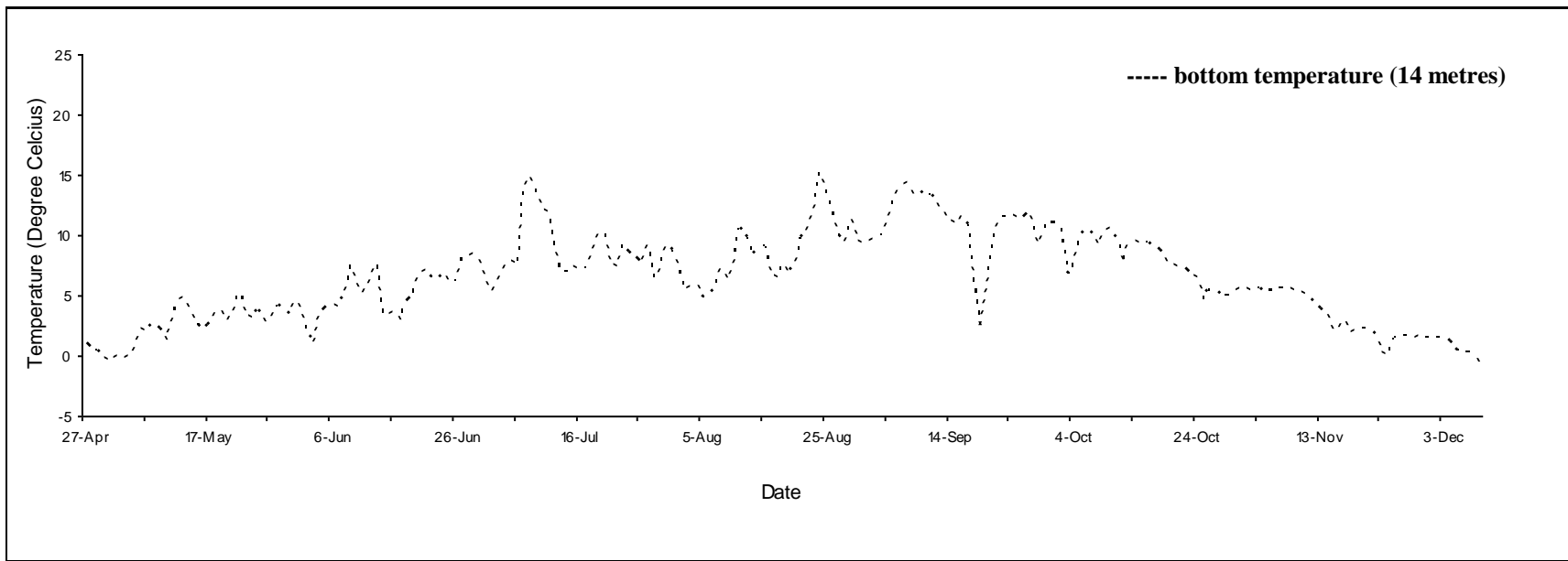
| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/28/2018 | 4.9 | 0.43 | 4.2 | 5.6 | 233.2 | 121.2 | NA | NA | NA | NA | NA | NA |
| 10/29/2018 | 4.9 | 0.15 | 4.7 | 5.2 | 238.1 | 122.1 | NA | NA | NA | NA | NA | NA |
| 10/30/2018 | 5.4 | 0.11 | 5.2 | 5.6 | 243.5 | 123.5 | NA | NA | NA | NA | NA | NA |
| 10/31/2018 | 5.6 | 0.13 | 5.4 | 5.8 | 249.0 | 125.0 | NA | NA | NA | NA | NA | NA |

November

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 11/1/2018 | 5.5 | 0.12 | 5.4 | 5.7 | 5.5 | 1.5 | NA | NA | NA | NA | NA | NA |
| 11/2/2018 | 5.4 | 0.11 | 5.3 | 5.6 | 11.0 | 3.0 | NA | NA | NA | NA | NA | NA |
| 11/3/2018 | 5.5 | 0.14 | 5.3 | 5.7 | 16.5 | 4.5 | NA | NA | NA | NA | NA | NA |
| 11/4/2018 | 5.4 | 0.10 | 5.2 | 5.5 | 21.9 | 5.9 | NA | NA | NA | NA | NA | NA |
| 11/5/2018 | 5.5 | 0.14 | 5.2 | 5.6 | 27.4 | 7.4 | NA | NA | NA | NA | NA | NA |
| 11/6/2018 | 5.6 | 0.08 | 5.4 | 5.7 | 32.9 | 8.9 | NA | NA | NA | NA | NA | NA |
| 11/7/2018 | 5.6 | 0.07 | 5.4 | 5.7 | 38.5 | 10.5 | NA | NA | NA | NA | NA | NA |
| 11/8/2018 | 5.5 | 0.09 | 5.4 | 5.7 | 44.1 | 12.1 | NA | NA | NA | NA | NA | NA |
| 11/9/2018 | 5.5 | 0.07 | 5.3 | 5.6 | 49.5 | 13.5 | NA | NA | NA | NA | NA | NA |
| 11/10/2018 | 5.4 | 0.11 | 5.2 | 5.5 | 54.9 | 14.9 | NA | NA | NA | NA | NA | NA |
| 11/11/2018 | 5.0 | 0.20 | 4.7 | 5.3 | 59.9 | 15.9 | NA | NA | NA | NA | NA | NA |
| 11/12/2018 | 4.3 | 0.20 | 4.1 | 4.7 | 64.3 | 16.3 | NA | NA | NA | NA | NA | NA |
| 11/13/2018 | 3.9 | 0.25 | 3.5 | 4.4 | 68.2 | 16.3 | NA | NA | NA | NA | NA | NA |
| 11/14/2018 | 3.6 | 0.28 | 3.1 | 4.1 | 71.8 | 16.3 | NA | NA | NA | NA | NA | NA |
| 11/15/2018 | 2.3 | 0.63 | 1.3 | 3.4 | 74.1 | 16.3 | NA | NA | NA | NA | NA | NA |
| 11/16/2018 | 2.2 | 0.44 | 1.5 | 2.9 | 76.3 | 16.3 | NA | NA | NA | NA | NA | NA |
| 11/17/2018 | 3.1 | 0.37 | 2.1 | 3.3 | 79.4 | 16.3 | NA | NA | NA | NA | NA | NA |
| 11/18/2018 | 1.9 | 0.44 | 0.9 | 2.4 | 81.3 | 16.3 | NA | NA | NA | NA | NA | NA |
| 11/19/2018 | 2.3 | 0.40 | 1.7 | 3.0 | 83.6 | 16.3 | NA | NA | NA | NA | NA | NA |
| 11/20/2018 | 2.2 | 0.47 | 1.6 | 2.9 | 85.9 | 16.3 | NA | NA | NA | NA | NA | NA |
| 11/21/2018 | 2.3 | 0.42 | 1.6 | 2.9 | 88.2 | 16.3 | NA | NA | NA | NA | NA | NA |
| 11/22/2018 | 1.7 | 0.41 | 1.0 | 2.3 | 89.9 | 16.3 | NA | NA | NA | NA | NA | NA |
| 11/23/2018 | 0.3 | 0.66 | -1.0 | 1.2 | 90.2 | 16.3 | NA | NA | NA | NA | NA | NA |
| 11/24/2018 | 0.1 | 0.42 | -0.8 | 0.7 | 90.3 | 16.3 | NA | NA | NA | NA | NA | NA |
| 11/25/2018 | 1.5 | 0.64 | 0.2 | 2.0 | 91.8 | 16.3 | NA | NA | NA | NA | NA | NA |
| 11/26/2018 | 1.6 | 0.54 | 0.9 | 2.2 | 93.5 | 16.3 | NA | NA | NA | NA | NA | NA |
| 11/27/2018 | 1.7 | 0.53 | 0.9 | 2.2 | 95.1 | 16.3 | NA | NA | NA | NA | NA | NA |
| 11/28/2018 | 1.3 | 0.71 | 0.2 | 2.3 | 96.4 | 16.3 | NA | NA | NA | NA | NA | NA |
| 11/29/2018 | 1.7 | 0.12 | 1.5 | 1.9 | 98.1 | 16.3 | NA | NA | NA | NA | NA | NA |
| 11/30/2018 | 1.5 | 0.08 | 1.4 | 1.7 | 99.7 | 16.3 | NA | NA | NA | NA | NA | NA |

December

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 12/1/2018 | 1.5 | 0.04 | 1.5 | 1.6 | 1.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/2/2018 | 1.4 | 0.05 | 1.3 | 1.5 | 3.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/3/2018 | 1.6 | 0.07 | 1.5 | 1.7 | 4.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/4/2018 | 1.1 | 0.29 | 0.5 | 1.5 | 5.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/5/2018 | 0.5 | 0.41 | -0.2 | 0.9 | 6.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/6/2018 | 0.4 | 0.51 | -0.3 | 1.5 | 6.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/7/2018 | 0.3 | 0.49 | -0.7 | 1.0 | 6.9 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/8/2018 | 0.0 | 0.64 | -0.8 | 0.9 | 6.9 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/9/2018 | -0.9 | 0.52 | -1.5 | 0.1 | 6.9 | 0.0 | NA | NA | NA | NA | NA | NA |



Daily mean temperature for Miscou, N.B., 2018.

Murray Harbour, P.E.I.

2018

July

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/17/2018 | 17.1 | 0.13 | 16.9 | 17.3 | 17.1 | 13.1 | NA | NA | NA | NA | NA | NA |
| 7/18/2018 | 15.9 | 1.01 | 14.0 | 17.1 | 33.0 | 25.0 | NA | NA | NA | NA | NA | NA |
| 7/19/2018 | 16.8 | 0.43 | 16.0 | 17.4 | 49.9 | 37.9 | NA | NA | NA | NA | NA | NA |
| 7/20/2018 | 17.0 | 0.32 | 16.3 | 17.4 | 66.9 | 50.9 | NA | NA | NA | NA | NA | NA |
| 7/21/2018 | 17.6 | 0.66 | 16.6 | 18.4 | 84.4 | 64.4 | NA | NA | NA | NA | NA | NA |
| 7/22/2018 | 16.6 | 0.86 | 15.3 | 18.1 | 101.0 | 77.0 | NA | NA | NA | NA | NA | NA |
| 7/23/2018 | 16.2 | 0.52 | 15.5 | 17.0 | 117.2 | 89.2 | NA | NA | NA | NA | NA | NA |
| 7/24/2018 | 16.8 | 0.75 | 16.0 | 18.3 | 134.0 | 102.0 | NA | NA | NA | NA | NA | NA |
| 7/25/2018 | 16.2 | 1.46 | 14.5 | 19.0 | 150.2 | 114.2 | NA | NA | NA | NA | NA | NA |
| 7/26/2018 | 15.6 | 1.42 | 12.9 | 17.7 | 165.8 | 125.8 | NA | NA | NA | NA | NA | NA |
| 7/27/2018 | 14.1 | 0.98 | 12.4 | 15.5 | 179.9 | 135.9 | NA | NA | NA | NA | NA | NA |
| 7/28/2018 | 15.7 | 0.36 | 15.2 | 16.1 | 195.6 | 147.6 | NA | NA | NA | NA | NA | NA |
| 7/29/2018 | 15.9 | 0.48 | 15.2 | 16.8 | 211.6 | 159.6 | NA | NA | NA | NA | NA | NA |
| 7/30/2018 | 16.4 | 0.59 | 15.6 | 17.2 | 227.9 | 171.9 | NA | NA | NA | NA | NA | NA |
| 7/31/2018 | 17.8 | 0.80 | 16.1 | 18.8 | 245.7 | 185.7 | NA | NA | NA | NA | NA | NA |

August

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/1/2018 | 18.7 | 0.70 | 17.1 | 19.5 | 18.7 | 14.7 | NA | NA | NA | NA | NA | NA |
| 8/2/2018 | 18.0 | 1.24 | 15.9 | 19.0 | 36.7 | 28.7 | NA | NA | NA | NA | NA | NA |
| 8/3/2018 | 17.4 | 0.77 | 16.5 | 18.7 | 54.1 | 42.1 | NA | NA | NA | NA | NA | NA |
| 8/4/2018 | 19.1 | 0.82 | 17.8 | 20.5 | 73.2 | 57.2 | NA | NA | NA | NA | NA | NA |
| 8/5/2018 | 19.8 | 1.18 | 17.7 | 21.2 | 93.0 | 73.0 | NA | NA | NA | NA | NA | NA |
| 8/6/2018 | 20.2 | 0.64 | 18.9 | 21.2 | 113.2 | 89.2 | NA | NA | NA | NA | NA | NA |
| 8/7/2018 | 19.7 | 1.04 | 17.9 | 21.0 | 132.9 | 104.9 | NA | NA | NA | NA | NA | NA |
| 8/8/2018 | 19.8 | 0.86 | 18.2 | 20.8 | 152.8 | 120.8 | NA | NA | NA | NA | NA | NA |
| 8/9/2018 | 19.5 | 1.78 | 16.9 | 21.7 | 172.3 | 136.3 | NA | NA | NA | NA | NA | NA |
| 8/10/2018 | 18.0 | 0.77 | 16.8 | 18.9 | 190.3 | 150.3 | NA | NA | NA | NA | NA | NA |
| 8/11/2018 | 17.9 | 1.85 | 15.0 | 20.1 | 208.1 | 164.1 | NA | NA | NA | NA | NA | NA |
| 8/12/2018 | 17.7 | 1.96 | 14.2 | 19.7 | 225.8 | 177.8 | NA | NA | NA | NA | NA | NA |
| 8/13/2018 | 18.9 | 0.89 | 16.7 | 19.9 | 244.7 | 192.7 | NA | NA | NA | NA | NA | NA |
| 8/14/2018 | 19.5 | 0.52 | 18.3 | 20.2 | 264.2 | 208.2 | NA | NA | NA | NA | NA | NA |
| 8/15/2018 | 18.9 | 0.72 | 17.7 | 20.4 | 283.1 | 223.1 | NA | NA | NA | NA | NA | NA |
| 8/16/2018 | 18.4 | 1.04 | 16.9 | 20.6 | 301.5 | 237.5 | NA | NA | NA | NA | NA | NA |
| 8/17/2018 | 20.8 | 0.96 | 19.2 | 21.9 | 322.3 | 254.3 | NA | NA | NA | NA | NA | NA |
| 8/18/2018 | 20.0 | 1.26 | 17.8 | 21.6 | 342.3 | 270.3 | NA | NA | NA | NA | NA | NA |
| 8/19/2018 | 20.4 | 0.23 | 20.1 | 20.8 | 362.7 | 286.7 | NA | NA | NA | NA | NA | NA |
| 8/20/2018 | 20.7 | 0.30 | 20.4 | 21.2 | 383.4 | 303.4 | NA | NA | NA | NA | NA | NA |
| 8/21/2018 | 21.0 | 0.24 | 20.6 | 21.3 | 404.4 | 320.4 | NA | NA | NA | NA | NA | NA |
| 8/22/2018 | 19.6 | 1.32 | 17.0 | 21.2 | 423.9 | 335.9 | NA | NA | NA | NA | NA | NA |
| 8/23/2018 | 12.7 | 3.80 | 8.3 | 20.2 | 436.6 | 344.6 | NA | NA | NA | NA | NA | NA |
| 8/24/2018 | 11.2 | 1.62 | 8.9 | 13.6 | 447.8 | 351.8 | NA | NA | NA | NA | NA | NA |
| 8/25/2018 | 10.6 | 1.38 | 9.0 | 13.6 | 458.4 | 358.4 | NA | NA | NA | NA | NA | NA |
| 8/26/2018 | 14.1 | 1.67 | 10.2 | 16.6 | 472.5 | 368.5 | NA | NA | NA | NA | NA | NA |
| 8/27/2018 | 16.1 | 1.00 | 14.1 | 17.4 | 488.6 | 380.6 | NA | NA | NA | NA | NA | NA |
| 8/28/2018 | 18.0 | 0.66 | 16.8 | 18.8 | 506.5 | 394.5 | NA | NA | NA | NA | NA | NA |
| 8/29/2018 | 18.2 | 0.72 | 17.1 | 19.6 | 524.7 | 408.7 | NA | NA | NA | NA | NA | NA |

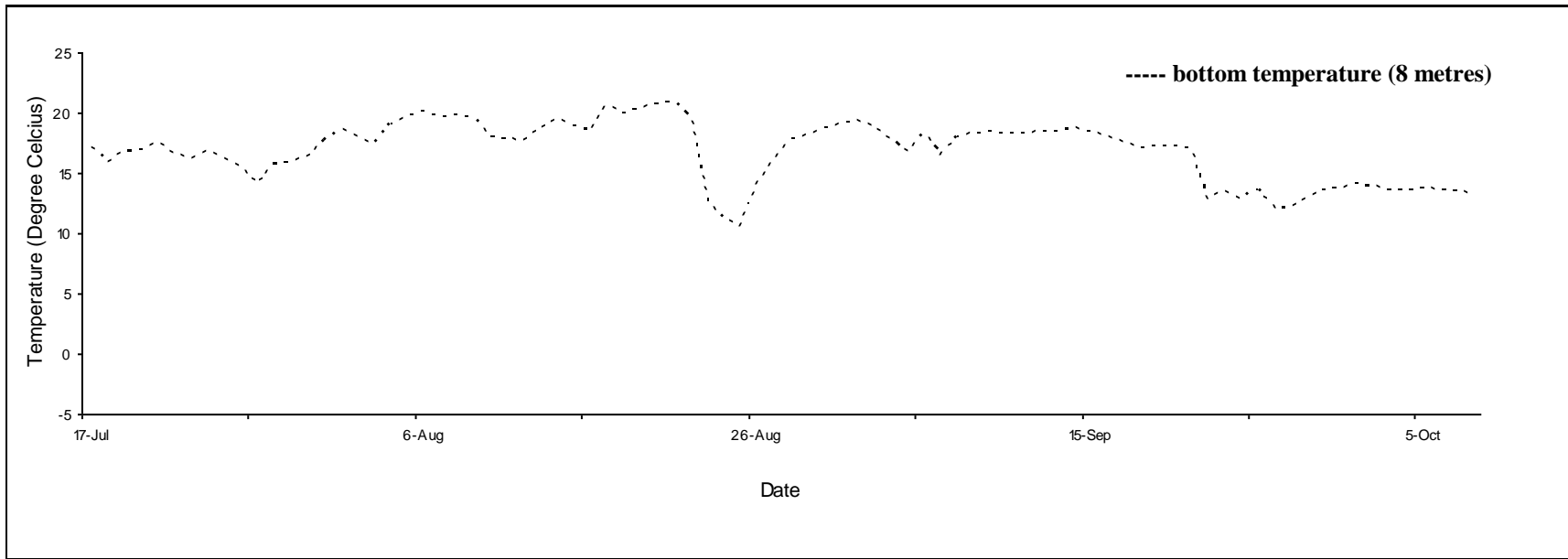
| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/30/2018 | 18.9 | 0.78 | 17.2 | 19.9 | 543.6 | 423.6 | NA | NA | NA | NA | NA | NA |
| 8/31/2018 | 19.0 | 0.30 | 18.6 | 19.4 | 562.6 | 438.6 | NA | NA | NA | NA | NA | NA |

September

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/1/2018 | 19.3 | 0.23 | 19.0 | 19.7 | 19.3 | 15.3 | NA | NA | NA | NA | NA | NA |
| 9/2/2018 | 19.0 | 0.46 | 18.1 | 19.5 | 38.3 | 30.3 | NA | NA | NA | NA | NA | NA |
| 9/3/2018 | 17.9 | 0.21 | 17.5 | 18.1 | 56.2 | 44.2 | NA | NA | NA | NA | NA | NA |
| 9/4/2018 | 16.8 | 1.52 | 13.7 | 18.3 | 72.9 | 56.9 | NA | NA | NA | NA | NA | NA |
| 9/5/2018 | 18.3 | 0.50 | 17.0 | 18.8 | 91.2 | 71.2 | NA | NA | NA | NA | NA | NA |
| 9/6/2018 | 16.5 | 1.74 | 14.8 | 19.2 | 107.7 | 83.7 | NA | NA | NA | NA | NA | NA |
| 9/7/2018 | 18.0 | 0.68 | 16.0 | 18.5 | 125.7 | 97.7 | NA | NA | NA | NA | NA | NA |
| 9/8/2018 | 18.4 | 0.36 | 17.7 | 18.9 | 144.1 | 112.1 | NA | NA | NA | NA | NA | NA |
| 9/9/2018 | 18.5 | 0.12 | 18.3 | 18.8 | 162.6 | 126.6 | NA | NA | NA | NA | NA | NA |
| 9/10/2018 | 18.3 | 0.17 | 18.0 | 18.6 | 181.0 | 141.0 | NA | NA | NA | NA | NA | NA |
| 9/11/2018 | 18.3 | 0.13 | 18.0 | 18.5 | 199.3 | 155.3 | NA | NA | NA | NA | NA | NA |
| 9/12/2018 | 18.5 | 0.12 | 18.3 | 18.7 | 217.7 | 169.7 | NA | NA | NA | NA | NA | NA |
| 9/13/2018 | 18.5 | 0.25 | 17.9 | 18.9 | 236.2 | 184.2 | NA | NA | NA | NA | NA | NA |
| 9/14/2018 | 18.8 | 0.27 | 18.6 | 19.3 | 255.0 | 199.0 | NA | NA | NA | NA | NA | NA |
| 9/15/2018 | 18.5 | 0.49 | 17.6 | 19.0 | 273.5 | 213.5 | NA | NA | NA | NA | NA | NA |
| 9/16/2018 | 18.0 | 0.64 | 16.6 | 18.6 | 291.5 | 227.5 | NA | NA | NA | NA | NA | NA |
| 9/17/2018 | 17.6 | 1.08 | 15.6 | 18.5 | 309.1 | 241.1 | NA | NA | NA | NA | NA | NA |
| 9/18/2018 | 17.1 | 0.45 | 16.4 | 17.9 | 326.2 | 254.2 | NA | NA | NA | NA | NA | NA |
| 9/19/2018 | 17.2 | 0.29 | 16.7 | 17.6 | 343.5 | 267.5 | NA | NA | NA | NA | NA | NA |
| 9/20/2018 | 17.2 | 0.17 | 16.9 | 17.5 | 360.7 | 280.7 | NA | NA | NA | NA | NA | NA |
| 9/21/2018 | 17.1 | 0.18 | 16.8 | 17.3 | 377.8 | 293.8 | NA | NA | NA | NA | NA | NA |
| 9/22/2018 | 12.8 | 3.10 | 9.4 | 17.0 | 390.6 | 302.6 | NA | NA | NA | NA | NA | NA |
| 9/23/2018 | 13.4 | 2.17 | 9.4 | 15.4 | 404.1 | 312.1 | NA | NA | NA | NA | NA | NA |
| 9/24/2018 | 12.9 | 1.26 | 9.8 | 14.0 | 416.9 | 320.9 | NA | NA | NA | NA | NA | NA |
| 9/25/2018 | 13.6 | 0.32 | 12.9 | 14.1 | 430.6 | 330.6 | NA | NA | NA | NA | NA | NA |
| 9/26/2018 | 12.1 | 0.53 | 11.5 | 13.2 | 442.6 | 338.6 | NA | NA | NA | NA | NA | NA |
| 9/27/2018 | 12.1 | 0.43 | 11.3 | 12.6 | 454.8 | 346.8 | NA | NA | NA | NA | NA | NA |
| 9/28/2018 | 12.8 | 0.29 | 12.4 | 13.2 | 467.6 | 355.6 | NA | NA | NA | NA | NA | NA |
| 9/29/2018 | 13.6 | 0.22 | 13.1 | 13.9 | 481.2 | 365.2 | NA | NA | NA | NA | NA | NA |
| 9/30/2018 | 13.8 | 0.22 | 13.5 | 14.2 | 495.0 | 375.0 | NA | NA | NA | NA | NA | NA |

October

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/1/2018 | 14.1 | 0.09 | 13.9 | 14.2 | 14.1 | 10.1 | NA | NA | NA | NA | NA | NA |
| 10/2/2018 | 13.9 | 0.11 | 13.6 | 14.0 | 28.0 | 20.0 | NA | NA | NA | NA | NA | NA |
| 10/3/2018 | 13.6 | 0.14 | 13.4 | 13.8 | 41.6 | 29.6 | NA | NA | NA | NA | NA | NA |
| 10/4/2018 | 13.7 | 0.15 | 13.3 | 13.9 | 55.2 | 39.2 | NA | NA | NA | NA | NA | NA |
| 10/5/2018 | 13.7 | 0.12 | 13.4 | 13.9 | 69.0 | 49.0 | NA | NA | NA | NA | NA | NA |
| 10/6/2018 | 13.6 | 0.07 | 13.5 | 13.8 | 82.6 | 58.6 | NA | NA | NA | NA | NA | NA |
| 10/7/2018 | 13.5 | 0.11 | 13.3 | 13.7 | 96.2 | 68.2 | NA | NA | NA | NA | NA | NA |
| 10/8/2018 | 13.3 | 0.08 | 13.2 | 13.5 | 109.5 | 77.5 | NA | NA | NA | NA | NA | NA |



Daily mean temperature for Murray Harbour, P.E.I., 2018.

Nine Mile Creek, P.E.I.

2018

July

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/11/2018 | 14.0 | 1.52 | 12.8 | 17.4 | 14.0 | 10.0 | NA | NA | NA | NA | NA | NA |
| 7/12/2018 | 14.0 | 1.74 | 12.3 | 16.4 | 28.0 | 20.0 | NA | NA | NA | NA | NA | NA |
| 7/13/2018 | 15.9 | 0.61 | 14.9 | 16.9 | 43.9 | 31.9 | NA | NA | NA | NA | NA | NA |
| 7/14/2018 | 16.2 | 0.67 | 15.0 | 16.9 | 60.1 | 44.1 | NA | NA | NA | NA | NA | NA |
| 7/15/2018 | 16.3 | 1.07 | 14.9 | 17.7 | 76.4 | 56.4 | NA | NA | NA | NA | NA | NA |
| 7/16/2018 | 16.3 | 1.09 | 14.7 | 17.9 | 92.7 | 68.7 | NA | NA | NA | NA | NA | NA |
| 7/17/2018 | 16.8 | 1.21 | 15.3 | 18.7 | 109.6 | 81.6 | NA | NA | NA | NA | NA | NA |
| 7/18/2018 | 17.2 | 1.24 | 15.4 | 18.6 | 126.7 | 94.7 | NA | NA | NA | NA | NA | NA |
| 7/19/2018 | 17.0 | 0.67 | 15.4 | 18.3 | 143.7 | 107.7 | NA | NA | NA | NA | NA | NA |
| 7/20/2018 | 17.9 | 0.69 | 17.1 | 19.0 | 161.6 | 121.6 | NA | NA | NA | NA | NA | NA |
| 7/21/2018 | 18.2 | 0.77 | 17.1 | 19.4 | 179.8 | 135.8 | NA | NA | NA | NA | NA | NA |
| 7/22/2018 | 19.6 | 0.51 | 18.9 | 20.4 | 199.4 | 151.4 | NA | NA | NA | NA | NA | NA |
| 7/23/2018 | 19.3 | 1.05 | 18.1 | 20.7 | 218.6 | 166.6 | NA | NA | NA | NA | NA | NA |
| 7/24/2018 | 18.1 | 0.46 | 17.4 | 18.8 | 236.7 | 180.7 | NA | NA | NA | NA | NA | NA |
| 7/25/2018 | 18.0 | 0.47 | 17.2 | 18.9 | 254.8 | 194.8 | NA | NA | NA | NA | NA | NA |
| 7/26/2018 | 19.8 | 1.40 | 17.6 | 21.1 | 274.5 | 210.5 | NA | NA | NA | NA | NA | NA |
| 7/27/2018 | 19.4 | 1.79 | 17.1 | 21.4 | 294.0 | 226.0 | NA | NA | NA | NA | NA | NA |
| 7/28/2018 | 19.3 | 1.50 | 17.4 | 21.4 | 313.3 | 241.3 | NA | NA | NA | NA | NA | NA |
| 7/29/2018 | 19.4 | 1.20 | 18.1 | 21.2 | 332.7 | 256.7 | NA | NA | NA | NA | NA | NA |
| 7/30/2018 | 18.0 | 1.75 | 16.0 | 20.8 | 350.7 | 270.7 | NA | NA | NA | NA | NA | NA |
| 7/31/2018 | 16.3 | 0.90 | 15.5 | 18.5 | 367.0 | 283.0 | NA | NA | NA | NA | NA | NA |

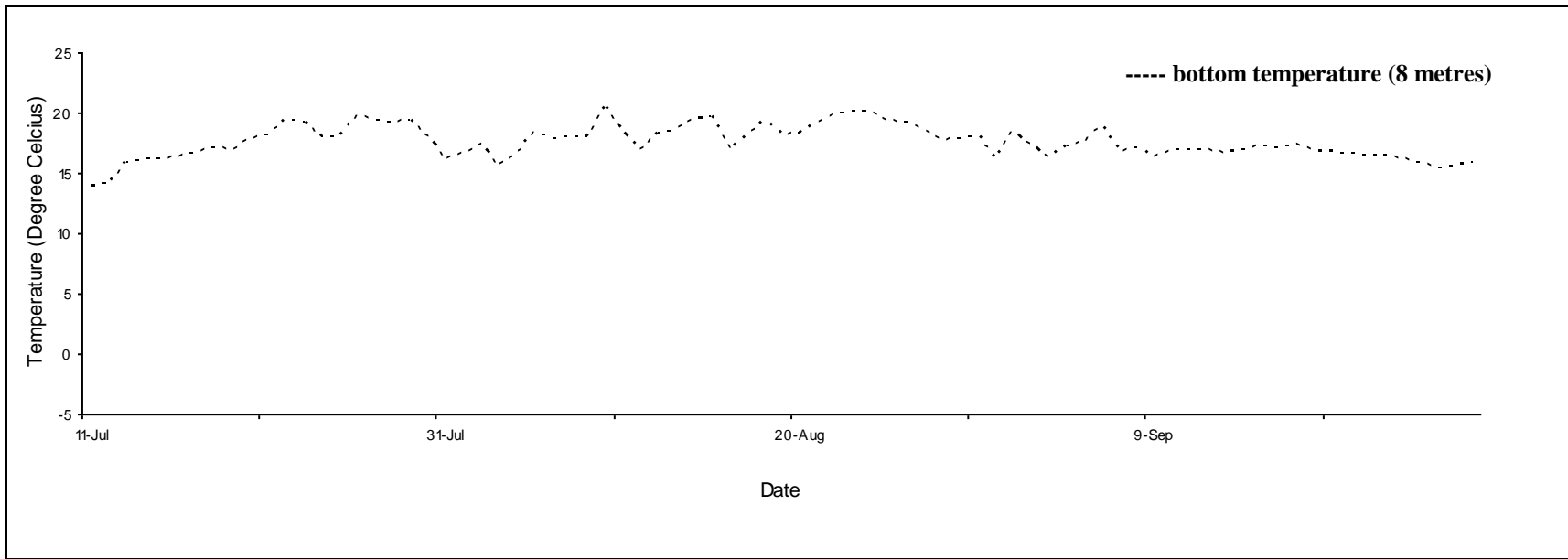
August

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/1/2018 | 16.7 | 0.99 | 15.8 | 19.3 | 16.7 | 12.7 | NA | NA | NA | NA | NA | NA |
| 8/2/2018 | 17.4 | 0.60 | 16.4 | 18.3 | 34.1 | 26.1 | NA | NA | NA | NA | NA | NA |
| 8/3/2018 | 15.6 | 0.54 | 14.7 | 16.7 | 49.7 | 37.7 | NA | NA | NA | NA | NA | NA |
| 8/4/2018 | 16.6 | 1.09 | 15.1 | 18.0 | 66.3 | 50.3 | NA | NA | NA | NA | NA | NA |
| 8/5/2018 | 18.5 | 1.73 | 16.3 | 21.3 | 84.7 | 64.7 | NA | NA | NA | NA | NA | NA |
| 8/6/2018 | 17.8 | 1.16 | 15.9 | 19.8 | 102.5 | 78.5 | NA | NA | NA | NA | NA | NA |
| 8/7/2018 | 18.1 | 1.97 | 15.4 | 20.7 | 120.6 | 92.6 | NA | NA | NA | NA | NA | NA |
| 8/8/2018 | 18.0 | 1.90 | 15.4 | 20.1 | 138.7 | 106.7 | NA | NA | NA | NA | NA | NA |
| 8/9/2018 | 20.5 | 1.01 | 19.3 | 22.0 | 159.2 | 123.2 | NA | NA | NA | NA | NA | NA |
| 8/10/2018 | 18.3 | 1.33 | 16.6 | 20.3 | 177.5 | 137.5 | NA | NA | NA | NA | NA | NA |
| 8/11/2018 | 17.0 | 1.04 | 16.0 | 19.5 | 194.5 | 150.5 | NA | NA | NA | NA | NA | NA |
| 8/12/2018 | 18.3 | 1.31 | 16.5 | 20.1 | 212.8 | 164.8 | NA | NA | NA | NA | NA | NA |
| 8/13/2018 | 18.6 | 1.34 | 16.5 | 20.9 | 231.4 | 179.4 | NA | NA | NA | NA | NA | NA |
| 8/14/2018 | 19.4 | 1.59 | 16.9 | 21.3 | 250.8 | 194.8 | NA | NA | NA | NA | NA | NA |
| 8/15/2018 | 19.8 | 1.82 | 16.9 | 21.9 | 270.5 | 210.5 | NA | NA | NA | NA | NA | NA |
| 8/16/2018 | 17.0 | 0.85 | 15.8 | 18.9 | 287.5 | 223.5 | NA | NA | NA | NA | NA | NA |
| 8/17/2018 | 18.1 | 1.46 | 15.8 | 20.2 | 305.6 | 237.6 | NA | NA | NA | NA | NA | NA |
| 8/18/2018 | 19.4 | 0.68 | 17.8 | 20.2 | 325.1 | 253.1 | NA | NA | NA | NA | NA | NA |
| 8/19/2018 | 18.1 | 0.82 | 16.9 | 19.8 | 343.2 | 267.2 | NA | NA | NA | NA | NA | NA |
| 8/20/2018 | 18.3 | 0.69 | 17.6 | 19.5 | 361.5 | 281.5 | NA | NA | NA | NA | NA | NA |
| 8/21/2018 | 19.2 | 0.27 | 18.9 | 19.8 | 380.7 | 296.7 | NA | NA | NA | NA | NA | NA |
| 8/22/2018 | 19.8 | 0.20 | 19.5 | 20.1 | 400.5 | 312.5 | NA | NA | NA | NA | NA | NA |
| 8/23/2018 | 20.2 | 0.23 | 20.0 | 20.6 | 420.7 | 328.7 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/24/2018 | 20.1 | 0.19 | 19.5 | 20.3 | 440.8 | 344.8 | NA | NA | NA | NA | NA | NA |
| 8/25/2018 | 19.4 | 0.66 | 18.1 | 20.1 | 460.2 | 360.2 | NA | NA | NA | NA | NA | NA |
| 8/26/2018 | 19.2 | 0.80 | 17.8 | 20.0 | 479.4 | 375.4 | NA | NA | NA | NA | NA | NA |
| 8/27/2018 | 18.6 | 1.11 | 16.9 | 19.4 | 498.0 | 390.0 | NA | NA | NA | NA | NA | NA |
| 8/28/2018 | 17.7 | 0.38 | 17.2 | 18.4 | 515.6 | 403.6 | NA | NA | NA | NA | NA | NA |
| 8/29/2018 | 17.9 | 1.16 | 16.4 | 19.7 | 533.5 | 417.5 | NA | NA | NA | NA | NA | NA |
| 8/30/2018 | 18.1 | 2.21 | 15.2 | 20.3 | 551.7 | 431.7 | NA | NA | NA | NA | NA | NA |
| 8/31/2018 | 16.2 | 0.47 | 15.3 | 16.9 | 567.8 | 443.8 | NA | NA | NA | NA | NA | NA |

September

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/1/2018 | 18.4 | 0.68 | 16.5 | 19.2 | 18.4 | 14.4 | NA | NA | NA | NA | NA | NA |
| 9/2/2018 | 17.4 | 2.16 | 14.3 | 19.1 | 35.9 | 27.9 | NA | NA | NA | NA | NA | NA |
| 9/3/2018 | 16.4 | 1.10 | 15.0 | 18.1 | 52.3 | 40.3 | NA | NA | NA | NA | NA | NA |
| 9/4/2018 | 17.2 | 0.38 | 16.6 | 17.7 | 69.5 | 53.5 | NA | NA | NA | NA | NA | NA |
| 9/5/2018 | 17.6 | 0.72 | 16.5 | 18.8 | 87.1 | 67.1 | NA | NA | NA | NA | NA | NA |
| 9/6/2018 | 18.9 | 0.94 | 16.7 | 19.4 | 106.0 | 82.0 | NA | NA | NA | NA | NA | NA |
| 9/7/2018 | 16.8 | 0.26 | 16.5 | 17.6 | 122.8 | 94.8 | NA | NA | NA | NA | NA | NA |
| 9/8/2018 | 17.1 | 1.15 | 15.6 | 18.5 | 139.9 | 107.9 | NA | NA | NA | NA | NA | NA |
| 9/9/2018 | 16.3 | 0.60 | 15.2 | 17.2 | 156.2 | 120.2 | NA | NA | NA | NA | NA | NA |
| 9/10/2018 | 16.9 | 0.40 | 16.4 | 17.7 | 173.1 | 133.1 | NA | NA | NA | NA | NA | NA |
| 9/11/2018 | 16.9 | 0.08 | 16.8 | 17.1 | 190.0 | 146.0 | NA | NA | NA | NA | NA | NA |
| 9/12/2018 | 16.9 | 0.48 | 15.8 | 17.3 | 207.0 | 159.0 | NA | NA | NA | NA | NA | NA |
| 9/13/2018 | 16.7 | 0.28 | 16.2 | 17.1 | 223.7 | 171.7 | NA | NA | NA | NA | NA | NA |
| 9/14/2018 | 16.9 | 0.26 | 16.5 | 17.3 | 240.6 | 184.6 | NA | NA | NA | NA | NA | NA |
| 9/15/2018 | 17.2 | 0.40 | 16.6 | 17.7 | 257.8 | 197.8 | NA | NA | NA | NA | NA | NA |
| 9/16/2018 | 17.2 | 0.36 | 16.6 | 17.6 | 275.0 | 211.0 | NA | NA | NA | NA | NA | NA |
| 9/17/2018 | 17.5 | 0.28 | 16.9 | 17.9 | 292.4 | 224.4 | NA | NA | NA | NA | NA | NA |
| 9/18/2018 | 16.8 | 0.87 | 15.8 | 17.9 | 309.2 | 237.2 | NA | NA | NA | NA | NA | NA |
| 9/19/2018 | 16.8 | 0.61 | 16.0 | 17.6 | 326.0 | 250.0 | NA | NA | NA | NA | NA | NA |
| 9/20/2018 | 16.6 | 0.22 | 16.2 | 16.9 | 342.6 | 262.6 | NA | NA | NA | NA | NA | NA |
| 9/21/2018 | 16.5 | 0.19 | 16.1 | 16.8 | 359.2 | 275.2 | NA | NA | NA | NA | NA | NA |
| 9/22/2018 | 16.5 | 0.10 | 16.3 | 16.7 | 375.7 | 287.7 | NA | NA | NA | NA | NA | NA |
| 9/23/2018 | 16.2 | 0.08 | 16.1 | 16.4 | 391.9 | 299.9 | NA | NA | NA | NA | NA | NA |
| 9/24/2018 | 15.8 | 0.29 | 15.1 | 16.1 | 407.7 | 311.7 | NA | NA | NA | NA | NA | NA |
| 9/25/2018 | 15.5 | 0.30 | 14.8 | 15.9 | 423.2 | 323.2 | NA | NA | NA | NA | NA | NA |
| 9/26/2018 | 15.6 | 0.19 | 15.2 | 15.8 | 438.8 | 334.8 | NA | NA | NA | NA | NA | NA |
| 9/27/2018 | 15.9 | 0.05 | 15.8 | 16.0 | 454.7 | 346.7 | NA | NA | NA | NA | NA | NA |



Daily mean temperature for Nine Mile Creek, P.E.I., 2018.

North Cape, P.E.I.

2018

April

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 4/27/2018 | 1.8 | 0.34 | 1.1 | 2.2 | 1.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/28/2018 | 1.6 | 0.10 | 1.5 | 1.8 | 3.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/29/2018 | 1.7 | 0.31 | 1.4 | 2.5 | 5.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/30/2018 | 0.6 | 0.47 | 0.0 | 1.6 | 5.7 | 0.0 | NA | NA | NA | NA | NA | NA |

May

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 5/1/2018 | 0.3 | 0.41 | -0.3 | 1.3 | 0.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/2/2018 | 2.2 | 1.01 | 0.2 | 3.3 | 2.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/3/2018 | 1.7 | 0.96 | 0.5 | 3.5 | 4.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/4/2018 | 1.0 | 0.22 | 0.6 | 1.3 | 5.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/5/2018 | 2.3 | 1.09 | 0.4 | 3.3 | 7.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/6/2018 | 3.0 | 0.22 | 2.8 | 3.4 | 10.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/7/2018 | 2.0 | 0.75 | 0.9 | 3.3 | 12.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/8/2018 | 1.4 | 0.92 | 0.3 | 3.5 | 14.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/9/2018 | 3.1 | 0.54 | 2.0 | 3.7 | 17.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/10/2018 | 1.3 | 0.64 | 0.4 | 2.4 | 18.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/11/2018 | 3.0 | 1.56 | 0.9 | 4.8 | 21.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/12/2018 | 3.5 | 1.11 | 1.9 | 4.9 | 24.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/13/2018 | 3.0 | 0.63 | 1.3 | 3.7 | 27.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/14/2018 | 3.2 | 0.81 | 2.2 | 4.8 | 31.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/15/2018 | 5.2 | 0.73 | 3.6 | 5.9 | 36.3 | 1.2 | NA | NA | NA | NA | NA | NA |
| 5/16/2018 | 3.8 | 2.02 | 1.4 | 6.2 | 40.0 | 1.2 | NA | NA | NA | NA | NA | NA |
| 5/17/2018 | 4.5 | 1.95 | 1.8 | 6.8 | 44.5 | 1.7 | NA | NA | NA | NA | NA | NA |
| 5/18/2018 | 4.1 | 1.05 | 3.0 | 6.2 | 48.6 | 1.7 | NA | NA | NA | NA | NA | NA |
| 5/19/2018 | 3.1 | 1.00 | 2.2 | 5.9 | 51.7 | 1.7 | NA | NA | NA | NA | NA | NA |
| 5/20/2018 | 3.5 | 1.00 | 2.0 | 5.2 | 55.3 | 1.7 | NA | NA | NA | NA | NA | NA |
| 5/21/2018 | 3.4 | 1.11 | 2.4 | 6.2 | 58.7 | 1.7 | NA | NA | NA | NA | NA | NA |
| 5/22/2018 | 2.8 | 0.56 | 2.1 | 4.1 | 61.5 | 1.7 | NA | NA | NA | NA | NA | NA |
| 5/23/2018 | 4.8 | 1.72 | 2.0 | 7.1 | 66.3 | 2.5 | NA | NA | NA | NA | NA | NA |
| 5/24/2018 | 1.8 | 0.72 | 1.0 | 2.7 | 68.1 | 2.5 | NA | NA | NA | NA | NA | NA |
| 5/25/2018 | 4.6 | 1.65 | 2.2 | 6.3 | 72.7 | 3.2 | NA | NA | NA | NA | NA | NA |
| 5/26/2018 | 4.6 | 0.70 | 3.7 | 5.6 | 77.3 | 3.8 | NA | NA | NA | NA | NA | NA |
| 5/27/2018 | 4.2 | 1.08 | 3.1 | 6.9 | 81.6 | 4.0 | NA | NA | NA | NA | NA | NA |
| 5/28/2018 | 6.0 | 1.21 | 3.8 | 7.8 | 87.6 | 6.0 | NA | NA | NA | NA | NA | NA |
| 5/29/2018 | 7.1 | 1.32 | 4.3 | 8.0 | 94.6 | 9.1 | NA | NA | NA | NA | NA | NA |
| 5/30/2018 | 5.3 | 1.77 | 3.6 | 8.1 | 99.9 | 10.4 | NA | NA | NA | NA | NA | NA |
| 5/31/2018 | 6.1 | 1.57 | 3.2 | 8.8 | 106.0 | 12.5 | NA | NA | NA | NA | NA | NA |

June

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/1/2018 | 6.6 | 0.78 | 5.4 | 7.6 | 6.6 | 2.6 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/2/2018 | 7.0 | 1.30 | 4.5 | 8.7 | 13.6 | 5.6 | NA | NA | NA | NA | NA | NA |
| 6/3/2018 | 2.9 | 1.32 | 1.8 | 5.9 | 16.5 | 5.6 | NA | NA | NA | NA | NA | NA |
| 6/4/2018 | 4.0 | 1.65 | 1.7 | 5.8 | 20.5 | 5.6 | NA | NA | NA | NA | NA | NA |
| 6/5/2018 | 5.9 | 0.34 | 5.4 | 6.3 | 26.4 | 7.5 | NA | NA | NA | NA | NA | NA |
| 6/6/2018 | 6.6 | 0.17 | 6.2 | 6.8 | 32.9 | 10.0 | NA | NA | NA | NA | NA | NA |
| 6/7/2018 | 6.8 | 0.25 | 6.4 | 7.3 | 39.8 | 12.9 | NA | NA | NA | NA | NA | NA |
| 6/8/2018 | 8.3 | 0.75 | 7.1 | 9.2 | 48.1 | 17.2 | NA | NA | NA | NA | NA | NA |
| 6/9/2018 | 6.9 | 1.29 | 4.9 | 9.3 | 55.0 | 20.1 | NA | NA | NA | NA | NA | NA |
| 6/10/2018 | 5.1 | 0.75 | 3.9 | 6.3 | 60.1 | 21.2 | NA | NA | NA | NA | NA | NA |
| 6/11/2018 | 5.7 | 0.80 | 4.6 | 7.3 | 65.8 | 22.9 | NA | NA | NA | NA | NA | NA |
| 6/12/2018 | 6.5 | 0.74 | 5.6 | 7.7 | 72.3 | 25.4 | NA | NA | NA | NA | NA | NA |
| 6/13/2018 | 9.3 | 0.76 | 7.2 | 10.2 | 81.6 | 30.7 | NA | NA | NA | NA | NA | NA |
| 6/14/2018 | 7.4 | 1.27 | 6.1 | 10.6 | 89.0 | 34.1 | NA | NA | NA | NA | NA | NA |
| 6/15/2018 | 6.2 | 0.24 | 5.7 | 6.5 | 95.2 | 36.3 | NA | NA | NA | NA | NA | NA |
| 6/16/2018 | 7.5 | 0.79 | 5.9 | 9.0 | 102.7 | 39.8 | NA | NA | NA | NA | NA | NA |
| 6/17/2018 | 7.6 | 0.81 | 6.5 | 9.7 | 110.2 | 43.3 | NA | NA | NA | NA | NA | NA |
| 6/18/2018 | 8.6 | 1.16 | 7.1 | 10.0 | 118.8 | 47.9 | NA | NA | NA | NA | NA | NA |
| 6/19/2018 | 10.4 | 0.30 | 10.0 | 10.7 | 129.2 | 54.3 | NA | NA | NA | NA | NA | NA |
| 6/20/2018 | 10.7 | 0.58 | 9.4 | 11.4 | 139.9 | 61.0 | NA | NA | NA | NA | NA | NA |
| 6/21/2018 | 10.8 | 1.23 | 7.9 | 11.6 | 150.7 | 67.8 | NA | NA | NA | NA | NA | NA |
| 6/22/2018 | 10.0 | 0.57 | 9.1 | 10.8 | 160.7 | 73.8 | NA | NA | NA | NA | NA | NA |
| 6/23/2018 | 12.1 | 0.91 | 9.6 | 12.6 | 172.7 | 81.8 | NA | NA | NA | NA | NA | NA |
| 6/24/2018 | 12.1 | 1.16 | 9.5 | 12.9 | 184.8 | 89.9 | NA | NA | NA | NA | NA | NA |
| 6/25/2018 | 6.8 | 1.69 | 4.9 | 9.6 | 191.6 | 92.7 | NA | NA | NA | NA | NA | NA |
| 6/26/2018 | 5.3 | 0.27 | 4.9 | 5.8 | 196.9 | 94.0 | NA | NA | NA | NA | NA | NA |
| 6/27/2018 | 7.9 | 1.81 | 5.2 | 10.6 | 204.8 | 97.9 | NA | NA | NA | NA | NA | NA |
| 6/28/2018 | 11.8 | 0.92 | 9.4 | 12.7 | 216.6 | 105.7 | NA | NA | NA | NA | NA | NA |
| 6/29/2018 | 12.8 | 0.40 | 11.6 | 13.1 | 229.4 | 114.5 | NA | NA | NA | NA | NA | NA |
| 6/30/2018 | 10.7 | 2.09 | 8.1 | 13.5 | 240.1 | 121.2 | NA | NA | NA | NA | NA | NA |

July

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/1/2018 | 9.4 | 2.34 | 7.1 | 13.5 | 9.4 | 5.4 | NA | NA | NA | NA | NA | NA |
| 7/2/2018 | 8.9 | 1.39 | 6.3 | 10.6 | 18.3 | 10.3 | NA | NA | NA | NA | NA | NA |
| 7/3/2018 | 10.2 | 3.09 | 6.6 | 14.7 | 28.4 | 16.4 | NA | NA | NA | NA | NA | NA |
| 7/4/2018 | 9.8 | 1.07 | 8.4 | 11.6 | 38.2 | 22.2 | NA | NA | NA | NA | NA | NA |
| 7/5/2018 | 7.8 | 0.77 | 6.9 | 9.4 | 46.0 | 26.0 | NA | NA | NA | NA | NA | NA |
| 7/6/2018 | 9.8 | 2.39 | 6.7 | 15.4 | 55.8 | 31.8 | NA | NA | NA | NA | NA | NA |
| 7/7/2018 | 12.6 | 3.61 | 8.1 | 16.0 | 68.4 | 40.4 | NA | NA | NA | NA | NA | NA |
| 7/8/2018 | 9.2 | 2.10 | 6.9 | 13.2 | 77.6 | 45.6 | NA | NA | NA | NA | NA | NA |
| 7/9/2018 | 14.8 | 2.17 | 9.2 | 16.5 | 92.4 | 56.4 | NA | NA | NA | NA | NA | NA |
| 7/10/2018 | 10.7 | 3.99 | 6.1 | 15.9 | 103.2 | 63.2 | NA | NA | NA | NA | NA | NA |
| 7/11/2018 | 7.4 | 1.54 | 5.6 | 10.8 | 110.6 | 66.6 | NA | NA | NA | NA | NA | NA |
| 7/12/2018 | 6.7 | 0.49 | 5.6 | 7.4 | 117.3 | 69.3 | NA | NA | NA | NA | NA | NA |
| 7/13/2018 | 8.0 | 0.89 | 6.5 | 9.4 | 125.3 | 73.3 | NA | NA | NA | NA | NA | NA |
| 7/14/2018 | 10.1 | 1.25 | 8.0 | 11.9 | 135.4 | 79.4 | NA | NA | NA | NA | NA | NA |
| 7/15/2018 | 10.0 | 1.49 | 8.3 | 12.1 | 145.4 | 85.4 | NA | NA | NA | NA | NA | NA |
| 7/16/2018 | 9.2 | 1.59 | 6.8 | 12.0 | 154.7 | 90.7 | NA | NA | NA | NA | NA | NA |
| 7/17/2018 | 10.8 | 1.01 | 9.0 | 12.0 | 165.5 | 97.5 | NA | NA | NA | NA | NA | NA |
| 7/18/2018 | 10.9 | 1.29 | 8.8 | 13.0 | 176.4 | 104.4 | NA | NA | NA | NA | NA | NA |
| 7/19/2018 | 8.7 | 0.79 | 7.8 | 10.1 | 185.1 | 109.1 | NA | NA | NA | NA | NA | NA |
| 7/20/2018 | 9.3 | 1.38 | 7.7 | 11.8 | 194.4 | 114.4 | NA | NA | NA | NA | NA | NA |
| 7/21/2018 | 9.9 | 1.13 | 8.6 | 11.7 | 204.3 | 120.3 | NA | NA | NA | NA | NA | NA |
| 7/22/2018 | 8.8 | 1.19 | 6.9 | 10.4 | 213.1 | 125.1 | NA | NA | NA | NA | NA | NA |
| 7/23/2018 | 9.8 | 0.76 | 9.0 | 11.3 | 222.9 | 130.9 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/24/2018 | 9.9 | 1.22 | 7.9 | 11.4 | 232.8 | 136.8 | NA | NA | NA | NA | NA | NA |
| 7/25/2018 | 10.9 | 4.02 | 8.1 | 19.9 | 243.7 | 143.7 | NA | NA | NA | NA | NA | NA |
| 7/26/2018 | 11.8 | 3.09 | 9.1 | 18.3 | 255.5 | 151.5 | NA | NA | NA | NA | NA | NA |
| 7/27/2018 | 11.0 | 4.11 | 7.3 | 20.3 | 266.4 | 158.4 | NA | NA | NA | NA | NA | NA |
| 7/28/2018 | 8.1 | 1.10 | 5.8 | 9.6 | 274.5 | 162.5 | NA | NA | NA | NA | NA | NA |
| 7/29/2018 | 7.3 | 0.85 | 5.9 | 8.7 | 281.8 | 165.8 | NA | NA | NA | NA | NA | NA |
| 7/30/2018 | 7.4 | 0.86 | 5.9 | 8.9 | 289.2 | 169.2 | NA | NA | NA | NA | NA | NA |
| 7/31/2018 | 7.5 | 0.87 | 5.8 | 8.4 | 296.6 | 172.6 | NA | NA | NA | NA | NA | NA |

August

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/1/2018 | 7.5 | 0.87 | 6.4 | 9.1 | 7.5 | 3.5 | NA | NA | NA | NA | NA | NA |
| 8/2/2018 | 8.1 | 1.39 | 5.9 | 10.5 | 15.6 | 7.6 | NA | NA | NA | NA | NA | NA |
| 8/3/2018 | 9.1 | 1.19 | 7.2 | 10.8 | 24.8 | 12.8 | NA | NA | NA | NA | NA | NA |
| 8/4/2018 | 6.8 | 0.65 | 6.1 | 7.9 | 31.6 | 15.6 | NA | NA | NA | NA | NA | NA |
| 8/5/2018 | 6.8 | 0.96 | 5.6 | 8.7 | 38.4 | 18.4 | NA | NA | NA | NA | NA | NA |
| 8/6/2018 | 6.5 | 0.31 | 6.1 | 7.1 | 44.9 | 20.9 | NA | NA | NA | NA | NA | NA |
| 8/7/2018 | 7.2 | 0.56 | 6.5 | 8.1 | 52.1 | 24.1 | NA | NA | NA | NA | NA | NA |
| 8/8/2018 | 8.7 | 1.24 | 7.1 | 10.6 | 60.8 | 28.8 | NA | NA | NA | NA | NA | NA |
| 8/9/2018 | 7.8 | 0.99 | 6.1 | 9.2 | 68.6 | 32.6 | NA | NA | NA | NA | NA | NA |
| 8/10/2018 | 9.8 | 0.91 | 7.9 | 11.6 | 78.5 | 38.5 | NA | NA | NA | NA | NA | NA |
| 8/11/2018 | 10.7 | 1.45 | 8.5 | 13.5 | 89.1 | 45.1 | NA | NA | NA | NA | NA | NA |
| 8/12/2018 | 10.3 | 1.38 | 8.0 | 12.8 | 99.4 | 51.4 | NA | NA | NA | NA | NA | NA |
| 8/13/2018 | 10.6 | 2.06 | 7.8 | 13.9 | 110.0 | 58.0 | NA | NA | NA | NA | NA | NA |
| 8/14/2018 | 11.5 | 1.81 | 7.9 | 14.5 | 121.5 | 65.5 | NA | NA | NA | NA | NA | NA |
| 8/15/2018 | 11.6 | 1.40 | 9.6 | 13.1 | 133.1 | 73.1 | NA | NA | NA | NA | NA | NA |
| 8/16/2018 | 9.9 | 1.53 | 7.9 | 12.5 | 143.0 | 79.0 | NA | NA | NA | NA | NA | NA |
| 8/17/2018 | 8.0 | 1.01 | 6.4 | 9.8 | 151.0 | 83.0 | NA | NA | NA | NA | NA | NA |
| 8/18/2018 | 10.0 | 0.73 | 8.9 | 11.1 | 161.0 | 89.0 | NA | NA | NA | NA | NA | NA |
| 8/19/2018 | 9.8 | 1.60 | 7.8 | 12.3 | 170.8 | 94.8 | NA | NA | NA | NA | NA | NA |
| 8/20/2018 | 11.9 | 1.28 | 9.5 | 13.5 | 182.7 | 102.7 | NA | NA | NA | NA | NA | NA |
| 8/21/2018 | 14.9 | 0.87 | 13.7 | 16.4 | 197.6 | 113.6 | NA | NA | NA | NA | NA | NA |
| 8/22/2018 | 14.7 | 1.16 | 12.2 | 16.1 | 212.4 | 124.4 | NA | NA | NA | NA | NA | NA |
| 8/23/2018 | 17.3 | 1.71 | 14.1 | 19.2 | 229.7 | 137.7 | NA | NA | NA | NA | NA | NA |
| 8/24/2018 | 14.0 | 4.10 | 9.0 | 19.3 | 243.7 | 147.7 | NA | NA | NA | NA | NA | NA |
| 8/25/2018 | 10.1 | 1.57 | 7.6 | 13.0 | 253.9 | 153.9 | NA | NA | NA | NA | NA | NA |
| 8/26/2018 | 12.3 | 3.26 | 8.8 | 17.8 | 266.1 | 162.1 | NA | NA | NA | NA | NA | NA |
| 8/27/2018 | 11.1 | 2.06 | 7.9 | 15.5 | 277.3 | 169.3 | NA | NA | NA | NA | NA | NA |
| 8/28/2018 | 9.8 | 1.48 | 8.3 | 13.5 | 287.1 | 175.1 | NA | NA | NA | NA | NA | NA |
| 8/29/2018 | 10.0 | 3.14 | 7.7 | 17.4 | 297.1 | 181.1 | NA | NA | NA | NA | NA | NA |
| 8/30/2018 | 9.2 | 1.99 | 7.1 | 13.6 | 306.3 | 186.3 | NA | NA | NA | NA | NA | NA |
| 8/31/2018 | 8.0 | 0.88 | 6.9 | 9.7 | 314.3 | 190.3 | NA | NA | NA | NA | NA | NA |

September

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/1/2018 | 9.3 | 1.08 | 7.3 | 10.6 | 9.3 | 5.3 | NA | NA | NA | NA | NA | NA |
| 9/2/2018 | 15.1 | 3.29 | 10.5 | 18.8 | 24.4 | 16.4 | NA | NA | NA | NA | NA | NA |
| 9/3/2018 | 11.2 | 1.11 | 9.8 | 13.3 | 35.6 | 23.6 | NA | NA | NA | NA | NA | NA |
| 9/4/2018 | 10.8 | 1.52 | 9.9 | 15.5 | 46.4 | 30.4 | NA | NA | NA | NA | NA | NA |
| 9/5/2018 | 9.3 | 1.60 | 7.7 | 12.5 | 55.8 | 35.8 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/6/2018 | 13.5 | 3.47 | 9.0 | 18.3 | 69.3 | 45.3 | NA | NA | NA | NA | NA | NA |
| 9/7/2018 | 10.1 | 4.05 | 7.4 | 17.5 | 79.4 | 51.4 | NA | NA | NA | NA | NA | NA |
| 9/8/2018 | 10.9 | 2.94 | 7.5 | 17.2 | 90.3 | 58.3 | NA | NA | NA | NA | NA | NA |
| 9/9/2018 | 10.6 | 2.49 | 7.6 | 15.5 | 100.9 | 64.9 | NA | NA | NA | NA | NA | NA |
| 9/10/2018 | 11.0 | 1.01 | 9.3 | 12.8 | 111.9 | 71.9 | NA | NA | NA | NA | NA | NA |
| 9/11/2018 | 13.0 | 1.89 | 10.1 | 16.3 | 124.9 | 80.9 | NA | NA | NA | NA | NA | NA |
| 9/12/2018 | 12.7 | 2.29 | 9.2 | 17.0 | 137.6 | 89.6 | NA | NA | NA | NA | NA | NA |
| 9/13/2018 | 13.4 | 1.57 | 10.9 | 15.5 | 151.0 | 99.0 | NA | NA | NA | NA | NA | NA |
| 9/14/2018 | 13.0 | 1.39 | 10.8 | 15.3 | 164.0 | 108.0 | NA | NA | NA | NA | NA | NA |
| 9/15/2018 | 14.7 | 1.32 | 13.1 | 17.0 | 178.7 | 118.7 | NA | NA | NA | NA | NA | NA |
| 9/16/2018 | 13.8 | 1.02 | 12.1 | 14.8 | 192.5 | 128.5 | NA | NA | NA | NA | NA | NA |
| 9/17/2018 | 13.8 | 1.18 | 12.2 | 15.9 | 206.3 | 138.3 | NA | NA | NA | NA | NA | NA |
| 9/18/2018 | 13.7 | 2.15 | 10.1 | 16.6 | 220.0 | 148.0 | NA | NA | NA | NA | NA | NA |
| 9/19/2018 | 8.1 | 1.20 | 5.7 | 9.6 | 228.1 | 152.1 | NA | NA | NA | NA | NA | NA |
| 9/20/2018 | 6.6 | 0.61 | 5.4 | 7.3 | 234.7 | 154.7 | NA | NA | NA | NA | NA | NA |
| 9/21/2018 | 11.5 | 1.81 | 8.3 | 13.6 | 246.2 | 162.2 | NA | NA | NA | NA | NA | NA |
| 9/22/2018 | 14.4 | 0.36 | 13.7 | 14.8 | 260.6 | 172.6 | NA | NA | NA | NA | NA | NA |
| 9/23/2018 | 14.2 | 0.23 | 13.9 | 14.6 | 274.8 | 182.8 | NA | NA | NA | NA | NA | NA |
| 9/24/2018 | 12.9 | 0.80 | 12.1 | 14.2 | 287.7 | 191.7 | NA | NA | NA | NA | NA | NA |
| 9/25/2018 | 12.2 | 0.15 | 12.1 | 12.6 | 300.0 | 200.0 | NA | NA | NA | NA | NA | NA |
| 9/26/2018 | 12.7 | 0.38 | 12.2 | 13.3 | 312.7 | 208.7 | NA | NA | NA | NA | NA | NA |
| 9/27/2018 | 12.9 | 0.38 | 12.6 | 13.6 | 325.6 | 217.6 | NA | NA | NA | NA | NA | NA |
| 9/28/2018 | 12.8 | 0.50 | 12.2 | 13.8 | 338.4 | 226.4 | NA | NA | NA | NA | NA | NA |
| 9/29/2018 | 12.6 | 0.40 | 12.2 | 13.3 | 351.0 | 235.0 | NA | NA | NA | NA | NA | NA |
| 9/30/2018 | 13.0 | 0.28 | 12.4 | 13.5 | 363.9 | 243.9 | NA | NA | NA | NA | NA | NA |

October

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/1/2018 | 13.0 | 0.28 | 12.6 | 13.5 | 13.0 | 9.0 | NA | NA | NA | NA | NA | NA |
| 10/2/2018 | 12.9 | 0.35 | 12.3 | 13.6 | 25.9 | 17.9 | NA | NA | NA | NA | NA | NA |
| 10/3/2018 | 12.3 | 0.40 | 11.6 | 13.0 | 38.2 | 26.2 | NA | NA | NA | NA | NA | NA |
| 10/4/2018 | 12.8 | 0.20 | 12.6 | 13.2 | 50.9 | 34.9 | NA | NA | NA | NA | NA | NA |
| 10/5/2018 | 13.1 | 0.18 | 12.7 | 13.3 | 64.0 | 44.0 | NA | NA | NA | NA | NA | NA |
| 10/6/2018 | 12.7 | 0.18 | 12.5 | 13.0 | 76.7 | 52.7 | NA | NA | NA | NA | NA | NA |
| 10/7/2018 | 12.7 | 0.15 | 12.4 | 12.8 | 89.4 | 61.4 | NA | NA | NA | NA | NA | NA |
| 10/8/2018 | 12.3 | 0.20 | 11.9 | 12.7 | 101.7 | 69.7 | NA | NA | NA | NA | NA | NA |
| 10/9/2018 | 12.5 | 0.21 | 12.1 | 12.7 | 114.1 | 78.1 | NA | NA | NA | NA | NA | NA |
| 10/10/2018 | 12.3 | 0.21 | 12.0 | 12.7 | 126.5 | 86.5 | NA | NA | NA | NA | NA | NA |
| 10/11/2018 | 11.6 | 0.41 | 11.0 | 12.2 | 138.0 | 94.0 | NA | NA | NA | NA | NA | NA |
| 10/12/2018 | 11.4 | 0.27 | 10.9 | 11.8 | 149.4 | 101.4 | NA | NA | NA | NA | NA | NA |
| 10/13/2018 | 11.3 | 0.16 | 11.2 | 11.6 | 160.7 | 108.7 | NA | NA | NA | NA | NA | NA |
| 10/14/2018 | 11.4 | 0.08 | 11.3 | 11.6 | 172.2 | 116.2 | NA | NA | NA | NA | NA | NA |
| 10/15/2018 | 11.1 | 0.27 | 10.3 | 11.2 | 183.3 | 123.3 | NA | NA | NA | NA | NA | NA |
| 10/16/2018 | 11.1 | 0.35 | 10.0 | 11.3 | 194.3 | 130.3 | NA | NA | NA | NA | NA | NA |
| 10/17/2018 | 10.7 | 0.23 | 10.3 | 11.1 | 205.1 | 137.1 | NA | NA | NA | NA | NA | NA |
| 10/18/2018 | 10.4 | 0.44 | 9.5 | 10.8 | 215.5 | 143.5 | NA | NA | NA | NA | NA | NA |
| 10/19/2018 | 9.3 | 0.19 | 8.8 | 9.6 | 224.7 | 148.7 | NA | NA | NA | NA | NA | NA |
| 10/20/2018 | 9.2 | 0.38 | 8.8 | 9.8 | 233.9 | 153.9 | NA | NA | NA | NA | NA | NA |
| 10/21/2018 | 9.0 | 0.20 | 8.8 | 9.4 | 243.0 | 159.0 | NA | NA | NA | NA | NA | NA |
| 10/22/2018 | 8.9 | 0.21 | 8.7 | 9.2 | 251.8 | 163.8 | NA | NA | NA | NA | NA | NA |
| 10/23/2018 | 8.9 | 0.21 | 8.4 | 9.1 | 260.7 | 168.7 | NA | NA | NA | NA | NA | NA |
| 10/24/2018 | 8.3 | 0.15 | 8.0 | 8.6 | 269.0 | 173.0 | NA | NA | NA | NA | NA | NA |
| 10/25/2018 | 8.1 | 0.08 | 8.1 | 8.3 | 277.1 | 177.1 | NA | NA | NA | NA | NA | NA |
| 10/26/2018 | 8.0 | 0.06 | 7.9 | 8.1 | 285.2 | 181.2 | NA | NA | NA | NA | NA | NA |
| 10/27/2018 | 7.5 | 0.59 | 5.7 | 7.9 | 292.7 | 184.7 | NA | NA | NA | NA | NA | NA |

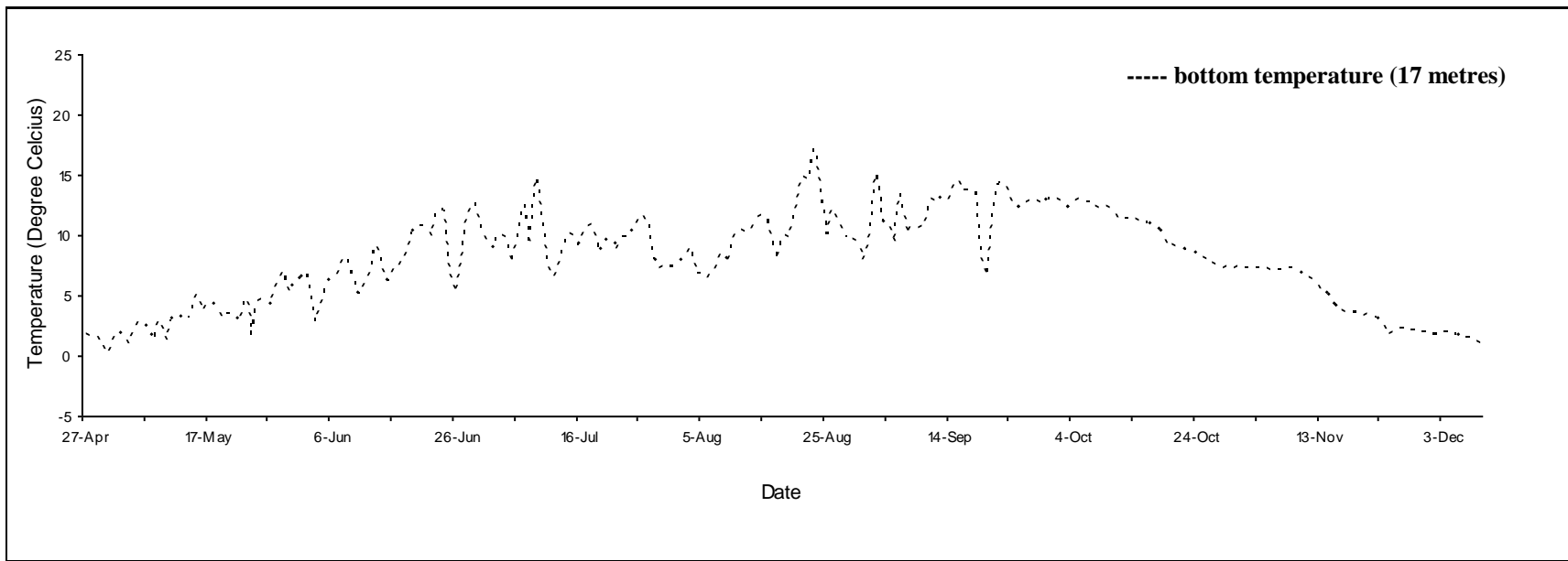
| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/28/2018 | 7.2 | 0.28 | 6.5 | 7.5 | 299.9 | 187.9 | NA | NA | NA | NA | NA | NA |
| 10/29/2018 | 7.4 | 0.12 | 7.1 | 7.5 | 307.3 | 191.3 | NA | NA | NA | NA | NA | NA |
| 10/30/2018 | 7.3 | 0.09 | 7.1 | 7.5 | 314.6 | 194.6 | NA | NA | NA | NA | NA | NA |
| 10/31/2018 | 7.4 | 0.04 | 7.3 | 7.4 | 322.0 | 198.0 | NA | NA | NA | NA | NA | NA |

November

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 11/1/2018 | 7.3 | 0.03 | 7.3 | 7.4 | 7.3 | 3.3 | NA | NA | NA | NA | NA | NA |
| 11/2/2018 | 7.2 | 0.11 | 7.1 | 7.4 | 14.5 | 6.5 | NA | NA | NA | NA | NA | NA |
| 11/3/2018 | 7.2 | 0.12 | 7.0 | 7.4 | 21.7 | 9.7 | NA | NA | NA | NA | NA | NA |
| 11/4/2018 | 7.3 | 0.03 | 7.3 | 7.3 | 29.0 | 13.0 | NA | NA | NA | NA | NA | NA |
| 11/5/2018 | 7.2 | 0.05 | 7.1 | 7.3 | 36.2 | 16.2 | NA | NA | NA | NA | NA | NA |
| 11/6/2018 | 7.1 | 0.14 | 6.8 | 7.2 | 43.3 | 19.3 | NA | NA | NA | NA | NA | NA |
| 11/7/2018 | 7.2 | 0.15 | 6.9 | 7.3 | 50.5 | 22.5 | NA | NA | NA | NA | NA | NA |
| 11/8/2018 | 7.3 | 0.04 | 7.3 | 7.4 | 57.8 | 25.8 | NA | NA | NA | NA | NA | NA |
| 11/9/2018 | 7.2 | 0.09 | 7.1 | 7.4 | 65.1 | 29.1 | NA | NA | NA | NA | NA | NA |
| 11/10/2018 | 6.8 | 0.19 | 6.5 | 7.2 | 71.9 | 31.9 | NA | NA | NA | NA | NA | NA |
| 11/11/2018 | 6.5 | 0.16 | 6.3 | 6.8 | 78.4 | 34.4 | NA | NA | NA | NA | NA | NA |
| 11/12/2018 | 6.2 | 0.11 | 6.1 | 6.4 | 84.6 | 36.6 | NA | NA | NA | NA | NA | NA |
| 11/13/2018 | 5.6 | 0.52 | 4.3 | 6.1 | 90.2 | 38.2 | NA | NA | NA | NA | NA | NA |
| 11/14/2018 | 5.2 | 0.24 | 4.8 | 5.7 | 95.4 | 39.4 | NA | NA | NA | NA | NA | NA |
| 11/15/2018 | 4.4 | 0.21 | 4.1 | 4.7 | 99.8 | 39.8 | NA | NA | NA | NA | NA | NA |
| 11/16/2018 | 4.0 | 0.24 | 3.6 | 4.2 | 103.8 | 39.8 | NA | NA | NA | NA | NA | NA |
| 11/17/2018 | 3.6 | 0.08 | 3.5 | 3.8 | 107.4 | 39.8 | NA | NA | NA | NA | NA | NA |
| 11/18/2018 | 3.6 | 0.07 | 3.5 | 3.7 | 111.0 | 39.8 | NA | NA | NA | NA | NA | NA |
| 11/19/2018 | 3.6 | 0.15 | 3.2 | 3.7 | 114.6 | 39.8 | NA | NA | NA | NA | NA | NA |
| 11/20/2018 | 3.4 | 0.15 | 3.2 | 3.6 | 118.0 | 39.8 | NA | NA | NA | NA | NA | NA |
| 11/21/2018 | 3.5 | 0.04 | 3.4 | 3.5 | 121.5 | 39.8 | NA | NA | NA | NA | NA | NA |
| 11/22/2018 | 3.1 | 0.15 | 3.0 | 3.4 | 124.6 | 39.8 | NA | NA | NA | NA | NA | NA |
| 11/23/2018 | 2.8 | 0.19 | 2.3 | 3.0 | 127.4 | 39.8 | NA | NA | NA | NA | NA | NA |
| 11/24/2018 | 1.8 | 0.43 | 1.0 | 2.3 | 129.2 | 39.8 | NA | NA | NA | NA | NA | NA |
| 11/25/2018 | 2.1 | 0.31 | 1.6 | 2.5 | 131.3 | 39.8 | NA | NA | NA | NA | NA | NA |
| 11/26/2018 | 2.3 | 0.36 | 1.5 | 2.6 | 133.5 | 39.8 | NA | NA | NA | NA | NA | NA |
| 11/27/2018 | 2.3 | 0.30 | 1.6 | 2.5 | 135.8 | 39.8 | NA | NA | NA | NA | NA | NA |
| 11/28/2018 | 2.1 | 0.14 | 1.9 | 2.4 | 137.9 | 39.8 | NA | NA | NA | NA | NA | NA |
| 11/29/2018 | 2.0 | 0.06 | 1.9 | 2.1 | 140.0 | 39.8 | NA | NA | NA | NA | NA | NA |
| 11/30/2018 | 2.0 | 0.07 | 1.9 | 2.1 | 141.9 | 39.8 | NA | NA | NA | NA | NA | NA |

December

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 12/1/2018 | 1.8 | 0.02 | 1.8 | 1.9 | 1.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/2/2018 | 1.9 | 0.08 | 1.7 | 2.0 | 3.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/3/2018 | 1.9 | 0.11 | 1.7 | 2.0 | 5.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/4/2018 | 1.9 | 0.07 | 1.8 | 2.0 | 7.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/5/2018 | 1.7 | 0.05 | 1.7 | 1.8 | 9.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/6/2018 | 1.5 | 0.23 | 0.9 | 1.7 | 10.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/7/2018 | 1.5 | 0.16 | 1.0 | 1.6 | 12.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/8/2018 | 1.3 | 0.11 | 1.2 | 1.6 | 13.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/9/2018 | 1.0 | 0.13 | 0.7 | 1.1 | 14.7 | 0.0 | NA | NA | NA | NA | NA | NA |



Daily mean temperature for North Cape, P.E.I., 2018.

North Tracadie, N.B.

2018

April

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 4/29/2018 | 3.3 | 0.28 | 3.0 | 3.8 | 3.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/30/2018 | 3.4 | 0.18 | 3.1 | 3.7 | 6.7 | 0.0 | NA | NA | NA | NA | NA | NA |

May

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 5/1/2018 | 3.8 | 0.34 | 3.4 | 4.4 | 3.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/2/2018 | 3.8 | 0.46 | 3.2 | 4.7 | 7.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/3/2018 | 4.0 | 0.41 | 3.5 | 4.6 | 11.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/4/2018 | 4.2 | 0.15 | 3.9 | 4.4 | 15.8 | 0.2 | NA | NA | NA | NA | NA | NA |
| 5/5/2018 | 4.6 | 0.32 | 4.2 | 5.3 | 20.4 | 0.9 | NA | NA | NA | NA | NA | NA |
| 5/6/2018 | 5.0 | 0.29 | 4.6 | 5.4 | 25.4 | 1.8 | NA | NA | NA | NA | NA | NA |
| 5/7/2018 | 5.2 | 0.30 | 4.7 | 5.7 | 30.6 | 3.0 | NA | NA | NA | NA | NA | NA |
| 5/8/2018 | 5.6 | 0.22 | 5.3 | 5.9 | 36.1 | 4.6 | NA | NA | NA | NA | NA | NA |
| 5/9/2018 | 5.7 | 0.41 | 4.9 | 6.2 | 41.8 | 6.3 | NA | NA | NA | NA | NA | NA |
| 5/10/2018 | 6.1 | 0.28 | 5.6 | 6.6 | 48.0 | 8.4 | NA | NA | NA | NA | NA | NA |
| 5/11/2018 | 6.4 | 0.77 | 4.2 | 7.0 | 54.3 | 10.8 | NA | NA | NA | NA | NA | NA |
| 5/12/2018 | 5.3 | 0.64 | 3.9 | 6.1 | 59.6 | 12.0 | NA | NA | NA | NA | NA | NA |
| 5/13/2018 | 5.2 | 0.53 | 4.3 | 6.0 | 64.8 | 13.3 | NA | NA | NA | NA | NA | NA |
| 5/14/2018 | 5.6 | 0.61 | 4.7 | 6.4 | 70.4 | 14.9 | NA | NA | NA | NA | NA | NA |
| 5/15/2018 | 5.9 | 0.77 | 4.6 | 6.7 | 76.4 | 16.8 | NA | NA | NA | NA | NA | NA |
| 5/16/2018 | 5.9 | 0.68 | 4.9 | 6.7 | 82.3 | 18.8 | NA | NA | NA | NA | NA | NA |
| 5/17/2018 | 6.6 | 0.12 | 6.4 | 6.8 | 88.9 | 21.4 | NA | NA | NA | NA | NA | NA |
| 5/18/2018 | 6.6 | 0.27 | 6.3 | 7.2 | 95.6 | 24.0 | NA | NA | NA | NA | NA | NA |
| 5/19/2018 | 7.0 | 0.30 | 6.4 | 7.5 | 102.5 | 27.0 | NA | NA | NA | NA | NA | NA |
| 5/20/2018 | 7.3 | 0.22 | 6.9 | 7.7 | 109.8 | 30.3 | NA | NA | NA | NA | NA | NA |
| 5/21/2018 | 6.6 | 0.66 | 5.8 | 7.6 | 116.5 | 32.9 | NA | NA | NA | NA | NA | NA |
| 5/22/2018 | 6.6 | 0.61 | 5.5 | 7.4 | 123.0 | 35.5 | NA | NA | NA | NA | NA | NA |
| 5/23/2018 | 7.5 | 0.40 | 7.2 | 8.3 | 130.6 | 39.0 | NA | NA | NA | NA | NA | NA |
| 5/24/2018 | 7.3 | 0.88 | 6.0 | 8.4 | 137.9 | 42.3 | NA | NA | NA | NA | NA | NA |
| 5/25/2018 | 7.9 | 0.58 | 6.8 | 8.4 | 145.7 | 46.2 | NA | NA | NA | NA | NA | NA |
| 5/26/2018 | 7.6 | 0.81 | 6.3 | 8.7 | 153.4 | 49.8 | NA | NA | NA | NA | NA | NA |
| 5/27/2018 | 8.1 | 0.71 | 6.9 | 9.1 | 161.4 | 53.9 | NA | NA | NA | NA | NA | NA |
| 5/28/2018 | 8.3 | 0.84 | 7.2 | 9.3 | 169.7 | 58.2 | NA | NA | NA | NA | NA | NA |
| 5/29/2018 | 8.6 | 0.68 | 7.5 | 9.6 | 178.3 | 62.8 | NA | NA | NA | NA | NA | NA |
| 5/30/2018 | 8.8 | 0.30 | 8.2 | 9.1 | 187.1 | 67.6 | NA | NA | NA | NA | NA | NA |
| 5/31/2018 | 9.1 | 0.39 | 8.7 | 9.8 | 196.3 | 72.7 | NA | NA | NA | NA | NA | NA |

June

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/1/2018 | 9.3 | 0.57 | 8.5 | 10.1 | 9.3 | 5.3 | NA | NA | NA | NA | NA | NA |
| 6/2/2018 | 9.7 | 1.19 | 7.3 | 11.3 | 19.0 | 11.0 | NA | NA | NA | NA | NA | NA |
| 6/3/2018 | 9.5 | 0.92 | 8.2 | 10.9 | 28.4 | 16.4 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/4/2018 | 9.4 | 0.68 | 8.5 | 10.2 | 37.8 | 21.8 | NA | NA | NA | NA | NA | NA |
| 6/5/2018 | 9.3 | 0.43 | 8.8 | 10.2 | 47.1 | 27.1 | NA | NA | NA | NA | NA | NA |
| 6/6/2018 | 9.2 | 0.41 | 8.6 | 9.6 | 56.2 | 32.2 | NA | NA | NA | NA | NA | NA |
| 6/7/2018 | 9.0 | 0.37 | 8.4 | 9.5 | 65.2 | 37.2 | NA | NA | NA | NA | NA | NA |
| 6/8/2018 | 9.9 | 0.67 | 9.0 | 10.9 | 75.1 | 43.1 | NA | NA | NA | NA | NA | NA |
| 6/9/2018 | 9.1 | 0.58 | 8.2 | 9.8 | 84.3 | 48.3 | NA | NA | NA | NA | NA | NA |
| 6/10/2018 | 8.7 | 0.40 | 8.4 | 9.8 | 93.0 | 53.0 | NA | NA | NA | NA | NA | NA |
| 6/11/2018 | 9.2 | 0.77 | 8.3 | 10.3 | 102.1 | 58.1 | NA | NA | NA | NA | NA | NA |
| 6/12/2018 | 9.5 | 0.82 | 8.6 | 10.6 | 111.7 | 63.7 | NA | NA | NA | NA | NA | NA |
| 6/13/2018 | 10.2 | 0.38 | 9.6 | 10.8 | 121.9 | 69.9 | NA | NA | NA | NA | NA | NA |
| 6/14/2018 | 10.4 | 0.19 | 10.0 | 10.7 | 132.3 | 76.3 | NA | NA | NA | NA | NA | NA |
| 6/15/2018 | 10.7 | 0.17 | 10.4 | 11.0 | 143.0 | 83.0 | NA | NA | NA | NA | NA | NA |
| 6/16/2018 | 10.8 | 0.55 | 10.0 | 11.7 | 153.7 | 89.7 | NA | NA | NA | NA | NA | NA |
| 6/17/2018 | 10.9 | 0.40 | 9.9 | 11.5 | 164.7 | 96.7 | NA | NA | NA | NA | NA | NA |
| 6/18/2018 | 11.4 | 0.10 | 11.3 | 11.6 | 176.1 | 104.1 | NA | NA | NA | NA | NA | NA |
| 6/19/2018 | 11.1 | 0.76 | 10.0 | 11.9 | 187.2 | 111.2 | NA | NA | NA | NA | NA | NA |
| 6/20/2018 | 10.5 | 0.72 | 9.6 | 11.8 | 197.7 | 117.7 | NA | NA | NA | NA | NA | NA |
| 6/21/2018 | 10.9 | 1.03 | 9.7 | 12.5 | 208.6 | 124.6 | NA | NA | NA | NA | NA | NA |
| 6/22/2018 | 10.5 | 0.98 | 9.4 | 12.1 | 219.1 | 131.1 | NA | NA | NA | NA | NA | NA |
| 6/23/2018 | 11.1 | 1.55 | 9.6 | 13.4 | 230.2 | 138.2 | NA | NA | NA | NA | NA | NA |
| 6/24/2018 | 11.2 | 1.21 | 9.8 | 13.1 | 241.3 | 145.3 | NA | NA | NA | NA | NA | NA |
| 6/25/2018 | 10.9 | 0.87 | 9.7 | 12.2 | 252.2 | 152.2 | NA | NA | NA | NA | NA | NA |
| 6/26/2018 | 10.8 | 1.07 | 9.2 | 11.9 | 263.0 | 159.0 | NA | NA | NA | NA | NA | NA |
| 6/27/2018 | 12.1 | 1.07 | 10.6 | 13.2 | 275.1 | 167.1 | NA | NA | NA | NA | NA | NA |
| 6/28/2018 | 11.7 | 0.98 | 10.6 | 12.9 | 286.8 | 174.8 | NA | NA | NA | NA | NA | NA |
| 6/29/2018 | 12.5 | 0.73 | 10.8 | 13.3 | 299.3 | 183.3 | NA | NA | NA | NA | NA | NA |
| 6/30/2018 | 12.4 | 0.85 | 11.2 | 13.4 | 311.7 | 191.7 | NA | NA | NA | NA | NA | NA |

July

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/1/2018 | 12.9 | 1.19 | 11.7 | 14.8 | 12.9 | 8.9 | NA | NA | NA | NA | NA | NA |
| 7/2/2018 | 12.8 | 1.01 | 11.6 | 14.4 | 25.7 | 17.7 | NA | NA | NA | NA | NA | NA |
| 7/3/2018 | 13.7 | 1.06 | 12.8 | 15.6 | 39.4 | 27.4 | NA | NA | NA | NA | NA | NA |
| 7/4/2018 | 12.9 | 0.72 | 12.0 | 14.7 | 52.3 | 36.3 | NA | NA | NA | NA | NA | NA |
| 7/5/2018 | 13.1 | 0.59 | 12.2 | 13.9 | 65.4 | 45.4 | NA | NA | NA | NA | NA | NA |
| 7/6/2018 | 13.8 | 1.56 | 12.3 | 16.0 | 79.2 | 55.2 | NA | NA | NA | NA | NA | NA |
| 7/7/2018 | 11.7 | 0.63 | 11.0 | 12.8 | 90.9 | 62.9 | NA | NA | NA | NA | NA | NA |
| 7/8/2018 | 12.4 | 1.45 | 10.8 | 14.4 | 103.3 | 71.3 | NA | NA | NA | NA | NA | NA |
| 7/9/2018 | 13.5 | 1.98 | 11.4 | 16.6 | 116.9 | 80.9 | NA | NA | NA | NA | NA | NA |
| 7/10/2018 | 14.1 | 1.74 | 11.6 | 16.3 | 131.0 | 91.0 | NA | NA | NA | NA | NA | NA |
| 7/11/2018 | 13.6 | 1.73 | 11.6 | 16.2 | 144.6 | 100.6 | NA | NA | NA | NA | NA | NA |
| 7/12/2018 | 14.1 | 1.61 | 11.8 | 16.6 | 158.6 | 110.6 | NA | NA | NA | NA | NA | NA |
| 7/13/2018 | 15.7 | 1.57 | 13.3 | 17.7 | 174.3 | 122.3 | NA | NA | NA | NA | NA | NA |
| 7/14/2018 | 16.5 | 1.21 | 14.4 | 17.9 | 190.8 | 134.8 | NA | NA | NA | NA | NA | NA |
| 7/15/2018 | 17.2 | 0.89 | 15.9 | 18.5 | 208.1 | 148.1 | NA | NA | NA | NA | NA | NA |
| 7/16/2018 | 17.0 | 1.04 | 15.7 | 18.9 | 225.1 | 161.1 | NA | NA | NA | NA | NA | NA |
| 7/17/2018 | 16.5 | 1.41 | 14.3 | 19.0 | 241.6 | 173.6 | NA | NA | NA | NA | NA | NA |
| 7/18/2018 | 16.3 | 1.41 | 14.7 | 19.0 | 258.0 | 186.0 | NA | NA | NA | NA | NA | NA |
| 7/19/2018 | 15.2 | 0.69 | 14.2 | 16.2 | 273.2 | 197.2 | NA | NA | NA | NA | NA | NA |
| 7/20/2018 | 15.4 | 0.72 | 14.4 | 16.8 | 288.6 | 208.6 | NA | NA | NA | NA | NA | NA |
| 7/21/2018 | 17.4 | 1.33 | 15.2 | 19.0 | 306.0 | 222.0 | NA | NA | NA | NA | NA | NA |
| 7/22/2018 | 18.7 | 0.97 | 16.6 | 20.4 | 324.7 | 236.7 | NA | NA | NA | NA | NA | NA |
| 7/23/2018 | 17.6 | 1.53 | 15.8 | 20.6 | 342.3 | 250.3 | NA | NA | NA | NA | NA | NA |
| 7/24/2018 | 16.9 | 1.09 | 15.8 | 19.0 | 359.2 | 263.2 | NA | NA | NA | NA | NA | NA |
| 7/25/2018 | 16.5 | 1.07 | 14.9 | 19.0 | 375.7 | 275.7 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/26/2018 | 16.1 | 0.62 | 14.9 | 17.1 | 391.8 | 287.8 | NA | NA | NA | NA | NA | NA |
| 7/27/2018 | 17.6 | 1.58 | 16.2 | 20.0 | 409.4 | 301.4 | NA | NA | NA | NA | NA | NA |
| 7/28/2018 | 17.6 | 0.58 | 16.8 | 18.6 | 427.0 | 315.0 | NA | NA | NA | NA | NA | NA |
| 7/29/2018 | 17.9 | 0.87 | 16.5 | 19.1 | 444.8 | 328.8 | NA | NA | NA | NA | NA | NA |
| 7/30/2018 | 16.4 | 0.75 | 15.3 | 17.7 | 461.2 | 341.2 | NA | NA | NA | NA | NA | NA |
| 7/31/2018 | 15.5 | 0.38 | 14.9 | 16.4 | 476.7 | 352.7 | NA | NA | NA | NA | NA | NA |

August

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/1/2018 | 15.2 | 0.58 | 14.6 | 16.5 | 15.2 | 11.2 | NA | NA | NA | NA | NA | NA |
| 8/2/2018 | 15.4 | 0.71 | 14.8 | 17.3 | 30.6 | 22.6 | NA | NA | NA | NA | NA | NA |
| 8/3/2018 | 15.1 | 0.50 | 14.4 | 16.0 | 45.7 | 33.7 | NA | NA | NA | NA | NA | NA |
| 8/4/2018 | 15.0 | 0.49 | 14.5 | 16.0 | 60.8 | 44.8 | NA | NA | NA | NA | NA | NA |
| 8/5/2018 | 15.2 | 0.45 | 14.7 | 15.9 | 76.0 | 56.0 | NA | NA | NA | NA | NA | NA |
| 8/6/2018 | 15.6 | 0.44 | 14.9 | 16.5 | 91.6 | 67.6 | NA | NA | NA | NA | NA | NA |
| 8/7/2018 | 16.1 | 0.78 | 15.1 | 17.4 | 107.7 | 79.7 | NA | NA | NA | NA | NA | NA |
| 8/8/2018 | 15.9 | 0.93 | 15.0 | 17.4 | 123.6 | 91.6 | NA | NA | NA | NA | NA | NA |
| 8/9/2018 | 17.4 | 1.24 | 15.9 | 20.3 | 141.0 | 105.0 | NA | NA | NA | NA | NA | NA |
| 8/10/2018 | 17.6 | 1.97 | 15.6 | 20.4 | 158.5 | 118.5 | NA | NA | NA | NA | NA | NA |
| 8/11/2018 | 16.0 | 1.27 | 14.3 | 18.3 | 174.5 | 130.5 | NA | NA | NA | NA | NA | NA |
| 8/12/2018 | 16.1 | 1.55 | 14.0 | 18.7 | 190.6 | 142.6 | NA | NA | NA | NA | NA | NA |
| 8/13/2018 | 16.6 | 1.62 | 14.3 | 19.4 | 207.3 | 155.3 | NA | NA | NA | NA | NA | NA |
| 8/14/2018 | 17.7 | 1.44 | 15.3 | 20.4 | 225.0 | 169.0 | NA | NA | NA | NA | NA | NA |
| 8/15/2018 | 18.6 | 1.25 | 16.6 | 20.4 | 243.6 | 183.6 | NA | NA | NA | NA | NA | NA |
| 8/16/2018 | 16.3 | 1.99 | 14.4 | 20.4 | 259.9 | 195.9 | NA | NA | NA | NA | NA | NA |
| 8/17/2018 | 15.3 | 0.96 | 14.3 | 17.2 | 275.3 | 207.3 | NA | NA | NA | NA | NA | NA |
| 8/18/2018 | 17.5 | 1.68 | 15.3 | 20.6 | 292.7 | 220.7 | NA | NA | NA | NA | NA | NA |
| 8/19/2018 | 18.0 | 1.82 | 15.7 | 20.6 | 310.7 | 234.7 | NA | NA | NA | NA | NA | NA |
| 8/20/2018 | 19.1 | 1.00 | 17.7 | 20.8 | 329.8 | 249.8 | NA | NA | NA | NA | NA | NA |
| 8/21/2018 | 19.8 | 0.54 | 19.3 | 20.8 | 349.7 | 265.7 | NA | NA | NA | NA | NA | NA |
| 8/22/2018 | 19.8 | 0.50 | 19.1 | 20.6 | 369.5 | 281.5 | NA | NA | NA | NA | NA | NA |
| 8/23/2018 | 19.6 | 0.33 | 19.4 | 20.3 | 389.1 | 297.1 | NA | NA | NA | NA | NA | NA |
| 8/24/2018 | 19.6 | 0.49 | 18.3 | 20.0 | 408.7 | 312.7 | NA | NA | NA | NA | NA | NA |
| 8/25/2018 | 19.1 | 0.39 | 18.4 | 19.6 | 427.8 | 327.8 | NA | NA | NA | NA | NA | NA |
| 8/26/2018 | 18.9 | 0.28 | 18.3 | 19.1 | 446.6 | 342.6 | NA | NA | NA | NA | NA | NA |
| 8/27/2018 | 18.6 | 0.49 | 17.6 | 19.1 | 465.3 | 357.3 | NA | NA | NA | NA | NA | NA |
| 8/28/2018 | 18.2 | 1.00 | 16.4 | 19.6 | 483.5 | 371.5 | NA | NA | NA | NA | NA | NA |
| 8/29/2018 | 17.8 | 0.97 | 16.7 | 19.6 | 501.3 | 385.3 | NA | NA | NA | NA | NA | NA |
| 8/30/2018 | 17.2 | 1.40 | 15.6 | 19.3 | 518.5 | 398.5 | NA | NA | NA | NA | NA | NA |
| 8/31/2018 | 16.7 | 1.27 | 15.1 | 18.4 | 535.2 | 411.2 | NA | NA | NA | NA | NA | NA |

September

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/1/2018 | 17.0 | 1.38 | 15.2 | 19.3 | 17.0 | 13.0 | NA | NA | NA | NA | NA | NA |
| 9/2/2018 | 18.1 | 1.26 | 16.0 | 19.4 | 35.1 | 27.1 | NA | NA | NA | NA | NA | NA |
| 9/3/2018 | 16.8 | 1.20 | 15.8 | 19.3 | 52.0 | 40.0 | NA | NA | NA | NA | NA | NA |
| 9/4/2018 | 16.4 | 1.29 | 15.1 | 18.7 | 68.4 | 52.4 | NA | NA | NA | NA | NA | NA |
| 9/5/2018 | 15.8 | 1.04 | 14.8 | 18.1 | 84.2 | 64.2 | NA | NA | NA | NA | NA | NA |
| 9/6/2018 | 17.3 | 1.13 | 15.4 | 18.4 | 101.5 | 77.5 | NA | NA | NA | NA | NA | NA |
| 9/7/2018 | 16.4 | 0.72 | 15.6 | 17.5 | 117.9 | 89.9 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/8/2018 | 16.9 | 0.88 | 15.2 | 17.9 | 134.8 | 102.8 | NA | NA | NA | NA | NA | NA |
| 9/9/2018 | 16.3 | 0.63 | 15.4 | 17.1 | 151.1 | 115.1 | NA | NA | NA | NA | NA | NA |
| 9/10/2018 | 16.6 | 0.78 | 15.3 | 18.0 | 167.7 | 127.7 | NA | NA | NA | NA | NA | NA |
| 9/11/2018 | 17.1 | 0.27 | 16.3 | 17.3 | 184.8 | 140.8 | NA | NA | NA | NA | NA | NA |
| 9/12/2018 | 17.4 | 0.15 | 17.2 | 17.6 | 202.2 | 154.2 | NA | NA | NA | NA | NA | NA |
| 9/13/2018 | 17.7 | 0.14 | 17.4 | 17.9 | 219.9 | 167.9 | NA | NA | NA | NA | NA | NA |
| 9/14/2018 | 17.8 | 0.20 | 17.6 | 18.3 | 237.7 | 181.7 | NA | NA | NA | NA | NA | NA |
| 9/15/2018 | 18.0 | 0.26 | 17.4 | 18.3 | 255.6 | 195.6 | NA | NA | NA | NA | NA | NA |
| 9/16/2018 | 16.8 | 0.73 | 16.0 | 18.3 | 272.4 | 208.4 | NA | NA | NA | NA | NA | NA |
| 9/17/2018 | 16.6 | 0.61 | 15.8 | 17.6 | 289.1 | 221.1 | NA | NA | NA | NA | NA | NA |
| 9/18/2018 | 16.8 | 1.05 | 15.2 | 18.0 | 305.9 | 233.9 | NA | NA | NA | NA | NA | NA |
| 9/19/2018 | 16.3 | 0.49 | 15.6 | 16.9 | 322.2 | 246.2 | NA | NA | NA | NA | NA | NA |
| 9/20/2018 | 16.6 | 0.19 | 16.3 | 17.0 | 338.8 | 258.8 | NA | NA | NA | NA | NA | NA |
| 9/21/2018 | 16.4 | 0.29 | 16.2 | 17.2 | 355.2 | 271.2 | NA | NA | NA | NA | NA | NA |
| 9/22/2018 | 17.1 | 0.37 | 16.3 | 17.4 | 372.4 | 284.4 | NA | NA | NA | NA | NA | NA |
| 9/23/2018 | 16.5 | 0.18 | 16.3 | 16.8 | 388.9 | 296.9 | NA | NA | NA | NA | NA | NA |
| 9/24/2018 | 15.9 | 0.20 | 15.7 | 16.3 | 404.8 | 308.8 | NA | NA | NA | NA | NA | NA |
| 9/25/2018 | 15.9 | 0.21 | 15.6 | 16.3 | 420.8 | 320.8 | NA | NA | NA | NA | NA | NA |
| 9/26/2018 | 16.1 | 0.06 | 16.1 | 16.3 | 436.9 | 332.9 | NA | NA | NA | NA | NA | NA |
| 9/27/2018 | 16.4 | 0.04 | 16.3 | 16.4 | 453.3 | 345.3 | NA | NA | NA | NA | NA | NA |
| 9/28/2018 | 16.1 | 0.14 | 15.8 | 16.3 | 469.3 | 357.3 | NA | NA | NA | NA | NA | NA |
| 9/29/2018 | 15.8 | 0.16 | 15.5 | 15.9 | 485.1 | 369.1 | NA | NA | NA | NA | NA | NA |
| 9/30/2018 | 15.8 | 0.13 | 15.5 | 15.9 | 500.9 | 380.9 | NA | NA | NA | NA | NA | NA |

October

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/1/2018 | 15.8 | 0.10 | 15.5 | 15.9 | 15.8 | 11.8 | NA | NA | NA | NA | NA | NA |
| 10/2/2018 | 15.7 | 0.08 | 15.6 | 15.8 | 31.4 | 23.4 | NA | NA | NA | NA | NA | NA |
| 10/3/2018 | 15.3 | 0.18 | 15.1 | 15.6 | 46.7 | 34.7 | NA | NA | NA | NA | NA | NA |
| 10/4/2018 | 15.2 | 0.14 | 15.1 | 15.5 | 62.0 | 46.0 | NA | NA | NA | NA | NA | NA |
| 10/5/2018 | 15.2 | 0.13 | 15.0 | 15.5 | 77.2 | 57.2 | NA | NA | NA | NA | NA | NA |
| 10/6/2018 | 15.0 | 0.12 | 14.8 | 15.2 | 92.2 | 68.2 | NA | NA | NA | NA | NA | NA |
| 10/7/2018 | 14.8 | 0.17 | 14.5 | 15.1 | 107.0 | 79.0 | NA | NA | NA | NA | NA | NA |
| 10/8/2018 | 14.6 | 0.17 | 14.2 | 14.7 | 121.6 | 89.6 | NA | NA | NA | NA | NA | NA |
| 10/9/2018 | 14.5 | 0.07 | 14.4 | 14.7 | 136.1 | 100.1 | NA | NA | NA | NA | NA | NA |
| 10/10/2018 | 14.5 | 0.13 | 14.3 | 14.6 | 150.6 | 110.6 | NA | NA | NA | NA | NA | NA |
| 10/11/2018 | 14.2 | 0.16 | 13.9 | 14.4 | 164.8 | 120.8 | NA | NA | NA | NA | NA | NA |
| 10/12/2018 | 13.8 | 0.07 | 13.7 | 14.0 | 178.7 | 130.7 | NA | NA | NA | NA | NA | NA |
| 10/13/2018 | 13.3 | 0.29 | 12.8 | 13.7 | 192.0 | 140.0 | NA | NA | NA | NA | NA | NA |
| 10/14/2018 | 12.4 | 0.28 | 12.0 | 12.8 | 204.4 | 148.4 | NA | NA | NA | NA | NA | NA |
| 10/15/2018 | 12.5 | 0.24 | 12.0 | 12.8 | 216.9 | 156.9 | NA | NA | NA | NA | NA | NA |
| 10/16/2018 | 12.6 | 0.25 | 12.1 | 12.9 | 229.6 | 165.6 | NA | NA | NA | NA | NA | NA |
| 10/17/2018 | 11.7 | 0.32 | 11.1 | 12.1 | 241.3 | 173.3 | NA | NA | NA | NA | NA | NA |
| 10/18/2018 | 11.4 | 0.87 | 10.1 | 12.4 | 252.6 | 180.6 | NA | NA | NA | NA | NA | NA |
| 10/19/2018 | 10.3 | 0.26 | 9.7 | 10.5 | 262.9 | 186.9 | NA | NA | NA | NA | NA | NA |
| 10/20/2018 | 10.9 | 0.33 | 10.4 | 11.3 | 273.8 | 193.8 | NA | NA | NA | NA | NA | NA |
| 10/21/2018 | 11.1 | 0.11 | 10.9 | 11.3 | 284.9 | 200.9 | NA | NA | NA | NA | NA | NA |
| 10/22/2018 | 10.3 | 0.64 | 9.1 | 11.0 | 295.2 | 207.2 | NA | NA | NA | NA | NA | NA |
| 10/23/2018 | 9.3 | 0.36 | 8.7 | 9.9 | 304.5 | 212.5 | NA | NA | NA | NA | NA | NA |
| 10/24/2018 | 9.6 | 0.27 | 9.2 | 10.0 | 314.1 | 218.1 | NA | NA | NA | NA | NA | NA |
| 10/25/2018 | 8.5 | 0.80 | 7.7 | 9.8 | 322.6 | 222.6 | NA | NA | NA | NA | NA | NA |
| 10/26/2018 | 7.8 | 0.56 | 6.9 | 8.4 | 330.4 | 226.4 | NA | NA | NA | NA | NA | NA |
| 10/27/2018 | 7.3 | 0.58 | 6.5 | 8.1 | 337.7 | 229.7 | NA | NA | NA | NA | NA | NA |
| 10/28/2018 | 7.9 | 0.23 | 7.5 | 8.2 | 345.7 | 233.7 | NA | NA | NA | NA | NA | NA |
| 10/29/2018 | 8.2 | 0.17 | 7.8 | 8.4 | 353.9 | 237.9 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/30/2018 | 8.3 | 0.13 | 8.0 | 8.4 | 362.2 | 242.2 | NA | NA | NA | NA | NA | NA |
| 10/31/2018 | 7.9 | 0.25 | 7.6 | 8.3 | 370.1 | 246.1 | NA | NA | NA | NA | NA | NA |

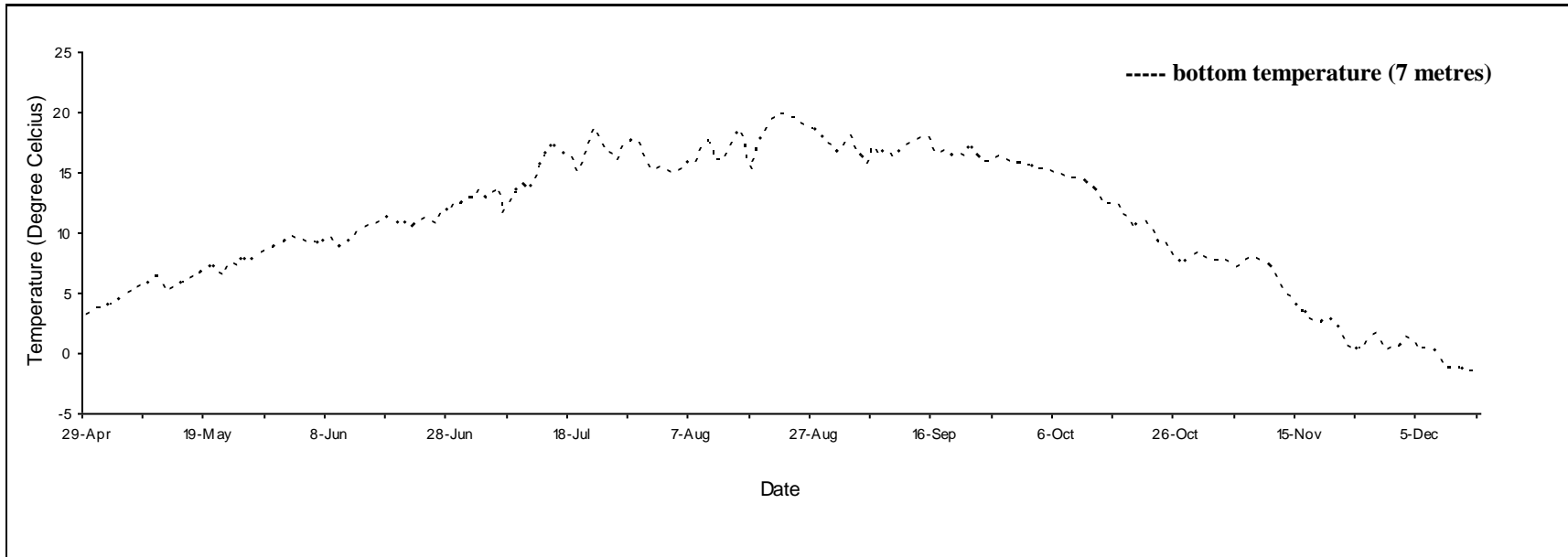
November

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 11/1/2018 | 7.7 | 0.10 | 7.6 | 7.8 | 7.7 | 3.7 | NA | NA | NA | NA | NA | NA |
| 11/2/2018 | 7.8 | 0.10 | 7.6 | 7.9 | 15.4 | 7.4 | NA | NA | NA | NA | NA | NA |
| 11/3/2018 | 7.7 | 0.17 | 7.4 | 8.0 | 23.1 | 11.1 | NA | NA | NA | NA | NA | NA |
| 11/4/2018 | 7.5 | 0.36 | 7.0 | 8.0 | 30.6 | 14.6 | NA | NA | NA | NA | NA | NA |
| 11/5/2018 | 7.1 | 0.15 | 6.9 | 7.4 | 37.7 | 17.7 | NA | NA | NA | NA | NA | NA |
| 11/6/2018 | 7.5 | 0.12 | 7.3 | 7.7 | 45.2 | 21.2 | NA | NA | NA | NA | NA | NA |
| 11/7/2018 | 7.9 | 0.13 | 7.7 | 8.1 | 53.1 | 25.1 | NA | NA | NA | NA | NA | NA |
| 11/8/2018 | 7.9 | 0.09 | 7.8 | 8.1 | 61.0 | 29.0 | NA | NA | NA | NA | NA | NA |
| 11/9/2018 | 7.7 | 0.09 | 7.6 | 7.9 | 68.7 | 32.7 | NA | NA | NA | NA | NA | NA |
| 11/10/2018 | 7.4 | 0.08 | 7.3 | 7.6 | 76.1 | 36.1 | NA | NA | NA | NA | NA | NA |
| 11/11/2018 | 6.9 | 0.24 | 6.6 | 7.3 | 83.1 | 39.1 | NA | NA | NA | NA | NA | NA |
| 11/12/2018 | 5.8 | 0.29 | 5.3 | 6.3 | 88.8 | 40.8 | NA | NA | NA | NA | NA | NA |
| 11/13/2018 | 5.1 | 0.13 | 4.8 | 5.2 | 93.9 | 41.9 | NA | NA | NA | NA | NA | NA |
| 11/14/2018 | 4.8 | 0.62 | 3.9 | 5.6 | 98.6 | 42.6 | NA | NA | NA | NA | NA | NA |
| 11/15/2018 | 3.7 | 0.25 | 3.3 | 4.1 | 102.3 | 42.6 | NA | NA | NA | NA | NA | NA |
| 11/16/2018 | 3.5 | 0.29 | 3.1 | 3.9 | 105.8 | 42.6 | NA | NA | NA | NA | NA | NA |
| 11/17/2018 | 2.9 | 0.37 | 2.5 | 3.4 | 108.7 | 42.6 | NA | NA | NA | NA | NA | NA |
| 11/18/2018 | 2.8 | 0.13 | 2.7 | 3.1 | 111.5 | 42.6 | NA | NA | NA | NA | NA | NA |
| 11/19/2018 | 2.6 | 0.16 | 2.5 | 3.0 | 114.2 | 42.6 | NA | NA | NA | NA | NA | NA |
| 11/20/2018 | 3.0 | 0.18 | 2.7 | 3.2 | 117.2 | 42.6 | NA | NA | NA | NA | NA | NA |
| 11/21/2018 | 2.6 | 0.22 | 2.3 | 3.0 | 119.8 | 42.6 | NA | NA | NA | NA | NA | NA |
| 11/22/2018 | 2.0 | 0.38 | 1.5 | 2.7 | 121.8 | 42.6 | NA | NA | NA | NA | NA | NA |
| 11/23/2018 | 0.9 | 0.48 | -0.3 | 1.4 | 122.7 | 42.6 | NA | NA | NA | NA | NA | NA |
| 11/24/2018 | 0.2 | 0.38 | -0.4 | 0.8 | 122.9 | 42.6 | NA | NA | NA | NA | NA | NA |
| 11/25/2018 | 0.4 | 0.38 | -0.2 | 1.0 | 123.3 | 42.6 | NA | NA | NA | NA | NA | NA |
| 11/26/2018 | 0.4 | 0.37 | -0.1 | 1.0 | 123.8 | 42.6 | NA | NA | NA | NA | NA | NA |
| 11/27/2018 | 1.2 | 0.54 | 0.2 | 1.7 | 124.9 | 42.6 | NA | NA | NA | NA | NA | NA |
| 11/28/2018 | 1.7 | 0.13 | 1.4 | 1.9 | 126.6 | 42.6 | NA | NA | NA | NA | NA | NA |
| 11/29/2018 | 0.8 | 0.48 | 0.1 | 1.4 | 127.4 | 42.6 | NA | NA | NA | NA | NA | NA |
| 11/30/2018 | 0.3 | 0.15 | 0.0 | 0.4 | 127.6 | 42.6 | NA | NA | NA | NA | NA | NA |

December

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 12/1/2018 | 0.5 | 0.16 | 0.4 | 0.8 | 0.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/2/2018 | 0.7 | 0.28 | 0.4 | 1.4 | 1.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/3/2018 | 1.4 | 0.07 | 1.3 | 1.6 | 2.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/4/2018 | 1.2 | 0.33 | 0.6 | 1.6 | 3.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/5/2018 | 0.3 | 0.25 | 0.1 | 0.9 | 4.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/6/2018 | 0.5 | 0.23 | 0.2 | 0.9 | 4.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/7/2018 | 0.4 | 0.25 | 0.0 | 0.8 | 5.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/8/2018 | 0.0 | 0.40 | -0.5 | 0.6 | 5.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/9/2018 | -0.8 | 0.24 | -1.2 | -0.4 | 5.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/10/2018 | -1.1 | 0.17 | -1.5 | -0.9 | 5.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/11/2018 | -1.4 | 0.19 | -1.6 | -1.0 | 5.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/12/2018 | -1.2 | 0.35 | -1.6 | -0.7 | 5.1 | 0.0 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 12/13/2018 | -1.6 | 0.02 | -1.6 | -1.5 | 5.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/14/2018 | -1.5 | 0.07 | -1.6 | -1.3 | 5.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/15/2018 | -1.1 | 0.13 | -1.3 | -0.9 | 5.1 | 0.0 | NA | NA | NA | NA | NA | NA |



Daily mean temperature for North Tracadie, N.B., 2018.

North Tracadie, P.E.I.

2018

April

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 4/28/2018 | 1.1 | 0.16 | 0.9 | 1.5 | 1.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/29/2018 | 1.3 | 0.42 | 1.0 | 2.2 | 2.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/30/2018 | 1.3 | 0.37 | 0.9 | 1.9 | 3.7 | 0.0 | NA | NA | NA | NA | NA | NA |

May

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 5/1/2018 | 1.1 | 0.22 | 0.8 | 1.5 | 1.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/2/2018 | 1.7 | 0.23 | 1.4 | 2.0 | 2.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/3/2018 | 2.6 | 0.57 | 1.8 | 3.3 | 5.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/4/2018 | 2.2 | 0.17 | 2.0 | 2.5 | 7.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/5/2018 | 2.3 | 0.50 | 1.6 | 3.2 | 9.9 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/6/2018 | 3.5 | 0.13 | 3.3 | 3.7 | 13.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/7/2018 | 3.5 | 0.26 | 3.2 | 4.0 | 16.9 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/8/2018 | 3.2 | 0.34 | 2.9 | 3.9 | 20.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/9/2018 | 4.2 | 0.10 | 4.0 | 4.3 | 24.3 | 0.2 | NA | NA | NA | NA | NA | NA |
| 5/10/2018 | 3.3 | 0.36 | 2.9 | 3.9 | 27.6 | 0.2 | NA | NA | NA | NA | NA | NA |
| 5/11/2018 | 3.6 | 0.54 | 2.8 | 4.2 | 31.1 | 0.2 | NA | NA | NA | NA | NA | NA |
| 5/12/2018 | 4.5 | 0.21 | 4.2 | 4.8 | 35.6 | 0.6 | NA | NA | NA | NA | NA | NA |
| 5/13/2018 | 4.7 | 0.10 | 4.5 | 4.8 | 40.2 | 1.3 | NA | NA | NA | NA | NA | NA |
| 5/14/2018 | 4.8 | 0.28 | 4.5 | 5.4 | 45.0 | 2.0 | NA | NA | NA | NA | NA | NA |
| 5/15/2018 | 5.3 | 0.12 | 5.1 | 5.5 | 50.3 | 3.3 | NA | NA | NA | NA | NA | NA |
| 5/16/2018 | 5.7 | 0.25 | 5.3 | 6.1 | 55.9 | 5.0 | NA | NA | NA | NA | NA | NA |
| 5/17/2018 | 5.3 | 0.33 | 4.7 | 5.7 | 61.2 | 6.3 | NA | NA | NA | NA | NA | NA |
| 5/18/2018 | 5.7 | 0.27 | 5.3 | 6.0 | 66.9 | 7.9 | NA | NA | NA | NA | NA | NA |
| 5/19/2018 | 6.1 | 0.30 | 5.8 | 6.5 | 73.0 | 10.1 | NA | NA | NA | NA | NA | NA |
| 5/20/2018 | 6.3 | 0.35 | 5.9 | 6.8 | 79.3 | 12.3 | NA | NA | NA | NA | NA | NA |
| 5/21/2018 | 6.8 | 0.11 | 6.6 | 7.0 | 86.1 | 15.1 | NA | NA | NA | NA | NA | NA |
| 5/22/2018 | 7.3 | 0.09 | 7.1 | 7.4 | 93.3 | 18.4 | NA | NA | NA | NA | NA | NA |
| 5/23/2018 | 7.6 | 0.25 | 7.3 | 8.0 | 100.9 | 22.0 | NA | NA | NA | NA | NA | NA |
| 5/24/2018 | 7.9 | 0.24 | 7.6 | 8.3 | 108.8 | 25.9 | NA | NA | NA | NA | NA | NA |
| 5/25/2018 | 7.6 | 0.10 | 7.6 | 7.8 | 116.5 | 29.5 | NA | NA | NA | NA | NA | NA |
| 5/26/2018 | 7.5 | 0.11 | 7.3 | 7.6 | 123.9 | 33.0 | NA | NA | NA | NA | NA | NA |
| 5/27/2018 | 7.4 | 0.10 | 7.3 | 7.6 | 131.3 | 36.4 | NA | NA | NA | NA | NA | NA |
| 5/28/2018 | 7.2 | 0.19 | 6.7 | 7.4 | 138.5 | 39.5 | NA | NA | NA | NA | NA | NA |
| 5/29/2018 | 7.1 | 0.99 | 6.3 | 8.9 | 145.6 | 42.6 | NA | NA | NA | NA | NA | NA |
| 5/30/2018 | 8.9 | 0.05 | 8.8 | 9.0 | 154.5 | 47.5 | NA | NA | NA | NA | NA | NA |
| 5/31/2018 | 8.8 | 0.10 | 8.7 | 9.0 | 163.3 | 52.3 | NA | NA | NA | NA | NA | NA |

June

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/1/2018 | 8.0 | 0.88 | 6.6 | 9.3 | 8.0 | 4.0 | NA | NA | NA | NA | NA | NA |
| 6/2/2018 | 8.4 | 1.60 | 6.8 | 10.5 | 16.4 | 8.4 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/3/2018 | 10.2 | 0.17 | 9.7 | 10.4 | 26.6 | 14.6 | NA | NA | NA | NA | NA | NA |
| 6/4/2018 | 9.0 | 0.09 | 9.0 | 9.3 | 35.7 | 19.7 | NA | NA | NA | NA | NA | NA |
| 6/5/2018 | 8.6 | 0.17 | 8.4 | 8.9 | 44.3 | 24.3 | NA | NA | NA | NA | NA | NA |
| 6/6/2018 | 7.9 | 0.50 | 6.8 | 8.4 | 52.1 | 28.1 | NA | NA | NA | NA | NA | NA |
| 6/7/2018 | 6.7 | 0.11 | 6.5 | 6.9 | 58.9 | 30.9 | NA | NA | NA | NA | NA | NA |
| 6/8/2018 | 6.9 | 0.12 | 6.7 | 7.1 | 65.7 | 33.7 | NA | NA | NA | NA | NA | NA |
| 6/9/2018 | 7.2 | 0.33 | 6.8 | 7.9 | 72.9 | 36.9 | NA | NA | NA | NA | NA | NA |
| 6/10/2018 | 8.1 | 0.32 | 7.5 | 8.5 | 81.0 | 41.0 | NA | NA | NA | NA | NA | NA |
| 6/11/2018 | 8.8 | 0.67 | 8.3 | 9.8 | 89.8 | 45.8 | NA | NA | NA | NA | NA | NA |
| 6/12/2018 | 8.4 | 0.42 | 7.7 | 8.8 | 98.2 | 50.2 | NA | NA | NA | NA | NA | NA |
| 6/13/2018 | 9.2 | 0.28 | 8.7 | 9.5 | 107.4 | 55.4 | NA | NA | NA | NA | NA | NA |
| 6/14/2018 | 8.7 | 0.64 | 7.7 | 9.3 | 116.1 | 60.1 | NA | NA | NA | NA | NA | NA |
| 6/15/2018 | 7.3 | 0.20 | 7.0 | 7.6 | 123.4 | 63.4 | NA | NA | NA | NA | NA | NA |
| 6/16/2018 | 7.4 | 0.56 | 6.9 | 8.4 | 130.9 | 66.9 | NA | NA | NA | NA | NA | NA |
| 6/17/2018 | 9.5 | 0.23 | 9.0 | 9.8 | 140.4 | 72.4 | NA | NA | NA | NA | NA | NA |
| 6/18/2018 | 7.9 | 0.87 | 7.1 | 9.2 | 148.3 | 76.3 | NA | NA | NA | NA | NA | NA |
| 6/19/2018 | 9.7 | 0.84 | 7.5 | 10.4 | 158.0 | 82.0 | NA | NA | NA | NA | NA | NA |
| 6/20/2018 | 10.4 | 0.11 | 10.3 | 10.6 | 168.5 | 88.5 | NA | NA | NA | NA | NA | NA |
| 6/21/2018 | 11.1 | 0.22 | 10.7 | 11.4 | 179.6 | 95.6 | NA | NA | NA | NA | NA | NA |
| 6/22/2018 | 11.2 | 0.02 | 11.1 | 11.2 | 190.8 | 102.8 | NA | NA | NA | NA | NA | NA |
| 6/23/2018 | 11.3 | 0.43 | 10.7 | 12.0 | 202.1 | 110.1 | NA | NA | NA | NA | NA | NA |
| 6/24/2018 | 12.1 | 0.75 | 10.9 | 12.6 | 214.2 | 118.2 | NA | NA | NA | NA | NA | NA |
| 6/25/2018 | 12.1 | 0.36 | 11.1 | 12.4 | 226.3 | 126.3 | NA | NA | NA | NA | NA | NA |
| 6/26/2018 | 12.3 | 0.27 | 12.1 | 12.7 | 238.6 | 134.6 | NA | NA | NA | NA | NA | NA |
| 6/27/2018 | 12.6 | 0.23 | 12.3 | 13.0 | 251.3 | 143.3 | NA | NA | NA | NA | NA | NA |
| 6/28/2018 | 12.5 | 0.11 | 12.4 | 12.7 | 263.8 | 151.8 | NA | NA | NA | NA | NA | NA |
| 6/29/2018 | 10.5 | 1.38 | 9.2 | 12.6 | 274.3 | 158.3 | NA | NA | NA | NA | NA | NA |
| 6/30/2018 | 9.5 | 0.32 | 9.0 | 10.1 | 283.8 | 163.8 | NA | NA | NA | NA | NA | NA |

July

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/1/2018 | 9.8 | 0.40 | 9.4 | 10.8 | 9.8 | 5.8 | NA | NA | NA | NA | NA | NA |
| 7/2/2018 | 10.2 | 0.50 | 9.6 | 11.1 | 20.0 | 12.0 | NA | NA | NA | NA | NA | NA |
| 7/3/2018 | 10.2 | 0.14 | 10.0 | 10.5 | 30.2 | 18.2 | NA | NA | NA | NA | NA | NA |
| 7/4/2018 | 10.2 | 0.36 | 9.8 | 11.0 | 40.4 | 24.4 | NA | NA | NA | NA | NA | NA |
| 7/5/2018 | 10.8 | 0.20 | 10.4 | 11.1 | 51.2 | 31.2 | NA | NA | NA | NA | NA | NA |
| 7/6/2018 | 10.7 | 0.39 | 10.3 | 11.3 | 61.9 | 37.9 | NA | NA | NA | NA | NA | NA |
| 7/7/2018 | 15.3 | 1.13 | 11.7 | 15.9 | 77.1 | 49.1 | NA | NA | NA | NA | NA | NA |
| 7/8/2018 | 15.5 | 0.09 | 15.4 | 15.7 | 92.7 | 60.7 | NA | NA | NA | NA | NA | NA |
| 7/9/2018 | 15.6 | 0.18 | 15.4 | 15.9 | 108.3 | 72.3 | NA | NA | NA | NA | NA | NA |
| 7/10/2018 | 15.9 | 0.16 | 15.7 | 16.2 | 124.2 | 84.2 | NA | NA | NA | NA | NA | NA |
| 7/11/2018 | 15.9 | 0.23 | 15.5 | 16.2 | 140.1 | 96.1 | NA | NA | NA | NA | NA | NA |
| 7/12/2018 | 14.9 | 0.47 | 13.7 | 15.3 | 155.0 | 107.0 | NA | NA | NA | NA | NA | NA |
| 7/13/2018 | 13.3 | 0.53 | 12.5 | 14.1 | 168.3 | 116.3 | NA | NA | NA | NA | NA | NA |
| 7/14/2018 | 12.2 | 0.39 | 11.5 | 12.7 | 180.4 | 124.4 | NA | NA | NA | NA | NA | NA |
| 7/15/2018 | 11.0 | 0.55 | 10.3 | 11.9 | 191.4 | 131.4 | NA | NA | NA | NA | NA | NA |
| 7/16/2018 | 11.1 | 0.50 | 10.6 | 11.8 | 202.5 | 138.5 | NA | NA | NA | NA | NA | NA |
| 7/17/2018 | 11.0 | 0.22 | 10.7 | 11.4 | 213.5 | 145.5 | NA | NA | NA | NA | NA | NA |
| 7/18/2018 | 10.5 | 0.37 | 9.9 | 10.9 | 224.0 | 152.0 | NA | NA | NA | NA | NA | NA |
| 7/19/2018 | 11.1 | 0.16 | 10.9 | 11.4 | 235.1 | 159.1 | NA | NA | NA | NA | NA | NA |
| 7/20/2018 | 10.9 | 0.60 | 9.2 | 11.4 | 246.1 | 166.1 | NA | NA | NA | NA | NA | NA |
| 7/21/2018 | 10.1 | 0.36 | 9.4 | 10.6 | 256.2 | 172.2 | NA | NA | NA | NA | NA | NA |
| 7/22/2018 | 10.5 | 0.58 | 9.2 | 11.0 | 266.7 | 178.7 | NA | NA | NA | NA | NA | NA |
| 7/23/2018 | 10.4 | 0.75 | 9.1 | 11.4 | 277.0 | 185.0 | NA | NA | NA | NA | NA | NA |
| 7/24/2018 | 12.0 | 0.37 | 11.3 | 12.4 | 289.0 | 193.0 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/25/2018 | 11.4 | 0.70 | 10.8 | 13.1 | 300.4 | 200.4 | NA | NA | NA | NA | NA | NA |
| 7/26/2018 | 9.8 | 0.92 | 8.6 | 11.1 | 310.2 | 206.2 | NA | NA | NA | NA | NA | NA |
| 7/27/2018 | 8.1 | 0.40 | 7.3 | 8.6 | 318.4 | 210.4 | NA | NA | NA | NA | NA | NA |
| 7/28/2018 | 8.4 | 0.23 | 8.0 | 8.8 | 326.7 | 214.7 | NA | NA | NA | NA | NA | NA |
| 7/29/2018 | 8.3 | 0.33 | 7.9 | 8.8 | 335.0 | 219.0 | NA | NA | NA | NA | NA | NA |
| 7/30/2018 | 8.9 | 0.61 | 8.0 | 9.7 | 343.9 | 223.9 | NA | NA | NA | NA | NA | NA |
| 7/31/2018 | 10.1 | 0.37 | 9.6 | 10.6 | 354.0 | 230.0 | NA | NA | NA | NA | NA | NA |

August

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/1/2018 | 10.6 | 0.33 | 10.1 | 11.0 | 10.6 | 6.6 | NA | NA | NA | NA | NA | NA |
| 8/2/2018 | 9.9 | 0.60 | 9.4 | 10.9 | 20.5 | 12.5 | NA | NA | NA | NA | NA | NA |
| 8/3/2018 | 9.5 | 0.37 | 9.1 | 10.3 | 30.0 | 18.0 | NA | NA | NA | NA | NA | NA |
| 8/4/2018 | 9.4 | 0.19 | 9.2 | 9.8 | 39.5 | 23.5 | NA | NA | NA | NA | NA | NA |
| 8/5/2018 | 9.0 | 0.81 | 7.7 | 10.1 | 48.5 | 28.5 | NA | NA | NA | NA | NA | NA |
| 8/6/2018 | 10.8 | 0.38 | 9.9 | 11.1 | 59.3 | 35.3 | NA | NA | NA | NA | NA | NA |
| 8/7/2018 | 10.3 | 0.22 | 10.0 | 10.7 | 69.5 | 41.5 | NA | NA | NA | NA | NA | NA |
| 8/8/2018 | 10.0 | 0.32 | 9.6 | 10.7 | 79.6 | 47.6 | NA | NA | NA | NA | NA | NA |
| 8/9/2018 | 7.9 | 1.24 | 6.4 | 9.5 | 87.4 | 51.4 | NA | NA | NA | NA | NA | NA |
| 8/10/2018 | 6.9 | 0.54 | 6.1 | 7.7 | 94.3 | 54.3 | NA | NA | NA | NA | NA | NA |
| 8/11/2018 | 11.1 | 2.59 | 7.8 | 16.0 | 105.4 | 61.4 | NA | NA | NA | NA | NA | NA |
| 8/12/2018 | 11.6 | 1.24 | 10.5 | 15.1 | 117.0 | 69.0 | NA | NA | NA | NA | NA | NA |
| 8/13/2018 | 11.6 | 0.61 | 10.8 | 12.9 | 128.5 | 76.5 | NA | NA | NA | NA | NA | NA |
| 8/14/2018 | 10.4 | 0.81 | 9.3 | 11.7 | 139.0 | 83.0 | NA | NA | NA | NA | NA | NA |
| 8/15/2018 | 9.4 | 0.35 | 9.0 | 10.1 | 148.4 | 88.4 | NA | NA | NA | NA | NA | NA |
| 8/16/2018 | 10.4 | 0.79 | 9.2 | 11.6 | 158.7 | 94.7 | NA | NA | NA | NA | NA | NA |
| 8/17/2018 | 11.6 | 0.51 | 10.9 | 12.2 | 170.3 | 102.3 | NA | NA | NA | NA | NA | NA |
| 8/18/2018 | 10.8 | 0.41 | 10.2 | 11.2 | 181.1 | 109.1 | NA | NA | NA | NA | NA | NA |
| 8/19/2018 | 8.9 | 1.18 | 7.3 | 10.3 | 190.0 | 114.0 | NA | NA | NA | NA | NA | NA |
| 8/20/2018 | 7.1 | 0.53 | 6.3 | 7.8 | 197.1 | 117.1 | NA | NA | NA | NA | NA | NA |
| 8/21/2018 | 8.3 | 0.77 | 7.4 | 9.3 | 205.4 | 121.4 | NA | NA | NA | NA | NA | NA |
| 8/22/2018 | 8.6 | 0.62 | 7.5 | 9.7 | 214.0 | 126.0 | NA | NA | NA | NA | NA | NA |
| 8/23/2018 | 7.2 | 0.59 | 6.3 | 7.9 | 221.2 | 129.2 | NA | NA | NA | NA | NA | NA |
| 8/24/2018 | 9.6 | 1.69 | 8.1 | 12.1 | 230.7 | 134.7 | NA | NA | NA | NA | NA | NA |
| 8/25/2018 | 13.1 | 1.73 | 11.7 | 16.0 | 243.8 | 143.8 | NA | NA | NA | NA | NA | NA |
| 8/26/2018 | 11.5 | 1.50 | 9.1 | 13.6 | 255.3 | 151.3 | NA | NA | NA | NA | NA | NA |
| 8/27/2018 | 9.8 | 0.43 | 9.3 | 10.7 | 265.1 | 157.1 | NA | NA | NA | NA | NA | NA |
| 8/28/2018 | 10.4 | 0.23 | 10.1 | 10.9 | 275.6 | 163.6 | NA | NA | NA | NA | NA | NA |
| 8/29/2018 | 14.3 | 4.09 | 10.4 | 20.8 | 289.9 | 173.9 | NA | NA | NA | NA | NA | NA |
| 8/30/2018 | 15.8 | 2.52 | 13.6 | 20.5 | 305.7 | 185.7 | NA | NA | NA | NA | NA | NA |
| 8/31/2018 | 18.0 | 1.68 | 15.2 | 20.3 | 323.7 | 199.7 | NA | NA | NA | NA | NA | NA |

September

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/1/2018 | 15.0 | 0.34 | 14.5 | 15.6 | 15.0 | 11.0 | NA | NA | NA | NA | NA | NA |
| 9/2/2018 | 12.0 | 1.05 | 10.9 | 14.8 | 27.0 | 19.0 | NA | NA | NA | NA | NA | NA |
| 9/3/2018 | 10.4 | 0.85 | 9.2 | 12.5 | 37.3 | 25.3 | NA | NA | NA | NA | NA | NA |
| 9/4/2018 | 10.8 | 1.00 | 9.7 | 13.0 | 48.1 | 32.1 | NA | NA | NA | NA | NA | NA |
| 9/5/2018 | 11.7 | 0.99 | 10.4 | 14.1 | 59.8 | 39.8 | NA | NA | NA | NA | NA | NA |
| 9/6/2018 | 13.2 | 4.75 | 8.7 | 20.0 | 72.9 | 48.9 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/7/2018 | 18.2 | 1.84 | 14.1 | 19.8 | 91.1 | 63.1 | NA | NA | NA | NA | NA | NA |
| 9/8/2018 | 17.8 | 1.54 | 15.6 | 19.5 | 108.9 | 76.9 | NA | NA | NA | NA | NA | NA |
| 9/9/2018 | 18.9 | 0.46 | 18.1 | 19.4 | 127.9 | 91.9 | NA | NA | NA | NA | NA | NA |
| 9/10/2018 | 18.5 | 0.43 | 17.7 | 19.2 | 146.4 | 106.4 | NA | NA | NA | NA | NA | NA |
| 9/11/2018 | 15.2 | 2.90 | 9.2 | 17.8 | 161.6 | 117.6 | NA | NA | NA | NA | NA | NA |
| 9/12/2018 | 9.7 | 1.46 | 8.2 | 12.4 | 171.3 | 123.3 | NA | NA | NA | NA | NA | NA |
| 9/13/2018 | 10.6 | 1.56 | 9.1 | 13.3 | 182.0 | 130.0 | NA | NA | NA | NA | NA | NA |
| 9/14/2018 | 11.4 | 0.30 | 10.7 | 11.8 | 193.4 | 137.4 | NA | NA | NA | NA | NA | NA |
| 9/15/2018 | 11.4 | 0.79 | 10.7 | 13.2 | 204.8 | 144.8 | NA | NA | NA | NA | NA | NA |
| 9/16/2018 | 13.5 | 1.07 | 12.1 | 14.9 | 218.3 | 154.3 | NA | NA | NA | NA | NA | NA |
| 9/17/2018 | 13.0 | 0.57 | 12.4 | 14.3 | 231.3 | 163.3 | NA | NA | NA | NA | NA | NA |
| 9/18/2018 | 17.6 | 1.63 | 14.0 | 18.6 | 248.8 | 176.8 | NA | NA | NA | NA | NA | NA |
| 9/19/2018 | 11.7 | 2.78 | 8.6 | 17.9 | 260.5 | 184.5 | NA | NA | NA | NA | NA | NA |
| 9/20/2018 | 7.8 | 0.49 | 7.2 | 8.7 | 268.3 | 188.3 | NA | NA | NA | NA | NA | NA |
| 9/21/2018 | 8.8 | 0.63 | 7.8 | 9.6 | 277.1 | 193.1 | NA | NA | NA | NA | NA | NA |
| 9/22/2018 | 10.1 | 2.99 | 6.2 | 13.6 | 287.2 | 199.2 | NA | NA | NA | NA | NA | NA |
| 9/23/2018 | 13.7 | 0.75 | 13.2 | 15.3 | 300.9 | 208.9 | NA | NA | NA | NA | NA | NA |
| 9/24/2018 | 15.2 | 0.11 | 15.1 | 15.4 | 316.1 | 220.1 | NA | NA | NA | NA | NA | NA |
| 9/25/2018 | 14.4 | 0.46 | 13.8 | 15.4 | 330.5 | 230.5 | NA | NA | NA | NA | NA | NA |
| 9/26/2018 | 11.7 | 2.16 | 8.4 | 13.8 | 342.2 | 238.2 | NA | NA | NA | NA | NA | NA |
| 9/27/2018 | 8.7 | 0.86 | 7.7 | 10.6 | 350.9 | 242.9 | NA | NA | NA | NA | NA | NA |
| 9/28/2018 | 8.3 | 0.86 | 7.4 | 9.9 | 359.2 | 247.2 | NA | NA | NA | NA | NA | NA |
| 9/29/2018 | 9.7 | 0.81 | 8.9 | 11.0 | 369.0 | 253.0 | NA | NA | NA | NA | NA | NA |
| 9/30/2018 | 12.8 | 0.93 | 11.1 | 13.7 | 381.8 | 261.8 | NA | NA | NA | NA | NA | NA |

October

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/1/2018 | 12.6 | 0.37 | 12.2 | 13.2 | 12.6 | 8.6 | NA | NA | NA | NA | NA | NA |
| 10/2/2018 | 13.7 | 0.50 | 12.7 | 14.2 | 26.3 | 18.3 | NA | NA | NA | NA | NA | NA |
| 10/3/2018 | 9.9 | 1.72 | 8.2 | 12.4 | 36.2 | 24.2 | NA | NA | NA | NA | NA | NA |
| 10/4/2018 | 8.6 | 0.25 | 8.2 | 8.8 | 44.8 | 28.8 | NA | NA | NA | NA | NA | NA |
| 10/5/2018 | 10.4 | 1.35 | 8.4 | 11.6 | 55.2 | 35.2 | NA | NA | NA | NA | NA | NA |
| 10/6/2018 | 12.3 | 0.37 | 11.5 | 12.6 | 67.5 | 43.5 | NA | NA | NA | NA | NA | NA |
| 10/7/2018 | 13.0 | 0.30 | 12.6 | 13.4 | 80.4 | 52.4 | NA | NA | NA | NA | NA | NA |
| 10/8/2018 | 12.9 | 0.20 | 12.7 | 13.2 | 93.3 | 61.3 | NA | NA | NA | NA | NA | NA |
| 10/9/2018 | 12.7 | 0.07 | 12.6 | 12.8 | 106.0 | 70.0 | NA | NA | NA | NA | NA | NA |
| 10/10/2018 | 12.7 | 0.06 | 12.5 | 12.8 | 118.7 | 78.7 | NA | NA | NA | NA | NA | NA |
| 10/11/2018 | 12.4 | 0.17 | 12.1 | 12.5 | 131.1 | 87.1 | NA | NA | NA | NA | NA | NA |
| 10/12/2018 | 11.0 | 0.59 | 10.3 | 12.0 | 142.0 | 94.0 | NA | NA | NA | NA | NA | NA |
| 10/13/2018 | 11.9 | 0.20 | 11.3 | 12.0 | 153.9 | 101.9 | NA | NA | NA | NA | NA | NA |
| 10/14/2018 | 11.4 | 0.15 | 11.2 | 11.6 | 165.3 | 109.3 | NA | NA | NA | NA | NA | NA |
| 10/15/2018 | 11.1 | 0.11 | 10.9 | 11.3 | 176.4 | 116.4 | NA | NA | NA | NA | NA | NA |
| 10/16/2018 | 11.1 | 0.16 | 10.8 | 11.2 | 187.4 | 123.4 | NA | NA | NA | NA | NA | NA |
| 10/17/2018 | 10.9 | 0.05 | 10.8 | 10.9 | 198.3 | 130.3 | NA | NA | NA | NA | NA | NA |
| 10/18/2018 | 10.6 | 0.16 | 10.4 | 10.9 | 209.0 | 137.0 | NA | NA | NA | NA | NA | NA |
| 10/19/2018 | 9.9 | 0.21 | 9.6 | 10.3 | 218.9 | 142.9 | NA | NA | NA | NA | NA | NA |
| 10/20/2018 | 9.9 | 0.03 | 9.8 | 9.9 | 228.7 | 148.7 | NA | NA | NA | NA | NA | NA |
| 10/21/2018 | 9.8 | 0.05 | 9.7 | 9.9 | 238.5 | 154.5 | NA | NA | NA | NA | NA | NA |
| 10/22/2018 | 9.6 | 0.24 | 9.1 | 9.9 | 248.0 | 160.0 | NA | NA | NA | NA | NA | NA |
| 10/23/2018 | 8.9 | 0.21 | 8.7 | 9.3 | 257.0 | 165.0 | NA | NA | NA | NA | NA | NA |
| 10/24/2018 | 9.0 | 0.16 | 8.7 | 9.1 | 265.9 | 169.9 | NA | NA | NA | NA | NA | NA |
| 10/25/2018 | 8.9 | 0.19 | 8.6 | 9.1 | 274.8 | 174.8 | NA | NA | NA | NA | NA | NA |
| 10/26/2018 | 8.4 | 0.09 | 8.2 | 8.5 | 283.2 | 179.2 | NA | NA | NA | NA | NA | NA |
| 10/27/2018 | 7.9 | 0.13 | 7.8 | 8.1 | 291.2 | 183.2 | NA | NA | NA | NA | NA | NA |
| 10/28/2018 | 8.0 | 0.07 | 7.8 | 8.1 | 299.2 | 187.2 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/29/2018 | 8.1 | 0.03 | 8.0 | 8.1 | 307.3 | 191.3 | NA | NA | NA | NA | NA | NA |
| 10/30/2018 | 8.1 | 0.03 | 8.0 | 8.1 | 315.3 | 195.3 | NA | NA | NA | NA | NA | NA |
| 10/31/2018 | 7.9 | 0.07 | 7.8 | 8.0 | 323.3 | 199.3 | NA | NA | NA | NA | NA | NA |

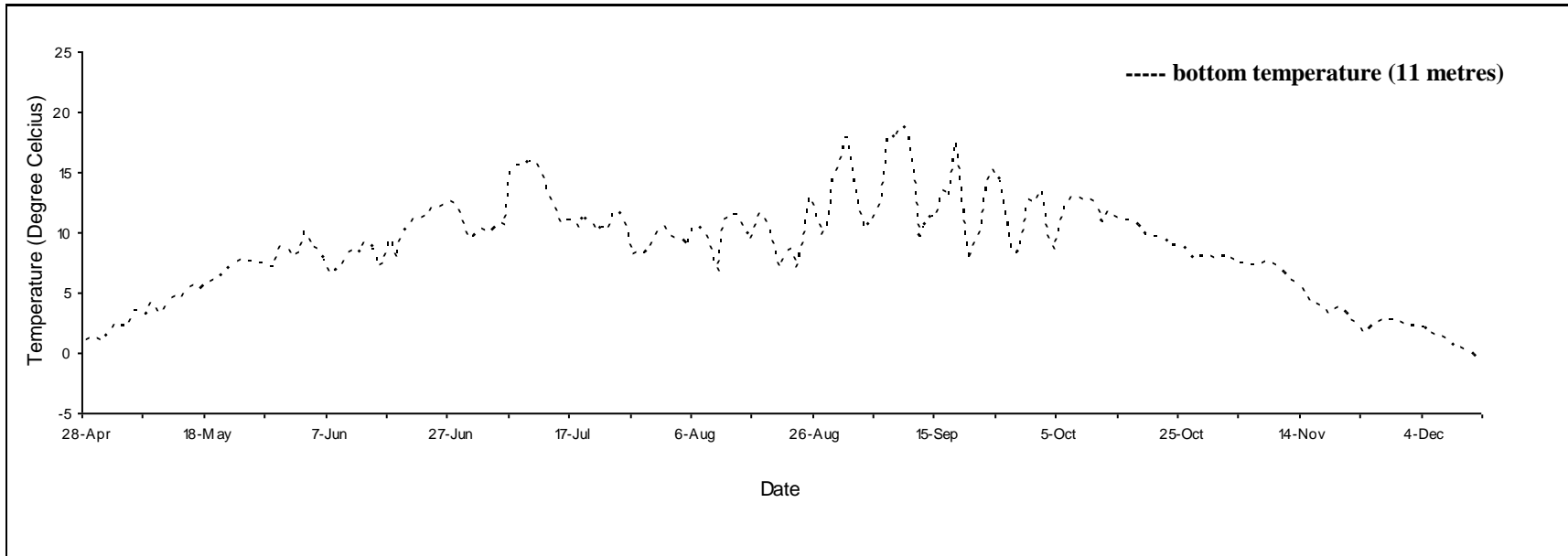
November

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 11/1/2018 | 8.0 | 0.13 | 7.9 | 8.2 | 8.0 | 4.0 | NA | NA | NA | NA | NA | NA |
| 11/2/2018 | 8.2 | 0.03 | 8.1 | 8.2 | 16.2 | 8.2 | NA | NA | NA | NA | NA | NA |
| 11/3/2018 | 7.4 | 0.31 | 7.1 | 8.1 | 23.6 | 11.6 | NA | NA | NA | NA | NA | NA |
| 11/4/2018 | 7.4 | 0.15 | 7.1 | 7.7 | 31.1 | 15.1 | NA | NA | NA | NA | NA | NA |
| 11/5/2018 | 7.3 | 0.08 | 7.2 | 7.4 | 38.3 | 18.3 | NA | NA | NA | NA | NA | NA |
| 11/6/2018 | 7.2 | 0.06 | 7.2 | 7.3 | 45.6 | 21.6 | NA | NA | NA | NA | NA | NA |
| 11/7/2018 | 7.3 | 0.15 | 7.1 | 7.5 | 52.9 | 24.9 | NA | NA | NA | NA | NA | NA |
| 11/8/2018 | 7.5 | 0.05 | 7.4 | 7.6 | 60.4 | 28.4 | NA | NA | NA | NA | NA | NA |
| 11/9/2018 | 7.4 | 0.12 | 7.2 | 7.5 | 67.7 | 31.7 | NA | NA | NA | NA | NA | NA |
| 11/10/2018 | 7.1 | 0.16 | 6.6 | 7.2 | 74.8 | 34.8 | NA | NA | NA | NA | NA | NA |
| 11/11/2018 | 6.7 | 0.11 | 6.4 | 6.8 | 81.5 | 37.5 | NA | NA | NA | NA | NA | NA |
| 11/12/2018 | 6.0 | 0.19 | 5.8 | 6.4 | 87.5 | 39.5 | NA | NA | NA | NA | NA | NA |
| 11/13/2018 | 5.7 | 0.04 | 5.7 | 5.8 | 93.2 | 41.2 | NA | NA | NA | NA | NA | NA |
| 11/14/2018 | 5.5 | 0.32 | 4.9 | 5.8 | 98.7 | 42.7 | NA | NA | NA | NA | NA | NA |
| 11/15/2018 | 4.4 | 0.31 | 3.7 | 4.8 | 103.1 | 43.1 | NA | NA | NA | NA | NA | NA |
| 11/16/2018 | 4.1 | 0.22 | 3.8 | 4.5 | 107.2 | 43.2 | NA | NA | NA | NA | NA | NA |
| 11/17/2018 | 3.9 | 0.11 | 3.7 | 4.1 | 111.1 | 43.2 | NA | NA | NA | NA | NA | NA |
| 11/18/2018 | 3.4 | 0.38 | 2.9 | 3.9 | 114.4 | 43.2 | NA | NA | NA | NA | NA | NA |
| 11/19/2018 | 3.5 | 0.13 | 3.3 | 3.6 | 117.9 | 43.2 | NA | NA | NA | NA | NA | NA |
| 11/20/2018 | 3.7 | 0.07 | 3.5 | 3.8 | 121.6 | 43.2 | NA | NA | NA | NA | NA | NA |
| 11/21/2018 | 3.3 | 0.17 | 3.0 | 3.8 | 124.9 | 43.2 | NA | NA | NA | NA | NA | NA |
| 11/22/2018 | 2.7 | 0.22 | 2.4 | 3.1 | 127.7 | 43.2 | NA | NA | NA | NA | NA | NA |
| 11/23/2018 | 2.4 | 0.20 | 2.1 | 2.8 | 130.1 | 43.2 | NA | NA | NA | NA | NA | NA |
| 11/24/2018 | 1.6 | 0.40 | 0.9 | 2.0 | 131.7 | 43.2 | NA | NA | NA | NA | NA | NA |
| 11/25/2018 | 2.0 | 0.43 | 0.8 | 2.3 | 133.7 | 43.2 | NA | NA | NA | NA | NA | NA |
| 11/26/2018 | 2.6 | 0.19 | 2.2 | 2.8 | 136.3 | 43.2 | NA | NA | NA | NA | NA | NA |
| 11/27/2018 | 2.7 | 0.03 | 2.7 | 2.8 | 139.1 | 43.2 | NA | NA | NA | NA | NA | NA |
| 11/28/2018 | 2.7 | 0.04 | 2.7 | 2.8 | 141.8 | 43.2 | NA | NA | NA | NA | NA | NA |
| 11/29/2018 | 2.7 | 0.04 | 2.6 | 2.8 | 144.5 | 43.2 | NA | NA | NA | NA | NA | NA |
| 11/30/2018 | 2.6 | 0.03 | 2.6 | 2.7 | 147.1 | 43.2 | NA | NA | NA | NA | NA | NA |

December

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 12/1/2018 | 2.4 | 0.19 | 2.2 | 2.7 | 2.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/2/2018 | 2.2 | 0.03 | 2.1 | 2.3 | 4.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/3/2018 | 2.2 | 0.03 | 2.1 | 2.2 | 6.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/4/2018 | 2.1 | 0.13 | 1.9 | 2.3 | 8.9 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/5/2018 | 1.7 | 0.06 | 1.6 | 1.8 | 10.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/6/2018 | 1.6 | 0.11 | 1.3 | 1.7 | 12.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/7/2018 | 1.3 | 0.06 | 1.2 | 1.4 | 13.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/8/2018 | 1.0 | 0.14 | 0.8 | 1.3 | 14.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/9/2018 | 0.5 | 0.16 | 0.2 | 0.8 | 15.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/10/2018 | 0.4 | 0.26 | 0.0 | 0.7 | 15.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/11/2018 | 0.1 | 0.09 | 0.0 | 0.3 | 15.6 | 0.0 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 12/12/2018 | -0.1 | 0.26 | -0.5 | 0.1 | 15.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/13/2018 | -0.7 | 0.27 | -1.1 | -0.3 | 15.6 | 0.0 | NA | NA | NA | NA | NA | NA |



Daily mean temperature for North Tracadie, P.E.I., 2018.

Pleasant Bay, N.S.

2018

May

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 5/1/2018 | 0.5 | 0.25 | 0.1 | 0.9 | 0.5 | 0.0 | 2.3 | 0.66 | 1.5 | 3.2 | 2.3 | 0.0 |
| 5/2/2018 | 0.4 | 0.16 | 0.3 | 0.8 | 1.0 | 0.0 | 3.8 | 0.51 | 3.0 | 4.5 | 6.2 | 0.0 |
| 5/3/2018 | 0.4 | 0.14 | 0.2 | 0.6 | 1.3 | 0.0 | 3.6 | 0.40 | 2.7 | 4.2 | 9.7 | 0.0 |
| 5/4/2018 | 0.5 | 0.17 | 0.3 | 0.8 | 1.9 | 0.0 | 3.5 | 0.60 | 2.5 | 4.3 | 13.2 | 0.0 |
| 5/5/2018 | 1.2 | 0.79 | 0.3 | 2.2 | 3.0 | 0.0 | 2.7 | 0.77 | 1.9 | 4.0 | 15.9 | 0.0 |
| 5/6/2018 | 1.5 | 0.55 | 0.6 | 2.2 | 4.6 | 0.0 | 3.0 | 0.27 | 2.3 | 3.3 | 18.9 | 0.0 |
| 5/7/2018 | 2.1 | 0.22 | 1.6 | 2.5 | 6.6 | 0.0 | 3.3 | 0.17 | 3.0 | 3.6 | 22.2 | 0.0 |
| 5/8/2018 | 2.2 | 0.45 | 1.8 | 3.2 | 8.8 | 0.0 | 3.2 | 0.47 | 2.5 | 3.8 | 25.4 | 0.0 |
| 5/9/2018 | 2.6 | 0.52 | 1.4 | 3.2 | 11.4 | 0.0 | 3.9 | 0.35 | 3.5 | 4.5 | 29.3 | 0.0 |
| 5/10/2018 | 2.1 | 0.31 | 1.6 | 2.8 | 13.6 | 0.0 | 3.6 | 0.53 | 3.1 | 4.6 | 33.0 | 0.0 |
| 5/11/2018 | 3.7 | 1.19 | 1.0 | 4.7 | 17.2 | 0.0 | 4.5 | 0.44 | 3.2 | 5.0 | 37.5 | 0.5 |
| 5/12/2018 | 2.9 | 0.28 | 2.4 | 3.3 | 20.1 | 0.0 | 4.2 | 0.26 | 3.9 | 4.7 | 41.7 | 0.7 |
| 5/13/2018 | 1.4 | 0.80 | 0.5 | 2.9 | 21.5 | 0.0 | 4.5 | 0.24 | 4.1 | 4.9 | 46.2 | 1.3 |
| 5/14/2018 | 1.9 | 0.53 | 1.0 | 2.9 | 23.4 | 0.0 | 4.4 | 0.42 | 3.7 | 4.9 | 50.6 | 1.6 |
| 5/15/2018 | 2.3 | 0.12 | 2.1 | 2.5 | 25.6 | 0.0 | 5.1 | 0.19 | 4.8 | 5.4 | 55.7 | 2.7 |
| 5/16/2018 | 2.5 | 0.43 | 1.7 | 3.2 | 28.2 | 0.0 | 5.4 | 0.41 | 4.8 | 6.4 | 61.1 | 4.2 |
| 5/17/2018 | 3.8 | 0.70 | 3.0 | 4.9 | 31.9 | 0.0 | 4.8 | 0.31 | 4.2 | 5.1 | 65.9 | 5.0 |
| 5/18/2018 | 3.1 | 0.30 | 2.7 | 3.6 | 35.1 | 0.0 | 5.4 | 0.29 | 5.0 | 5.9 | 71.3 | 6.4 |
| 5/19/2018 | 3.7 | 0.67 | 3.2 | 5.4 | 38.7 | 0.0 | 5.8 | 0.19 | 5.6 | 6.3 | 77.1 | 8.2 |
| 5/20/2018 | 3.6 | 0.52 | 2.9 | 4.5 | 42.3 | 0.0 | 5.1 | 0.41 | 4.7 | 5.7 | 82.2 | 9.2 |
| 5/21/2018 | 4.1 | 0.77 | 2.0 | 5.1 | 46.4 | 0.1 | 5.4 | 0.20 | 5.1 | 5.7 | 87.6 | 10.7 |
| 5/22/2018 | 3.8 | 0.51 | 3.2 | 5.0 | 50.2 | 0.1 | 5.7 | 0.25 | 5.4 | 6.2 | 93.4 | 12.4 |
| 5/23/2018 | 4.9 | 0.87 | 3.4 | 5.9 | 55.1 | 1.0 | 6.0 | 0.08 | 5.9 | 6.2 | 99.4 | 14.4 |
| 5/24/2018 | 3.3 | 0.34 | 2.8 | 4.1 | 58.4 | 1.0 | 5.5 | 0.70 | 4.2 | 6.3 | 104.8 | 15.9 |
| 5/25/2018 | 3.9 | 0.72 | 3.2 | 5.0 | 62.3 | 1.0 | 5.8 | 0.18 | 5.4 | 6.1 | 110.6 | 17.7 |
| 5/26/2018 | 3.6 | 0.50 | 3.2 | 5.1 | 66.0 | 1.0 | 5.6 | 0.13 | 5.4 | 5.8 | 116.2 | 19.2 |
| 5/27/2018 | 3.3 | 0.47 | 2.3 | 3.9 | 69.3 | 1.0 | 5.5 | 0.79 | 4.4 | 7.3 | 121.7 | 20.7 |
| 5/28/2018 | 3.9 | 0.18 | 3.6 | 4.1 | 73.2 | 1.0 | 6.3 | 0.86 | 5.3 | 7.5 | 128.0 | 23.0 |
| 5/29/2018 | 3.9 | 0.71 | 3.6 | 6.1 | 77.1 | 1.0 | 6.8 | 0.11 | 6.6 | 7.0 | 134.7 | 25.8 |
| 5/30/2018 | 4.0 | 0.60 | 3.4 | 5.4 | 81.1 | 1.0 | 6.6 | 0.45 | 5.4 | 7.1 | 141.3 | 28.4 |
| 5/31/2018 | 4.3 | 0.24 | 3.8 | 4.6 | 85.4 | 1.3 | 7.1 | 0.95 | 5.3 | 8.4 | 148.4 | 31.4 |

June

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/1/2018 | 4.5 | 0.23 | 4.2 | 4.9 | 4.5 | 0.5 | 7.5 | 0.71 | 7.1 | 9.5 | 7.5 | 3.5 |
| 6/2/2018 | 4.6 | 0.48 | 3.6 | 5.3 | 9.1 | 1.1 | 7.1 | 0.56 | 6.0 | 7.8 | 14.6 | 6.6 |
| 6/3/2018 | 3.4 | 1.11 | 1.9 | 4.9 | 12.5 | 1.1 | 5.2 | 0.98 | 3.8 | 7.2 | 19.9 | 7.9 |
| 6/4/2018 | 2.3 | 0.23 | 1.9 | 2.5 | 14.8 | 1.1 | 4.3 | 0.68 | 3.1 | 5.4 | 24.1 | 8.1 |
| 6/5/2018 | 2.1 | 0.14 | 1.9 | 2.4 | 16.9 | 1.1 | 4.9 | 0.35 | 4.2 | 5.5 | 29.0 | 9.0 |
| 6/6/2018 | 2.1 | 0.28 | 1.9 | 2.7 | 19.1 | 1.1 | 4.9 | 0.17 | 4.6 | 5.2 | 34.0 | 10.0 |
| 6/7/2018 | 2.6 | 0.16 | 2.4 | 3.0 | 21.7 | 1.1 | 5.4 | 0.92 | 4.2 | 7.2 | 39.4 | 11.4 |
| 6/8/2018 | 4.3 | 0.95 | 3.2 | 6.4 | 26.0 | 1.4 | 6.7 | 0.72 | 5.7 | 7.6 | 46.1 | 14.1 |
| 6/9/2018 | 7.2 | 0.17 | 6.7 | 7.3 | 33.2 | 4.6 | 7.5 | 0.14 | 7.2 | 7.7 | 53.6 | 17.6 |
| 6/10/2018 | 6.9 | 0.16 | 6.6 | 7.2 | 40.0 | 7.4 | 7.9 | 0.24 | 7.6 | 8.3 | 61.5 | 21.5 |
| 6/11/2018 | 6.3 | 0.60 | 5.1 | 7.0 | 46.4 | 9.8 | 8.4 | 0.29 | 8.0 | 9.0 | 69.9 | 25.9 |
| 6/12/2018 | 7.4 | 0.93 | 6.2 | 8.7 | 53.8 | 13.2 | 8.8 | 0.42 | 8.3 | 9.4 | 78.7 | 30.7 |
| 6/13/2018 | 8.6 | 0.60 | 7.3 | 9.2 | 62.4 | 17.8 | 9.2 | 0.21 | 8.9 | 9.7 | 87.8 | 35.8 |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/14/2018 | 6.7 | 1.56 | 4.6 | 9.1 | 69.1 | 20.5 | 9.1 | 0.19 | 8.8 | 9.3 | 97.0 | 41.0 |
| 6/15/2018 | 6.2 | 1.02 | 5.3 | 8.9 | 75.3 | 22.7 | 9.1 | 0.38 | 8.7 | 9.7 | 106.1 | 46.1 |
| 6/16/2018 | 6.7 | 1.23 | 4.9 | 9.5 | 82.0 | 25.4 | 9.8 | 0.16 | 9.6 | 10.1 | 115.9 | 51.9 |
| 6/17/2018 | 5.5 | 0.76 | 4.0 | 6.3 | 87.5 | 26.9 | 9.3 | 0.61 | 8.3 | 10.0 | 125.2 | 57.2 |
| 6/18/2018 | 6.1 | 1.64 | 4.7 | 9.0 | 93.6 | 29.0 | 8.9 | 0.41 | 8.4 | 9.6 | 134.1 | 62.1 |
| 6/19/2018 | 7.8 | 0.81 | 6.9 | 9.1 | 101.5 | 32.9 | 9.4 | 0.16 | 9.1 | 9.7 | 143.5 | 67.5 |
| 6/20/2018 | 8.9 | 0.47 | 8.4 | 9.6 | 110.4 | 37.8 | 9.7 | 0.43 | 9.3 | 10.5 | 153.3 | 73.3 |
| 6/21/2018 | 9.0 | 0.57 | 8.1 | 10.0 | 119.4 | 42.8 | 10.2 | 0.19 | 9.9 | 10.6 | 163.4 | 79.4 |
| 6/22/2018 | 9.2 | 0.61 | 8.5 | 10.1 | 128.6 | 48.0 | 10.1 | 0.45 | 9.4 | 10.8 | 173.6 | 85.6 |
| 6/23/2018 | 9.9 | 0.42 | 9.2 | 10.6 | 138.6 | 54.0 | 10.6 | 0.09 | 10.5 | 10.8 | 184.2 | 92.2 |
| 6/24/2018 | 10.5 | 0.33 | 9.4 | 10.7 | 149.0 | 60.4 | 11.2 | 0.28 | 10.9 | 11.6 | 195.3 | 99.3 |
| 6/25/2018 | 9.1 | 0.73 | 7.7 | 10.4 | 158.2 | 65.6 | 10.6 | 0.63 | 9.5 | 11.4 | 206.0 | 106.0 |
| 6/26/2018 | 3.5 | 1.41 | 2.5 | 6.4 | 161.7 | 65.6 | 7.8 | 0.78 | 6.7 | 9.0 | 213.7 | 109.7 |
| 6/27/2018 | 4.1 | 2.20 | 2.5 | 9.1 | 165.8 | 65.6 | 9.2 | 0.72 | 7.8 | 9.9 | 222.9 | 114.9 |
| 6/28/2018 | 6.8 | 1.50 | 3.3 | 8.4 | 172.6 | 68.5 | 9.4 | 0.29 | 9.0 | 9.9 | 232.4 | 120.4 |
| 6/29/2018 | 8.8 | 0.42 | 8.4 | 9.8 | 181.4 | 73.3 | 9.4 | 0.51 | 9.0 | 10.3 | 241.8 | 125.8 |
| 6/30/2018 | 9.4 | 0.44 | 8.9 | 10.0 | 190.8 | 78.7 | 10.5 | 0.29 | 10.1 | 11.1 | 252.3 | 132.3 |

July

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/1/2018 | 10.4 | 0.57 | 9.8 | 11.4 | 10.4 | 6.4 | 11.1 | 0.74 | 10.3 | 12.1 | 11.1 | 7.1 |
| 7/2/2018 | 11.1 | 0.10 | 11.0 | 11.3 | 21.5 | 13.5 | 12.1 | 0.27 | 11.5 | 12.6 | 23.2 | 15.2 |
| 7/3/2018 | 11.9 | 0.71 | 11.2 | 12.9 | 33.3 | 21.3 | 13.3 | 0.33 | 13.0 | 13.8 | 36.5 | 24.5 |
| 7/4/2018 | 12.1 | 0.91 | 10.9 | 13.4 | 45.5 | 29.5 | 13.8 | 0.52 | 13.1 | 14.7 | 50.3 | 34.3 |
| 7/5/2018 | 11.6 | 0.90 | 10.2 | 13.0 | 57.0 | 37.0 | 15.2 | 0.89 | 14.2 | 16.7 | 65.5 | 45.5 |
| 7/6/2018 | 13.1 | 1.79 | 10.9 | 15.1 | 70.1 | 46.1 | 15.2 | 0.12 | 14.9 | 15.3 | 80.6 | 56.6 |
| 7/7/2018 | 13.8 | 1.19 | 11.9 | 15.3 | 83.9 | 55.9 | 15.4 | 0.11 | 15.2 | 15.6 | 96.0 | 68.0 |
| 7/8/2018 | 13.2 | 1.03 | 11.6 | 14.8 | 97.2 | 65.2 | 15.2 | 0.20 | 14.9 | 15.5 | 111.2 | 79.2 |
| 7/9/2018 | 14.2 | 1.29 | 11.6 | 15.5 | 111.4 | 75.4 | 15.4 | 0.16 | 15.2 | 15.6 | 126.7 | 90.7 |
| 7/10/2018 | 15.2 | 0.35 | 14.7 | 15.8 | 126.6 | 86.6 | 15.9 | 0.19 | 15.6 | 16.1 | 142.5 | 102.5 |
| 7/11/2018 | 13.9 | 1.45 | 11.3 | 15.7 | 140.5 | 96.5 | 16.4 | 0.14 | 16.1 | 16.6 | 158.9 | 114.9 |
| 7/12/2018 | 10.4 | 0.50 | 9.7 | 11.3 | 150.9 | 102.9 | 15.8 | 0.41 | 15.3 | 16.3 | 174.7 | 126.7 |
| 7/13/2018 | 9.6 | 0.80 | 8.4 | 10.8 | 160.5 | 108.5 | 16.3 | 0.94 | 15.1 | 17.7 | 191.0 | 139.0 |
| 7/14/2018 | 8.7 | 0.83 | 7.2 | 9.8 | 169.2 | 113.2 | 17.1 | 0.64 | 16.3 | 18.0 | 208.1 | 152.1 |
| 7/15/2018 | 8.4 | 1.03 | 6.7 | 9.9 | 177.7 | 117.7 | 17.2 | 0.34 | 16.7 | 17.6 | 225.4 | 165.4 |
| 7/16/2018 | 8.9 | 0.88 | 7.6 | 10.1 | 186.5 | 122.5 | 17.9 | 0.57 | 17.3 | 18.8 | 243.3 | 179.3 |
| 7/17/2018 | 10.6 | 0.56 | 9.7 | 11.4 | 197.2 | 129.2 | 18.2 | 0.21 | 17.9 | 18.6 | 261.4 | 193.4 |
| 7/18/2018 | 14.9 | 3.14 | 10.6 | 18.3 | 212.1 | 140.1 | 18.2 | 0.08 | 18.1 | 18.3 | 279.7 | 207.7 |
| 7/19/2018 | 13.9 | 1.23 | 11.9 | 16.1 | 226.0 | 150.0 | 18.5 | 0.28 | 18.2 | 19.1 | 298.2 | 222.2 |
| 7/20/2018 | 13.5 | 0.56 | 12.7 | 14.2 | 239.5 | 159.5 | 18.7 | 0.28 | 18.4 | 19.2 | 316.8 | 236.8 |
| 7/21/2018 | 11.2 | 0.44 | 10.7 | 12.1 | 250.7 | 166.7 | 18.9 | 0.18 | 18.5 | 19.1 | 335.7 | 251.7 |
| 7/22/2018 | 11.6 | 2.44 | 9.5 | 17.9 | 262.3 | 174.3 | 18.7 | 0.25 | 18.3 | 19.0 | 354.4 | 266.4 |
| 7/23/2018 | 16.5 | 2.84 | 10.8 | 18.7 | 278.8 | 186.8 | 19.0 | 0.17 | 18.8 | 19.2 | 373.4 | 281.4 |
| 7/24/2018 | 17.5 | 2.73 | 11.6 | 19.4 | 296.3 | 200.3 | 19.4 | 0.34 | 19.0 | 20.0 | 392.8 | 296.8 |
| 7/25/2018 | 18.5 | 2.27 | 13.9 | 20.2 | 314.8 | 214.8 | 19.9 | 0.26 | 19.6 | 20.2 | 412.7 | 312.7 |
| 7/26/2018 | 20.2 | 0.40 | 19.2 | 20.6 | 335.0 | 231.0 | 20.5 | 0.23 | 20.2 | 20.7 | 433.2 | 329.2 |
| 7/27/2018 | 20.1 | 0.75 | 18.2 | 20.9 | 355.1 | 247.1 | 20.8 | 0.30 | 20.4 | 21.3 | 454.0 | 346.0 |
| 7/28/2018 | 20.4 | 0.25 | 19.9 | 20.8 | 375.4 | 263.4 | 21.2 | 0.20 | 21.0 | 21.5 | 475.2 | 363.2 |
| 7/29/2018 | 15.2 | 1.85 | 13.3 | 19.8 | 390.6 | 274.6 | 21.6 | 0.13 | 21.4 | 21.8 | 496.7 | 380.7 |
| 7/30/2018 | 15.3 | 2.29 | 9.9 | 18.2 | 405.9 | 285.9 | 21.8 | 0.17 | 21.5 | 22.0 | 518.5 | 398.5 |
| 7/31/2018 | 12.4 | 1.99 | 9.8 | 16.0 | 418.3 | 294.3 | 21.9 | 0.16 | 21.7 | 22.1 | 540.4 | 416.4 |

August

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/1/2018 | 12.2 | 3.44 | 8.9 | 21.6 | 12.2 | 8.2 | 22.2 | 0.17 | 21.9 | 22.4 | 22.2 | 18.2 |
| 8/2/2018 | 14.2 | 3.20 | 11.3 | 19.5 | 26.4 | 18.4 | 22.3 | 0.05 | 22.2 | 22.4 | 44.5 | 36.5 |
| 8/3/2018 | 15.7 | 3.80 | 10.3 | 21.5 | 42.1 | 30.1 | 22.4 | 0.13 | 22.3 | 22.6 | 66.9 | 54.9 |
| 8/4/2018 | 14.6 | 2.26 | 11.0 | 20.0 | 56.8 | 40.8 | 22.5 | 0.31 | 21.9 | 22.8 | 89.3 | 73.3 |
| 8/5/2018 | 12.7 | 0.55 | 11.7 | 13.6 | 69.4 | 49.4 | 22.8 | 0.10 | 22.6 | 22.9 | 112.1 | 92.1 |
| 8/6/2018 | 12.6 | 2.29 | 10.0 | 18.2 | 82.1 | 58.1 | 23.1 | 0.43 | 22.7 | 23.9 | 135.2 | 111.2 |
| 8/7/2018 | 11.2 | 1.16 | 9.3 | 13.9 | 93.3 | 65.3 | 23.0 | 0.22 | 22.8 | 23.4 | 158.2 | 130.2 |
| 8/8/2018 | 11.1 | 2.28 | 7.7 | 15.4 | 104.4 | 72.4 | 23.1 | 0.22 | 22.7 | 23.4 | 181.3 | 149.3 |
| 8/9/2018 | 11.5 | 3.32 | 7.6 | 17.0 | 116.0 | 80.0 | 22.5 | 0.16 | 22.3 | 22.8 | 203.8 | 167.8 |
| 8/10/2018 | 17.6 | 4.72 | 11.9 | 22.8 | 133.5 | 93.5 | 22.9 | 0.07 | 22.7 | 23.0 | 226.7 | 186.7 |
| 8/11/2018 | 20.6 | 3.80 | 11.9 | 22.6 | 154.1 | 110.1 | 22.7 | 0.06 | 22.6 | 22.8 | 249.4 | 205.4 |
| 8/12/2018 | 9.5 | 0.82 | 8.4 | 10.9 | 163.7 | 115.7 | 22.8 | 0.23 | 22.6 | 23.3 | 272.2 | 224.2 |
| 8/13/2018 | 9.6 | 1.40 | 8.0 | 12.2 | 173.3 | 121.3 | 23.1 | 0.08 | 23.0 | 23.2 | 295.3 | 243.3 |
| 8/14/2018 | 9.5 | 1.79 | 7.9 | 13.3 | 182.8 | 126.8 | 23.1 | 0.11 | 22.9 | 23.3 | 318.4 | 262.4 |
| 8/15/2018 | 10.4 | 2.08 | 8.1 | 14.1 | 193.2 | 133.2 | 23.2 | 0.03 | 23.1 | 23.3 | 341.6 | 281.6 |
| 8/16/2018 | 12.8 | 3.36 | 9.0 | 19.4 | 206.0 | 142.0 | 23.2 | 0.03 | 23.1 | 23.3 | 364.8 | 300.8 |
| 8/17/2018 | 9.6 | 1.48 | 6.2 | 11.2 | 215.6 | 147.6 | 23.0 | 0.16 | 22.6 | 23.1 | 387.8 | 319.8 |
| 8/18/2018 | 6.9 | 0.73 | 6.0 | 8.2 | 222.5 | 150.5 | 22.4 | 0.18 | 22.0 | 22.6 | 410.2 | 338.2 |
| 8/19/2018 | 6.2 | 0.79 | 5.3 | 7.8 | 228.7 | 152.7 | 21.2 | 0.96 | 19.5 | 22.0 | 431.4 | 355.4 |
| 8/20/2018 | 6.7 | 1.39 | 5.1 | 8.8 | 235.4 | 155.4 | 20.6 | 1.18 | 18.6 | 21.9 | 451.9 | 371.9 |
| 8/21/2018 | 7.4 | 0.89 | 5.9 | 8.9 | 242.8 | 158.8 | 20.2 | 0.48 | 19.4 | 21.0 | 472.1 | 388.1 |
| 8/22/2018 | 7.7 | 0.90 | 6.1 | 9.2 | 250.5 | 162.5 | 20.8 | 1.13 | 19.2 | 22.1 | 492.9 | 404.9 |
| 8/23/2018 | 12.8 | 4.67 | 6.3 | 21.1 | 263.3 | 171.3 | 21.5 | 0.43 | 20.7 | 21.9 | 514.4 | 422.4 |
| 8/24/2018 | 16.0 | 3.78 | 10.1 | 21.4 | 279.4 | 183.4 | 21.6 | 0.12 | 21.4 | 21.8 | 536.0 | 440.0 |
| 8/25/2018 | 12.0 | 3.40 | 8.5 | 21.1 | 291.4 | 191.4 | 21.7 | 0.07 | 21.5 | 21.8 | 557.6 | 457.6 |
| 8/26/2018 | 11.2 | 1.87 | 8.6 | 14.5 | 302.5 | 198.5 | 21.5 | 0.06 | 21.4 | 21.6 | 579.2 | 475.2 |
| 8/27/2018 | 9.9 | 2.38 | 7.0 | 15.5 | 312.5 | 204.5 | 21.4 | 0.04 | 21.3 | 21.4 | 600.5 | 492.5 |
| 8/28/2018 | 7.5 | 3.02 | 4.6 | 15.9 | 319.9 | 207.9 | 21.4 | 0.15 | 21.2 | 21.6 | 621.9 | 509.9 |
| 8/29/2018 | 11.7 | 5.34 | 5.6 | 21.3 | 331.7 | 215.7 | 21.6 | 0.07 | 21.4 | 21.7 | 643.5 | 527.5 |
| 8/30/2018 | 11.4 | 5.22 | 6.2 | 20.9 | 343.1 | 223.1 | 21.2 | 0.06 | 21.1 | 21.3 | 664.6 | 544.6 |
| 8/31/2018 | 8.5 | 1.57 | 6.0 | 11.0 | 351.6 | 227.6 | 20.7 | 0.55 | 19.6 | 21.2 | 685.3 | 561.3 |

September

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/1/2018 | 6.5 | 0.89 | 4.4 | 8.0 | 6.5 | 2.5 | 19.2 | 1.22 | 16.9 | 20.3 | 19.2 | 15.2 |
| 9/2/2018 | 7.5 | 2.09 | 4.7 | 12.2 | 14.0 | 6.0 | 19.8 | 0.13 | 19.6 | 20.0 | 39.0 | 31.0 |
| 9/3/2018 | 11.7 | 5.26 | 5.8 | 19.3 | 25.6 | 13.6 | 20.1 | 0.14 | 19.9 | 20.3 | 59.1 | 47.1 |
| 9/4/2018 | 15.4 | 2.82 | 10.0 | 18.2 | 41.1 | 25.1 | 20.1 | 0.14 | 19.8 | 20.3 | 79.2 | 63.2 |
| 9/5/2018 | 14.8 | 3.57 | 10.1 | 19.7 | 55.9 | 35.9 | 19.7 | 0.34 | 19.1 | 20.2 | 99.0 | 79.0 |
| 9/6/2018 | 15.1 | 4.82 | 7.8 | 19.4 | 71.0 | 47.0 | 19.5 | 0.22 | 19.2 | 19.9 | 118.4 | 94.4 |
| 9/7/2018 | 13.9 | 3.80 | 7.5 | 19.2 | 84.9 | 56.9 | 19.4 | 0.18 | 19.2 | 19.7 | 137.9 | 109.9 |
| 9/8/2018 | 10.4 | 3.16 | 6.6 | 16.0 | 95.3 | 63.3 | 19.5 | 0.09 | 19.4 | 19.7 | 157.4 | 125.4 |
| 9/9/2018 | 7.7 | 0.95 | 5.9 | 9.0 | 103.0 | 67.0 | 19.3 | 0.10 | 19.1 | 19.5 | 176.7 | 140.7 |
| 9/10/2018 | 8.3 | 1.36 | 6.5 | 10.5 | 111.3 | 71.3 | 19.1 | 0.14 | 18.9 | 19.4 | 195.8 | 155.8 |
| 9/11/2018 | 8.3 | 1.63 | 6.6 | 10.9 | 119.6 | 75.6 | 18.9 | 0.06 | 18.8 | 19.0 | 214.7 | 170.7 |
| 9/12/2018 | 12.9 | 4.70 | 7.3 | 18.7 | 132.5 | 84.5 | 18.8 | 0.04 | 18.8 | 18.9 | 233.5 | 185.5 |
| 9/13/2018 | 12.4 | 3.58 | 8.6 | 18.0 | 144.9 | 92.9 | 18.9 | 0.16 | 18.6 | 19.2 | 252.4 | 200.4 |
| 9/14/2018 | 10.8 | 1.25 | 8.6 | 13.8 | 155.7 | 99.7 | 19.3 | 0.31 | 18.9 | 19.9 | 271.7 | 215.7 |
| 9/15/2018 | 16.3 | 3.07 | 10.4 | 18.9 | 172.1 | 112.1 | 18.7 | 0.31 | 18.1 | 19.0 | 290.4 | 230.4 |
| 9/16/2018 | 15.8 | 3.57 | 10.0 | 19.1 | 187.8 | 123.8 | 19.2 | 0.15 | 18.9 | 19.4 | 309.6 | 245.6 |
| 9/17/2018 | 13.6 | 2.95 | 9.6 | 18.0 | 201.4 | 133.4 | 19.1 | 0.05 | 19.0 | 19.1 | 328.6 | 260.6 |
| 9/18/2018 | 17.1 | 2.40 | 12.1 | 18.8 | 218.5 | 146.5 | 18.9 | 0.10 | 18.8 | 19.1 | 347.5 | 275.5 |
| 9/19/2018 | 8.5 | 2.11 | 5.8 | 12.6 | 227.0 | 151.0 | 17.8 | 0.44 | 17.3 | 18.8 | 365.3 | 289.3 |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/20/2018 | 6.1 | 0.79 | 5.2 | 7.3 | 233.1 | 153.1 | 17.0 | 0.22 | 16.8 | 17.4 | 382.3 | 302.3 |
| 9/21/2018 | 7.9 | 0.78 | 6.6 | 8.9 | 241.0 | 157.0 | 17.2 | 0.35 | 16.6 | 17.8 | 399.6 | 315.6 |
| 9/22/2018 | 14.1 | 3.92 | 8.1 | 17.2 | 255.0 | 167.0 | 17.2 | 0.09 | 17.0 | 17.3 | 416.7 | 328.7 |
| 9/23/2018 | 16.2 | 0.51 | 15.3 | 17.0 | 271.2 | 179.2 | 16.8 | 0.18 | 16.5 | 17.0 | 433.6 | 341.6 |
| 9/24/2018 | 15.7 | 0.75 | 14.6 | 16.7 | 286.9 | 190.9 | 16.6 | 0.26 | 16.2 | 17.0 | 450.1 | 354.1 |
| 9/25/2018 | 10.9 | 2.01 | 8.2 | 16.2 | 297.9 | 197.9 | 15.8 | 0.38 | 14.9 | 16.2 | 465.9 | 365.9 |
| 9/26/2018 | 13.1 | 1.46 | 10.8 | 15.2 | 311.0 | 207.0 | 15.5 | 0.09 | 15.4 | 15.8 | 481.4 | 377.4 |
| 9/27/2018 | 13.7 | 0.75 | 12.5 | 15.3 | 324.7 | 216.7 | 15.0 | 0.30 | 14.7 | 15.5 | 496.4 | 388.4 |
| 9/28/2018 | 12.9 | 0.38 | 12.3 | 13.5 | 337.6 | 225.6 | 13.7 | 0.36 | 13.3 | 14.5 | 510.1 | 398.1 |
| 9/29/2018 | 12.5 | 1.10 | 11.1 | 13.9 | 350.2 | 234.2 | 14.1 | 0.28 | 13.5 | 14.4 | 524.2 | 408.2 |
| 9/30/2018 | 12.8 | 0.42 | 11.7 | 13.2 | 363.0 | 243.0 | 14.2 | 0.22 | 13.9 | 14.6 | 538.4 | 418.4 |

October

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/1/2018 | 12.5 | 0.74 | 11.2 | 13.6 | 12.5 | 8.5 | 13.7 | 0.16 | 13.4 | 13.8 | 13.7 | 9.7 |
| 10/2/2018 | 12.6 | 0.68 | 11.6 | 13.4 | 25.1 | 17.1 | 13.9 | 0.25 | 13.5 | 14.3 | 27.6 | 19.6 |
| 10/3/2018 | 10.9 | 0.63 | 10.1 | 12.1 | 36.0 | 24.0 | 13.5 | 0.35 | 12.9 | 13.9 | 41.1 | 29.1 |
| 10/4/2018 | 11.7 | 1.25 | 8.6 | 12.6 | 47.7 | 31.7 | 13.3 | 0.16 | 12.9 | 13.4 | 54.4 | 38.4 |
| 10/5/2018 | 12.9 | 0.39 | 12.3 | 13.4 | 60.6 | 40.6 | 13.4 | 0.11 | 13.1 | 13.5 | 67.8 | 47.8 |
| 10/6/2018 | 12.8 | 0.27 | 12.5 | 13.2 | 73.4 | 49.4 | 13.1 | 0.30 | 12.6 | 13.5 | 80.9 | 56.9 |
| 10/7/2018 | 12.3 | 0.75 | 11.3 | 13.4 | 85.7 | 57.7 | 13.3 | 0.17 | 13.0 | 13.6 | 94.2 | 66.2 |
| 10/8/2018 | 12.0 | 0.62 | 11.1 | 12.9 | 97.8 | 65.8 | 13.3 | 0.09 | 13.2 | 13.4 | 107.5 | 75.5 |
| 10/9/2018 | 12.6 | 0.55 | 11.8 | 13.3 | 110.4 | 74.4 | 13.4 | 0.10 | 13.2 | 13.5 | 120.9 | 84.9 |
| 10/10/2018 | 12.9 | 1.35 | 8.7 | 13.4 | 123.3 | 83.3 | 13.3 | 0.17 | 12.9 | 13.4 | 134.2 | 94.2 |
| 10/11/2018 | 11.7 | 0.32 | 10.8 | 11.9 | 135.0 | 91.0 | 12.4 | 0.47 | 11.7 | 13.1 | 146.5 | 102.5 |
| 10/12/2018 | 7.8 | 2.02 | 5.3 | 11.4 | 142.8 | 94.8 | 11.4 | 0.33 | 10.9 | 11.9 | 157.9 | 109.9 |
| 10/13/2018 | 8.9 | 3.65 | 3.9 | 11.9 | 151.7 | 99.7 | 11.7 | 0.37 | 10.8 | 12.1 | 169.6 | 117.6 |
| 10/14/2018 | 11.9 | 0.10 | 11.8 | 12.1 | 163.6 | 107.6 | 11.9 | 0.11 | 11.8 | 12.1 | 181.5 | 125.5 |
| 10/15/2018 | 11.8 | 0.12 | 11.6 | 12.0 | 175.4 | 115.4 | 11.9 | 0.12 | 11.6 | 12.1 | 193.4 | 133.4 |
| 10/16/2018 | 12.0 | 0.04 | 11.9 | 12.1 | 187.5 | 123.5 | 12.0 | 0.09 | 11.8 | 12.1 | 205.5 | 141.5 |
| 10/17/2018 | 11.8 | 0.04 | 11.7 | 11.9 | 199.2 | 131.2 | 11.8 | 0.09 | 11.6 | 11.9 | 217.3 | 149.3 |
| 10/18/2018 | 11.7 | 0.02 | 11.6 | 11.7 | 210.9 | 138.9 | 11.8 | 0.08 | 11.6 | 11.9 | 229.0 | 157.0 |
| 10/19/2018 | 11.4 | 0.11 | 11.3 | 11.6 | 222.3 | 146.3 | 11.2 | 0.36 | 10.4 | 11.6 | 240.2 | 164.2 |
| 10/20/2018 | 10.9 | 0.21 | 10.7 | 11.3 | 233.2 | 153.2 | 11.1 | 0.12 | 10.8 | 11.2 | 251.3 | 171.3 |
| 10/21/2018 | 10.8 | 0.09 | 10.6 | 10.9 | 244.0 | 160.0 | 10.9 | 0.09 | 10.8 | 11.1 | 262.2 | 178.2 |
| 10/22/2018 | 10.5 | 0.06 | 10.4 | 10.6 | 254.5 | 166.5 | 10.5 | 0.15 | 10.2 | 10.7 | 272.7 | 184.7 |
| 10/23/2018 | 10.4 | 0.07 | 10.2 | 10.5 | 264.8 | 172.8 | 10.3 | 0.17 | 9.9 | 10.5 | 282.9 | 190.9 |
| 10/24/2018 | 9.9 | 0.23 | 9.3 | 10.1 | 274.7 | 178.7 | 9.7 | 0.40 | 9.1 | 10.5 | 292.6 | 196.6 |
| 10/25/2018 | 9.3 | 0.08 | 9.2 | 9.4 | 284.0 | 184.0 | 9.2 | 0.12 | 9.1 | 9.4 | 301.8 | 201.8 |
| 10/26/2018 | 9.7 | 0.20 | 9.4 | 9.9 | 293.7 | 189.7 | 9.9 | 0.28 | 9.3 | 10.1 | 311.7 | 207.7 |
| 10/27/2018 | 9.9 | 0.03 | 9.9 | 9.9 | 303.6 | 195.6 | 9.9 | 0.14 | 9.5 | 10.0 | 321.6 | 213.6 |
| 10/28/2018 | 9.6 | 0.37 | 8.9 | 9.9 | 313.2 | 201.2 | 8.9 | 0.76 | 7.9 | 9.8 | 330.5 | 218.5 |
| 10/29/2018 | 8.6 | 0.11 | 8.5 | 8.8 | 321.8 | 205.8 | 9.5 | 0.19 | 9.2 | 9.8 | 340.0 | 224.0 |
| 10/30/2018 | 8.7 | 0.15 | 8.5 | 8.9 | 330.6 | 210.6 | 9.5 | 0.14 | 9.3 | 9.7 | 349.5 | 229.5 |
| 10/31/2018 | 8.9 | 0.03 | 8.9 | 8.9 | 339.4 | 215.4 | 9.3 | 0.10 | 9.1 | 9.4 | 358.7 | 234.7 |

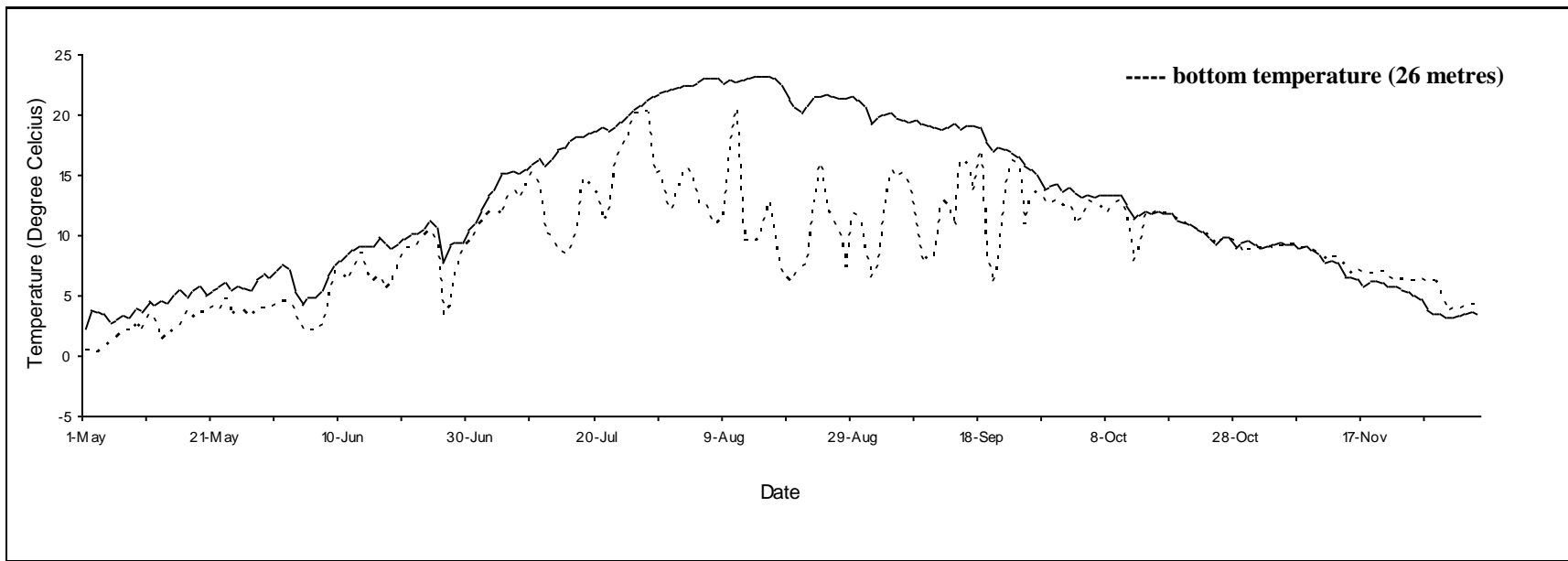
November

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 11/1/2018 | 8.9 | 0.01 | 8.9 | 9.0 | 8.9 | 4.9 | 9.0 | 0.06 | 8.8 | 9.0 | 9.0 | 5.0 |
| 11/2/2018 | 9.0 | 0.04 | 9.0 | 9.1 | 18.0 | 10.0 | 9.1 | 0.07 | 9.0 | 9.3 | 18.1 | 10.1 |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 11/3/2018 | 8.9 | 0.04 | 8.8 | 8.9 | 26.9 | 14.9 | 9.3 | 0.11 | 9.1 | 9.5 | 27.3 | 15.3 |
| 11/4/2018 | 9.1 | 0.10 | 9.0 | 9.2 | 35.9 | 19.9 | 9.4 | 0.18 | 8.9 | 9.6 | 36.7 | 20.7 |
| 11/5/2018 | 9.2 | 0.03 | 9.2 | 9.3 | 45.2 | 25.2 | 9.3 | 0.15 | 9.0 | 9.5 | 46.0 | 26.0 |
| 11/6/2018 | 9.2 | 0.02 | 9.1 | 9.2 | 54.4 | 30.4 | 9.2 | 0.21 | 8.9 | 9.5 | 55.1 | 31.1 |
| 11/7/2018 | 8.9 | 0.12 | 8.8 | 9.1 | 63.3 | 35.3 | 8.9 | 0.19 | 8.6 | 9.1 | 64.0 | 36.0 |
| 11/8/2018 | 9.0 | 0.05 | 8.9 | 9.1 | 72.3 | 40.3 | 9.1 | 0.05 | 9.0 | 9.2 | 73.2 | 41.2 |
| 11/9/2018 | 8.7 | 0.26 | 8.4 | 9.1 | 81.0 | 45.0 | 8.9 | 0.14 | 8.5 | 9.0 | 82.0 | 46.0 |
| 11/10/2018 | 8.4 | 0.08 | 8.3 | 8.5 | 89.5 | 49.5 | 8.4 | 0.48 | 7.4 | 8.8 | 90.4 | 50.4 |
| 11/11/2018 | 8.1 | 0.06 | 8.0 | 8.1 | 97.5 | 53.5 | 7.7 | 0.24 | 7.3 | 8.0 | 98.1 | 54.1 |
| 11/12/2018 | 8.2 | 0.01 | 8.1 | 8.2 | 105.7 | 57.7 | 7.9 | 0.07 | 7.8 | 8.0 | 106.0 | 58.0 |
| 11/13/2018 | 8.2 | 0.04 | 8.1 | 8.2 | 113.8 | 61.8 | 7.8 | 0.23 | 7.4 | 8.0 | 113.7 | 61.7 |
| 11/14/2018 | 7.3 | 0.46 | 6.5 | 7.9 | 121.2 | 65.2 | 6.6 | 0.57 | 5.7 | 7.7 | 120.3 | 64.3 |
| 11/15/2018 | 6.8 | 0.14 | 6.6 | 7.0 | 127.9 | 67.9 | 6.5 | 0.20 | 6.3 | 6.9 | 126.9 | 66.9 |
| 11/16/2018 | 7.1 | 0.20 | 6.7 | 7.3 | 135.0 | 71.0 | 6.4 | 0.18 | 5.9 | 6.7 | 133.3 | 69.3 |
| 11/17/2018 | 7.0 | 0.18 | 6.8 | 7.3 | 142.0 | 74.0 | 5.8 | 0.29 | 5.5 | 6.4 | 139.1 | 71.1 |
| 11/18/2018 | 6.8 | 0.03 | 6.8 | 6.9 | 148.8 | 76.8 | 6.1 | 0.31 | 5.8 | 6.5 | 145.2 | 73.2 |
| 11/19/2018 | 6.9 | 0.02 | 6.9 | 6.9 | 155.8 | 79.8 | 6.2 | 0.13 | 6.1 | 6.4 | 151.4 | 75.4 |
| 11/20/2018 | 6.9 | 0.03 | 6.8 | 6.9 | 162.7 | 82.7 | 6.1 | 0.08 | 5.9 | 6.2 | 157.5 | 77.5 |
| 11/21/2018 | 6.6 | 0.15 | 6.4 | 6.8 | 169.2 | 85.2 | 5.8 | 0.24 | 5.4 | 6.1 | 163.3 | 79.3 |
| 11/22/2018 | 6.4 | 0.05 | 6.3 | 6.5 | 175.7 | 87.7 | 5.8 | 0.16 | 5.5 | 6.0 | 169.1 | 81.1 |
| 11/23/2018 | 6.4 | 0.05 | 6.3 | 6.4 | 182.0 | 90.0 | 5.4 | 0.08 | 5.3 | 5.5 | 174.6 | 82.6 |
| 11/24/2018 | 6.2 | 0.03 | 6.2 | 6.3 | 188.2 | 92.2 | 5.2 | 0.08 | 5.1 | 5.4 | 179.8 | 83.8 |
| 11/25/2018 | 6.2 | 0.03 | 6.2 | 6.3 | 194.5 | 94.5 | 5.0 | 0.19 | 4.5 | 5.2 | 184.8 | 84.8 |
| 11/26/2018 | 6.3 | 0.01 | 6.3 | 6.3 | 200.8 | 96.8 | 4.7 | 0.14 | 4.3 | 4.8 | 189.4 | 85.4 |
| 11/27/2018 | 6.3 | 0.02 | 6.2 | 6.3 | 207.1 | 99.1 | 3.8 | 0.24 | 3.3 | 4.0 | 193.2 | 85.4 |
| 11/28/2018 | 6.2 | 0.05 | 6.1 | 6.2 | 213.2 | 101.2 | 3.5 | 0.14 | 3.3 | 3.7 | 196.7 | 85.4 |
| 11/29/2018 | 5.4 | 0.69 | 4.1 | 6.1 | 218.6 | 102.6 | 3.4 | 0.07 | 3.3 | 3.5 | 200.2 | 85.4 |
| 11/30/2018 | 3.8 | 0.05 | 3.8 | 4.0 | 222.4 | 102.6 | 3.2 | 0.03 | 3.2 | 3.3 | 203.4 | 85.4 |

December

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 12/1/2018 | 3.9 | 0.02 | 3.9 | 3.9 | 3.9 | 0.0 | 3.2 | 0.10 | 3.1 | 3.4 | 3.2 | 0.0 |
| 12/2/2018 | 4.0 | 0.04 | 3.9 | 4.1 | 7.9 | 0.0 | 3.3 | 0.06 | 3.2 | 3.4 | 6.5 | 0.0 |
| 12/3/2018 | 4.1 | 0.07 | 4.0 | 4.2 | 12.0 | 0.1 | 3.5 | 0.18 | 3.3 | 3.8 | 10.0 | 0.0 |
| 12/4/2018 | 4.2 | 0.04 | 4.1 | 4.2 | 16.2 | 0.2 | 3.6 | 0.06 | 3.5 | 3.7 | 13.6 | 0.0 |
| 12/5/2018 | 4.2 | 0.03 | 4.1 | 4.2 | 20.3 | 0.4 | 3.5 | 0.11 | 3.3 | 3.6 | 17.1 | 0.0 |



Daily mean temperature for Pleasant Bay, N.S., 2018.

Pointe Sapin, N.B.

2018

May

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 5/8/2018 | 1.0 | 0.49 | 0.4 | 1.8 | 1.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/9/2018 | 1.0 | 0.37 | 0.5 | 1.7 | 2.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/10/2018 | 0.6 | 0.08 | 0.4 | 0.7 | 2.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/11/2018 | 0.9 | 0.71 | 0.3 | 2.1 | 3.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/12/2018 | 3.3 | 0.92 | 1.9 | 5.0 | 6.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/13/2018 | 3.8 | 0.88 | 2.2 | 4.8 | 10.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/14/2018 | 1.5 | 0.83 | 0.9 | 3.2 | 12.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/15/2018 | 1.9 | 0.89 | 0.9 | 3.5 | 14.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/16/2018 | 2.9 | 1.03 | 1.5 | 4.5 | 16.9 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/17/2018 | 2.1 | 0.92 | 1.4 | 4.0 | 19.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/18/2018 | 3.5 | 1.22 | 2.0 | 5.6 | 22.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/19/2018 | 4.6 | 0.90 | 2.9 | 5.8 | 27.1 | 0.6 | NA | NA | NA | NA | NA | NA |
| 5/20/2018 | 5.3 | 0.30 | 4.7 | 6.0 | 32.5 | 1.9 | NA | NA | NA | NA | NA | NA |
| 5/21/2018 | 5.8 | 0.66 | 5.3 | 7.6 | 38.3 | 3.7 | NA | NA | NA | NA | NA | NA |
| 5/22/2018 | 6.7 | 0.47 | 6.1 | 7.3 | 44.9 | 6.3 | NA | NA | NA | NA | NA | NA |
| 5/23/2018 | 6.9 | 0.44 | 6.2 | 7.4 | 51.8 | 9.2 | NA | NA | NA | NA | NA | NA |
| 5/24/2018 | 7.0 | 0.16 | 6.7 | 7.2 | 58.8 | 12.2 | NA | NA | NA | NA | NA | NA |
| 5/25/2018 | 6.5 | 0.05 | 6.4 | 6.6 | 65.3 | 14.7 | NA | NA | NA | NA | NA | NA |
| 5/26/2018 | 7.2 | 0.51 | 6.5 | 8.0 | 72.5 | 17.9 | NA | NA | NA | NA | NA | NA |
| 5/27/2018 | 7.1 | 0.48 | 6.6 | 7.9 | 79.7 | 21.1 | NA | NA | NA | NA | NA | NA |
| 5/28/2018 | 6.9 | 0.16 | 6.6 | 7.1 | 86.5 | 23.9 | NA | NA | NA | NA | NA | NA |
| 5/29/2018 | 6.8 | 0.59 | 6.1 | 7.9 | 93.3 | 26.8 | NA | NA | NA | NA | NA | NA |
| 5/30/2018 | 8.4 | 0.49 | 7.6 | 9.2 | 101.7 | 31.2 | NA | NA | NA | NA | NA | NA |
| 5/31/2018 | 7.2 | 0.82 | 6.3 | 8.5 | 108.9 | 34.3 | NA | NA | NA | NA | NA | NA |

June

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/1/2018 | 6.9 | 0.81 | 6.1 | 8.5 | 6.9 | 2.9 | NA | NA | NA | NA | NA | NA |
| 6/2/2018 | 9.1 | 1.80 | 5.9 | 10.8 | 16.0 | 8.0 | NA | NA | NA | NA | NA | NA |
| 6/3/2018 | 9.5 | 0.19 | 9.2 | 9.8 | 25.5 | 13.5 | NA | NA | NA | NA | NA | NA |
| 6/4/2018 | 9.2 | 0.28 | 8.9 | 9.8 | 34.7 | 18.7 | NA | NA | NA | NA | NA | NA |
| 6/5/2018 | 8.6 | 0.11 | 8.5 | 8.8 | 43.3 | 23.3 | NA | NA | NA | NA | NA | NA |
| 6/6/2018 | 8.7 | 0.14 | 8.5 | 8.9 | 52.0 | 28.0 | NA | NA | NA | NA | NA | NA |
| 6/7/2018 | 9.1 | 0.11 | 8.9 | 9.2 | 61.0 | 33.0 | NA | NA | NA | NA | NA | NA |
| 6/8/2018 | 8.9 | 0.17 | 8.7 | 9.1 | 70.0 | 38.0 | NA | NA | NA | NA | NA | NA |
| 6/9/2018 | 9.0 | 0.35 | 8.6 | 9.8 | 78.9 | 42.9 | NA | NA | NA | NA | NA | NA |
| 6/10/2018 | 9.7 | 0.70 | 8.5 | 10.6 | 88.6 | 48.6 | NA | NA | NA | NA | NA | NA |
| 6/11/2018 | 10.3 | 0.45 | 9.2 | 10.8 | 99.0 | 55.0 | NA | NA | NA | NA | NA | NA |
| 6/12/2018 | 8.7 | 0.92 | 7.2 | 10.1 | 107.7 | 59.7 | NA | NA | NA | NA | NA | NA |
| 6/13/2018 | 8.3 | 1.16 | 7.1 | 10.5 | 116.0 | 64.0 | NA | NA | NA | NA | NA | NA |
| 6/14/2018 | 10.3 | 0.32 | 9.5 | 10.6 | 126.3 | 70.3 | NA | NA | NA | NA | NA | NA |
| 6/15/2018 | 9.5 | 0.63 | 8.6 | 10.4 | 135.8 | 75.8 | NA | NA | NA | NA | NA | NA |
| 6/16/2018 | 10.4 | 0.26 | 9.9 | 10.9 | 146.2 | 82.2 | NA | NA | NA | NA | NA | NA |
| 6/17/2018 | 10.3 | 0.37 | 9.8 | 10.8 | 156.5 | 88.5 | NA | NA | NA | NA | NA | NA |
| 6/18/2018 | 9.6 | 0.75 | 8.6 | 10.7 | 166.1 | 94.1 | NA | NA | NA | NA | NA | NA |
| 6/19/2018 | 9.1 | 0.86 | 8.2 | 11.1 | 175.2 | 99.2 | NA | NA | NA | NA | NA | NA |
| 6/20/2018 | 10.4 | 0.97 | 8.4 | 11.4 | 185.6 | 105.6 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/21/2018 | 11.1 | 0.52 | 10.2 | 12.0 | 196.7 | 112.7 | NA | NA | NA | NA | NA | NA |
| 6/22/2018 | 10.9 | 0.86 | 9.7 | 12.1 | 207.6 | 119.6 | NA | NA | NA | NA | NA | NA |
| 6/23/2018 | 10.2 | 0.68 | 9.4 | 11.3 | 217.9 | 125.9 | NA | NA | NA | NA | NA | NA |
| 6/24/2018 | 10.3 | 1.10 | 9.0 | 11.9 | 228.2 | 132.2 | NA | NA | NA | NA | NA | NA |
| 6/25/2018 | 12.6 | 0.20 | 12.0 | 12.7 | 240.8 | 140.8 | NA | NA | NA | NA | NA | NA |
| 6/26/2018 | 11.8 | 0.44 | 11.4 | 12.7 | 252.7 | 148.7 | NA | NA | NA | NA | NA | NA |
| 6/27/2018 | 11.8 | 0.39 | 11.5 | 12.7 | 264.5 | 156.5 | NA | NA | NA | NA | NA | NA |
| 6/28/2018 | 11.5 | 0.33 | 10.9 | 12.0 | 276.0 | 164.0 | NA | NA | NA | NA | NA | NA |
| 6/29/2018 | 9.9 | 0.88 | 8.6 | 11.5 | 285.8 | 169.8 | NA | NA | NA | NA | NA | NA |
| 6/30/2018 | 9.3 | 0.94 | 8.1 | 11.0 | 295.1 | 175.1 | NA | NA | NA | NA | NA | NA |

July

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/1/2018 | 10.3 | 1.71 | 8.3 | 13.4 | 10.3 | 6.3 | NA | NA | NA | NA | NA | NA |
| 7/2/2018 | 10.8 | 1.54 | 8.4 | 13.3 | 21.1 | 13.1 | NA | NA | NA | NA | NA | NA |
| 7/3/2018 | 9.7 | 1.57 | 8.0 | 12.0 | 30.8 | 18.8 | NA | NA | NA | NA | NA | NA |
| 7/4/2018 | 9.0 | 1.38 | 7.8 | 11.5 | 39.8 | 23.8 | NA | NA | NA | NA | NA | NA |
| 7/5/2018 | 9.2 | 1.13 | 8.0 | 10.7 | 49.0 | 29.0 | NA | NA | NA | NA | NA | NA |
| 7/6/2018 | 8.5 | 0.71 | 7.8 | 10.2 | 57.5 | 33.5 | NA | NA | NA | NA | NA | NA |
| 7/7/2018 | 13.9 | 1.85 | 9.0 | 15.4 | 71.4 | 43.4 | NA | NA | NA | NA | NA | NA |
| 7/8/2018 | 11.9 | 1.89 | 9.8 | 14.7 | 83.3 | 51.3 | NA | NA | NA | NA | NA | NA |
| 7/9/2018 | 11.7 | 1.73 | 9.2 | 13.7 | 95.0 | 59.0 | NA | NA | NA | NA | NA | NA |
| 7/10/2018 | 11.5 | 1.64 | 9.6 | 13.8 | 106.5 | 66.5 | NA | NA | NA | NA | NA | NA |
| 7/11/2018 | 12.2 | 1.66 | 9.2 | 14.4 | 118.7 | 74.7 | NA | NA | NA | NA | NA | NA |
| 7/12/2018 | 13.2 | 1.52 | 10.7 | 15.4 | 132.0 | 84.0 | NA | NA | NA | NA | NA | NA |
| 7/13/2018 | 13.4 | 0.68 | 12.6 | 14.4 | 145.3 | 93.3 | NA | NA | NA | NA | NA | NA |
| 7/14/2018 | 13.4 | 0.92 | 11.9 | 15.2 | 158.8 | 102.8 | NA | NA | NA | NA | NA | NA |
| 7/15/2018 | 12.5 | 0.90 | 11.4 | 13.9 | 171.2 | 111.2 | NA | NA | NA | NA | NA | NA |
| 7/16/2018 | 12.0 | 0.94 | 10.9 | 13.8 | 183.3 | 119.3 | NA | NA | NA | NA | NA | NA |
| 7/17/2018 | 12.0 | 0.88 | 10.9 | 13.3 | 195.2 | 127.2 | NA | NA | NA | NA | NA | NA |
| 7/18/2018 | 11.2 | 0.86 | 10.4 | 12.8 | 206.4 | 134.4 | NA | NA | NA | NA | NA | NA |
| 7/19/2018 | 12.2 | 1.29 | 10.5 | 14.8 | 218.6 | 142.6 | NA | NA | NA | NA | NA | NA |
| 7/20/2018 | 10.6 | 0.37 | 10.2 | 11.2 | 229.2 | 149.2 | NA | NA | NA | NA | NA | NA |
| 7/21/2018 | 10.5 | 0.44 | 9.9 | 11.2 | 239.7 | 155.7 | NA | NA | NA | NA | NA | NA |
| 7/22/2018 | 10.8 | 0.52 | 10.2 | 11.8 | 250.5 | 162.5 | NA | NA | NA | NA | NA | NA |
| 7/23/2018 | 10.3 | 0.37 | 9.9 | 11.1 | 260.8 | 168.8 | NA | NA | NA | NA | NA | NA |
| 7/24/2018 | 10.7 | 1.07 | 9.8 | 12.9 | 271.5 | 175.5 | NA | NA | NA | NA | NA | NA |
| 7/25/2018 | 10.3 | 0.87 | 9.6 | 12.2 | 281.8 | 181.8 | NA | NA | NA | NA | NA | NA |
| 7/26/2018 | 10.3 | 0.96 | 9.3 | 11.8 | 292.1 | 188.1 | NA | NA | NA | NA | NA | NA |
| 7/27/2018 | 9.3 | 0.83 | 8.4 | 11.3 | 301.4 | 193.4 | NA | NA | NA | NA | NA | NA |
| 7/28/2018 | 9.1 | 1.09 | 7.9 | 11.3 | 310.5 | 198.5 | NA | NA | NA | NA | NA | NA |
| 7/29/2018 | 8.9 | 0.81 | 7.9 | 10.6 | 319.4 | 203.4 | NA | NA | NA | NA | NA | NA |
| 7/30/2018 | 8.9 | 1.00 | 7.8 | 10.5 | 328.2 | 208.2 | NA | NA | NA | NA | NA | NA |
| 7/31/2018 | 8.8 | 0.76 | 7.9 | 9.9 | 337.0 | 213.0 | NA | NA | NA | NA | NA | NA |

August

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/1/2018 | 8.6 | 0.59 | 7.9 | 9.9 | 8.6 | 4.6 | NA | NA | NA | NA | NA | NA |
| 8/2/2018 | 8.3 | 0.34 | 7.8 | 9.0 | 16.9 | 8.9 | NA | NA | NA | NA | NA | NA |
| 8/3/2018 | 8.7 | 0.46 | 8.3 | 9.9 | 25.7 | 13.7 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/4/2018 | 8.6 | 0.67 | 7.8 | 9.6 | 34.3 | 18.3 | NA | NA | NA | NA | NA | NA |
| 8/5/2018 | 9.3 | 0.84 | 8.3 | 11.0 | 43.5 | 23.5 | NA | NA | NA | NA | NA | NA |
| 8/6/2018 | 9.6 | 0.91 | 8.7 | 12.0 | 53.1 | 29.1 | NA | NA | NA | NA | NA | NA |
| 8/7/2018 | 10.0 | 0.97 | 9.0 | 12.2 | 63.1 | 35.1 | NA | NA | NA | NA | NA | NA |
| 8/8/2018 | 11.5 | 1.69 | 9.9 | 14.6 | 74.6 | 42.6 | NA | NA | NA | NA | NA | NA |
| 8/9/2018 | 10.8 | 0.84 | 9.4 | 11.6 | 85.4 | 49.4 | NA | NA | NA | NA | NA | NA |
| 8/10/2018 | 10.8 | 1.82 | 9.3 | 15.6 | 96.1 | 56.1 | NA | NA | NA | NA | NA | NA |
| 8/11/2018 | 11.5 | 1.90 | 9.1 | 15.0 | 107.6 | 63.6 | NA | NA | NA | NA | NA | NA |
| 8/12/2018 | 12.5 | 2.01 | 9.8 | 15.2 | 120.1 | 72.1 | NA | NA | NA | NA | NA | NA |
| 8/13/2018 | 11.0 | 1.37 | 9.5 | 14.4 | 131.1 | 79.1 | NA | NA | NA | NA | NA | NA |
| 8/14/2018 | 10.6 | 1.08 | 9.9 | 13.3 | 141.7 | 85.7 | NA | NA | NA | NA | NA | NA |
| 8/15/2018 | 9.9 | 0.83 | 9.4 | 11.9 | 151.6 | 91.6 | NA | NA | NA | NA | NA | NA |
| 8/16/2018 | 12.9 | 2.57 | 9.9 | 16.8 | 164.5 | 100.5 | NA | NA | NA | NA | NA | NA |
| 8/17/2018 | 16.0 | 2.34 | 11.7 | 18.6 | 180.5 | 112.5 | NA | NA | NA | NA | NA | NA |
| 8/18/2018 | 13.7 | 1.85 | 11.1 | 15.9 | 194.2 | 122.2 | NA | NA | NA | NA | NA | NA |
| 8/19/2018 | 17.9 | 0.17 | 17.6 | 18.0 | 212.1 | 136.1 | NA | NA | NA | NA | NA | NA |
| 8/20/2018 | 17.1 | 1.80 | 14.0 | 18.6 | 229.3 | 149.3 | NA | NA | NA | NA | NA | NA |
| 8/21/2018 | 17.7 | 0.45 | 16.9 | 18.2 | 247.0 | 163.0 | NA | NA | NA | NA | NA | NA |
| 8/22/2018 | 13.3 | 1.75 | 11.6 | 16.9 | 260.3 | 172.3 | NA | NA | NA | NA | NA | NA |
| 8/23/2018 | 11.0 | 1.30 | 9.5 | 13.1 | 271.3 | 179.3 | NA | NA | NA | NA | NA | NA |
| 8/24/2018 | 10.5 | 0.65 | 10.0 | 12.2 | 281.8 | 185.8 | NA | NA | NA | NA | NA | NA |
| 8/25/2018 | 10.7 | 0.86 | 9.8 | 13.0 | 292.4 | 192.4 | NA | NA | NA | NA | NA | NA |
| 8/26/2018 | 10.7 | 0.74 | 10.0 | 12.7 | 303.1 | 199.1 | NA | NA | NA | NA | NA | NA |
| 8/27/2018 | 10.1 | 0.37 | 9.7 | 10.9 | 313.3 | 205.3 | NA | NA | NA | NA | NA | NA |
| 8/28/2018 | 10.2 | 0.43 | 9.7 | 11.3 | 323.5 | 211.5 | NA | NA | NA | NA | NA | NA |
| 8/29/2018 | 12.3 | 2.25 | 10.1 | 17.1 | 335.8 | 219.8 | NA | NA | NA | NA | NA | NA |
| 8/30/2018 | 12.7 | 1.84 | 10.5 | 15.8 | 348.5 | 228.5 | NA | NA | NA | NA | NA | NA |
| 8/31/2018 | 17.9 | 0.50 | 16.5 | 18.3 | 366.5 | 242.5 | NA | NA | NA | NA | NA | NA |

September

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/1/2018 | 15.8 | 1.39 | 13.8 | 17.9 | 15.8 | 11.8 | NA | NA | NA | NA | NA | NA |
| 9/2/2018 | 12.1 | 1.11 | 10.9 | 14.1 | 27.9 | 19.9 | NA | NA | NA | NA | NA | NA |
| 9/3/2018 | 11.7 | 0.98 | 10.8 | 14.0 | 39.6 | 27.6 | NA | NA | NA | NA | NA | NA |
| 9/4/2018 | 12.8 | 1.87 | 10.8 | 15.7 | 52.4 | 36.4 | NA | NA | NA | NA | NA | NA |
| 9/5/2018 | 13.8 | 1.80 | 11.9 | 16.9 | 66.2 | 46.2 | NA | NA | NA | NA | NA | NA |
| 9/6/2018 | 12.5 | 2.18 | 10.1 | 15.8 | 78.7 | 54.7 | NA | NA | NA | NA | NA | NA |
| 9/7/2018 | 14.8 | 1.79 | 12.4 | 17.0 | 93.5 | 65.5 | NA | NA | NA | NA | NA | NA |
| 9/8/2018 | 16.3 | 0.69 | 15.1 | 17.1 | 109.9 | 77.9 | NA | NA | NA | NA | NA | NA |
| 9/9/2018 | 16.8 | 0.21 | 16.6 | 17.1 | 126.7 | 90.7 | NA | NA | NA | NA | NA | NA |
| 9/10/2018 | 16.9 | 0.12 | 16.7 | 17.1 | 143.6 | 103.6 | NA | NA | NA | NA | NA | NA |
| 9/11/2018 | 15.7 | 0.79 | 14.5 | 16.9 | 159.3 | 115.3 | NA | NA | NA | NA | NA | NA |
| 9/12/2018 | 14.4 | 1.75 | 11.7 | 16.4 | 173.6 | 125.6 | NA | NA | NA | NA | NA | NA |
| 9/13/2018 | 14.4 | 1.32 | 12.5 | 15.8 | 188.0 | 136.0 | NA | NA | NA | NA | NA | NA |
| 9/14/2018 | 15.6 | 0.68 | 14.3 | 16.5 | 203.6 | 147.6 | NA | NA | NA | NA | NA | NA |
| 9/15/2018 | 14.9 | 1.36 | 12.4 | 16.3 | 218.4 | 158.4 | NA | NA | NA | NA | NA | NA |
| 9/16/2018 | 14.7 | 1.23 | 13.3 | 17.0 | 233.1 | 169.1 | NA | NA | NA | NA | NA | NA |
| 9/17/2018 | 13.7 | 1.41 | 11.8 | 15.9 | 246.8 | 178.8 | NA | NA | NA | NA | NA | NA |
| 9/18/2018 | 16.5 | 0.81 | 14.3 | 17.3 | 263.2 | 191.2 | NA | NA | NA | NA | NA | NA |
| 9/19/2018 | 15.9 | 0.20 | 15.6 | 16.2 | 279.1 | 203.1 | NA | NA | NA | NA | NA | NA |
| 9/20/2018 | 15.7 | 0.16 | 15.5 | 15.9 | 294.8 | 214.8 | NA | NA | NA | NA | NA | NA |
| 9/21/2018 | 15.6 | 0.13 | 15.5 | 15.9 | 310.4 | 226.4 | NA | NA | NA | NA | NA | NA |
| 9/22/2018 | 15.3 | 0.84 | 13.4 | 15.9 | 325.7 | 237.7 | NA | NA | NA | NA | NA | NA |
| 9/23/2018 | 14.9 | 0.53 | 13.8 | 15.5 | 340.6 | 248.6 | NA | NA | NA | NA | NA | NA |
| 9/24/2018 | 14.5 | 0.19 | 14.3 | 14.9 | 355.1 | 259.1 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/25/2018 | 14.4 | 0.21 | 14.1 | 14.7 | 369.5 | 269.5 | NA | NA | NA | NA | NA | NA |
| 9/26/2018 | 13.6 | 0.74 | 12.4 | 14.4 | 383.1 | 279.1 | NA | NA | NA | NA | NA | NA |
| 9/27/2018 | 13.2 | 0.64 | 12.3 | 14.1 | 396.3 | 288.3 | NA | NA | NA | NA | NA | NA |
| 9/28/2018 | 13.8 | 0.07 | 13.7 | 13.9 | 410.1 | 298.1 | NA | NA | NA | NA | NA | NA |
| 9/29/2018 | 13.6 | 0.12 | 13.4 | 13.8 | 423.7 | 307.7 | NA | NA | NA | NA | NA | NA |
| 9/30/2018 | 13.3 | 0.20 | 13.1 | 13.6 | 437.0 | 317.0 | NA | NA | NA | NA | NA | NA |

October

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/1/2018 | 13.4 | 0.09 | 13.2 | 13.6 | 13.4 | 9.4 | NA | NA | NA | NA | NA | NA |
| 10/2/2018 | 13.4 | 0.10 | 13.2 | 13.5 | 26.8 | 18.8 | NA | NA | NA | NA | NA | NA |
| 10/3/2018 | 13.3 | 0.07 | 13.2 | 13.4 | 40.0 | 28.0 | NA | NA | NA | NA | NA | NA |
| 10/4/2018 | 13.2 | 0.10 | 13.1 | 13.4 | 53.3 | 37.3 | NA | NA | NA | NA | NA | NA |
| 10/5/2018 | 13.1 | 0.30 | 12.6 | 13.4 | 66.4 | 46.4 | NA | NA | NA | NA | NA | NA |
| 10/6/2018 | 12.6 | 0.14 | 12.4 | 12.9 | 78.9 | 54.9 | NA | NA | NA | NA | NA | NA |
| 10/7/2018 | 12.4 | 0.16 | 12.2 | 12.7 | 91.3 | 63.3 | NA | NA | NA | NA | NA | NA |
| 10/8/2018 | 12.2 | 0.09 | 12.1 | 12.4 | 103.6 | 71.6 | NA | NA | NA | NA | NA | NA |
| 10/9/2018 | 12.1 | 0.06 | 12.0 | 12.2 | 115.6 | 79.6 | NA | NA | NA | NA | NA | NA |
| 10/10/2018 | 12.0 | 0.07 | 11.9 | 12.1 | 127.7 | 87.7 | NA | NA | NA | NA | NA | NA |
| 10/11/2018 | 11.8 | 0.10 | 11.7 | 12.0 | 139.5 | 95.5 | NA | NA | NA | NA | NA | NA |
| 10/12/2018 | 11.7 | 0.07 | 11.5 | 11.8 | 151.2 | 103.2 | NA | NA | NA | NA | NA | NA |
| 10/13/2018 | 11.5 | 0.21 | 11.1 | 11.8 | 162.7 | 110.7 | NA | NA | NA | NA | NA | NA |
| 10/14/2018 | 10.9 | 0.30 | 10.5 | 11.4 | 173.6 | 117.6 | NA | NA | NA | NA | NA | NA |
| 10/15/2018 | 10.4 | 0.33 | 9.9 | 10.9 | 184.0 | 124.0 | NA | NA | NA | NA | NA | NA |
| 10/16/2018 | 10.6 | 0.22 | 10.2 | 11.0 | 194.6 | 130.6 | NA | NA | NA | NA | NA | NA |
| 10/17/2018 | 10.5 | 0.18 | 10.1 | 10.7 | 205.1 | 137.1 | NA | NA | NA | NA | NA | NA |
| 10/18/2018 | 9.9 | 0.56 | 8.9 | 10.4 | 214.9 | 142.9 | NA | NA | NA | NA | NA | NA |
| 10/19/2018 | 8.4 | 0.30 | 7.9 | 8.9 | 223.3 | 147.3 | NA | NA | NA | NA | NA | NA |
| 10/20/2018 | 9.3 | 0.64 | 8.1 | 9.9 | 232.7 | 152.7 | NA | NA | NA | NA | NA | NA |
| 10/21/2018 | 9.4 | 0.40 | 8.6 | 9.9 | 242.1 | 158.1 | NA | NA | NA | NA | NA | NA |
| 10/22/2018 | 8.6 | 0.19 | 8.3 | 8.8 | 250.7 | 162.7 | NA | NA | NA | NA | NA | NA |
| 10/23/2018 | 8.2 | 0.28 | 7.8 | 8.7 | 258.9 | 166.9 | NA | NA | NA | NA | NA | NA |
| 10/24/2018 | 8.4 | 0.28 | 7.8 | 8.7 | 267.3 | 171.3 | NA | NA | NA | NA | NA | NA |
| 10/25/2018 | 7.8 | 0.26 | 7.4 | 8.1 | 275.1 | 175.1 | NA | NA | NA | NA | NA | NA |
| 10/26/2018 | 7.2 | 0.25 | 6.9 | 7.6 | 282.3 | 178.3 | NA | NA | NA | NA | NA | NA |
| 10/27/2018 | 7.1 | 0.13 | 6.9 | 7.3 | 289.4 | 181.4 | NA | NA | NA | NA | NA | NA |
| 10/28/2018 | 6.9 | 0.09 | 6.7 | 7.0 | 296.3 | 184.3 | NA | NA | NA | NA | NA | NA |
| 10/29/2018 | 6.8 | 0.12 | 6.5 | 6.9 | 303.1 | 187.1 | NA | NA | NA | NA | NA | NA |
| 10/30/2018 | 6.8 | 0.13 | 6.6 | 7.0 | 309.9 | 189.9 | NA | NA | NA | NA | NA | NA |
| 10/31/2018 | 6.8 | 0.09 | 6.6 | 6.9 | 316.8 | 192.8 | NA | NA | NA | NA | NA | NA |

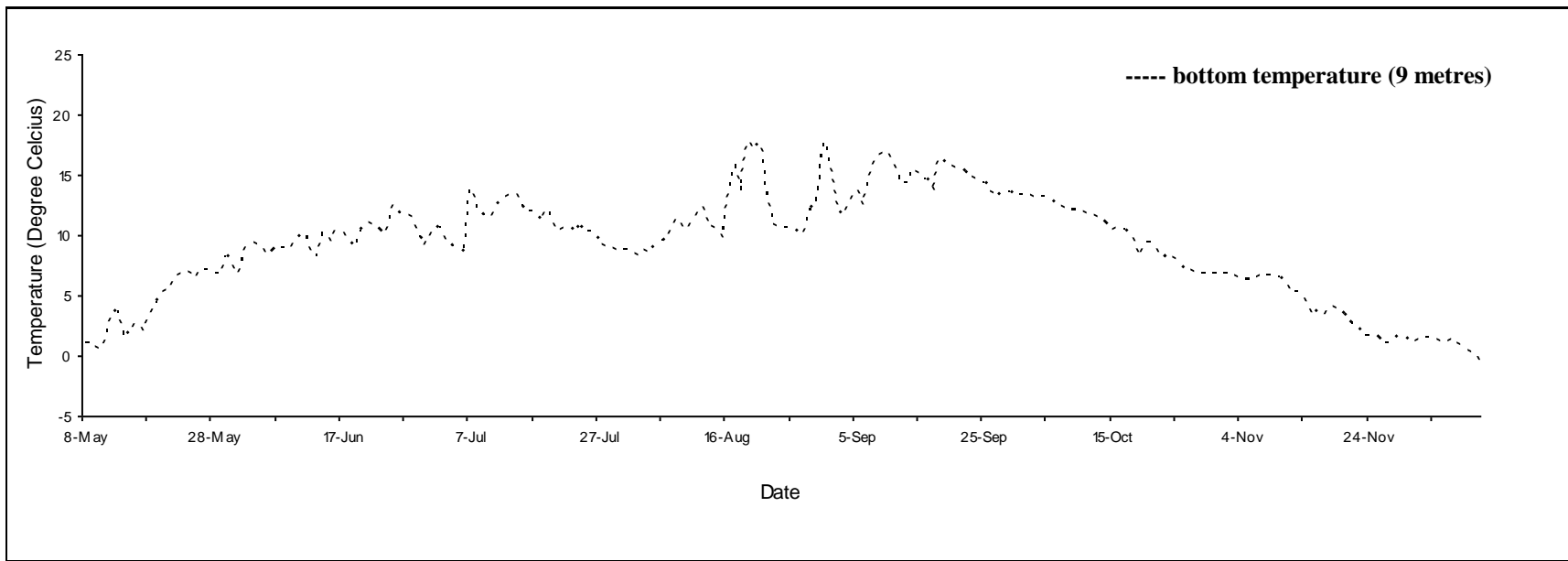
November

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 11/1/2018 | 6.8 | 0.05 | 6.7 | 6.9 | 6.8 | 2.8 | NA | NA | NA | NA | NA | NA |
| 11/2/2018 | 6.7 | 0.14 | 6.6 | 6.9 | 13.6 | 5.6 | NA | NA | NA | NA | NA | NA |
| 11/3/2018 | 6.7 | 0.05 | 6.6 | 6.8 | 20.3 | 8.3 | NA | NA | NA | NA | NA | NA |
| 11/4/2018 | 6.5 | 0.15 | 6.3 | 6.8 | 26.8 | 10.8 | NA | NA | NA | NA | NA | NA |
| 11/5/2018 | 6.4 | 0.10 | 6.3 | 6.6 | 33.2 | 13.2 | NA | NA | NA | NA | NA | NA |
| 11/6/2018 | 6.5 | 0.11 | 6.3 | 6.6 | 39.7 | 15.7 | NA | NA | NA | NA | NA | NA |
| 11/7/2018 | 6.6 | 0.07 | 6.4 | 6.7 | 46.3 | 18.3 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 11/8/2018 | 6.6 | 0.12 | 6.4 | 6.8 | 52.9 | 20.9 | NA | NA | NA | NA | NA | NA |
| 11/9/2018 | 6.7 | 0.10 | 6.5 | 6.8 | 59.7 | 23.7 | NA | NA | NA | NA | NA | NA |
| 11/10/2018 | 6.5 | 0.25 | 6.2 | 6.8 | 66.1 | 26.1 | NA | NA | NA | NA | NA | NA |
| 11/11/2018 | 6.0 | 0.30 | 5.6 | 6.6 | 72.1 | 28.1 | NA | NA | NA | NA | NA | NA |
| 11/12/2018 | 5.3 | 0.32 | 4.9 | 6.0 | 77.4 | 29.4 | NA | NA | NA | NA | NA | NA |
| 11/13/2018 | 5.2 | 0.34 | 4.6 | 5.5 | 82.6 | 30.6 | NA | NA | NA | NA | NA | NA |
| 11/14/2018 | 4.5 | 0.79 | 3.3 | 5.6 | 87.2 | 31.2 | NA | NA | NA | NA | NA | NA |
| 11/15/2018 | 3.3 | 0.52 | 2.6 | 4.3 | 90.5 | 31.2 | NA | NA | NA | NA | NA | NA |
| 11/16/2018 | 3.8 | 0.28 | 3.3 | 4.1 | 94.3 | 31.2 | NA | NA | NA | NA | NA | NA |
| 11/17/2018 | 3.5 | 0.15 | 3.3 | 3.8 | 97.8 | 31.2 | NA | NA | NA | NA | NA | NA |
| 11/18/2018 | 4.0 | 0.12 | 3.7 | 4.2 | 101.8 | 31.2 | NA | NA | NA | NA | NA | NA |
| 11/19/2018 | 3.9 | 0.14 | 3.6 | 4.1 | 105.7 | 31.2 | NA | NA | NA | NA | NA | NA |
| 11/20/2018 | 3.5 | 0.54 | 2.8 | 4.2 | 109.2 | 31.2 | NA | NA | NA | NA | NA | NA |
| 11/21/2018 | 2.8 | 0.11 | 2.6 | 2.9 | 112.0 | 31.2 | NA | NA | NA | NA | NA | NA |
| 11/22/2018 | 2.6 | 0.38 | 1.6 | 2.9 | 114.5 | 31.2 | NA | NA | NA | NA | NA | NA |
| 11/23/2018 | 1.6 | 0.46 | 0.7 | 2.0 | 116.2 | 31.2 | NA | NA | NA | NA | NA | NA |
| 11/24/2018 | 1.7 | 0.14 | 1.5 | 2.0 | 117.8 | 31.2 | NA | NA | NA | NA | NA | NA |
| 11/25/2018 | 1.6 | 0.31 | 0.9 | 2.0 | 119.4 | 31.2 | NA | NA | NA | NA | NA | NA |
| 11/26/2018 | 1.2 | 0.39 | 0.8 | 1.9 | 120.7 | 31.2 | NA | NA | NA | NA | NA | NA |
| 11/27/2018 | 1.1 | 0.12 | 0.9 | 1.3 | 121.8 | 31.2 | NA | NA | NA | NA | NA | NA |
| 11/28/2018 | 1.4 | 0.29 | 1.0 | 1.9 | 123.2 | 31.2 | NA | NA | NA | NA | NA | NA |
| 11/29/2018 | 1.8 | 0.32 | 1.2 | 2.2 | 124.9 | 31.2 | NA | NA | NA | NA | NA | NA |
| 11/30/2018 | 1.3 | 0.11 | 1.1 | 1.5 | 126.3 | 31.2 | NA | NA | NA | NA | NA | NA |

December

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 12/1/2018 | 1.3 | 0.10 | 1.1 | 1.4 | 1.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/2/2018 | 1.3 | 0.10 | 1.2 | 1.5 | 2.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/3/2018 | 1.5 | 0.17 | 1.1 | 1.7 | 4.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/4/2018 | 1.5 | 0.25 | 1.2 | 1.8 | 5.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/5/2018 | 1.2 | 0.20 | 0.6 | 1.4 | 6.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/6/2018 | 1.2 | 0.09 | 1.0 | 1.3 | 8.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/7/2018 | 1.4 | 0.06 | 1.3 | 1.4 | 9.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/8/2018 | 0.8 | 0.57 | 0.0 | 1.4 | 10.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/9/2018 | 0.7 | 0.10 | 0.5 | 0.9 | 10.9 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/10/2018 | 0.2 | 0.43 | -0.7 | 0.7 | 11.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/11/2018 | -0.3 | 0.37 | -0.9 | 0.0 | 11.1 | 0.0 | NA | NA | NA | NA | NA | NA |



Daily mean temperature for Pointe Sapin, N.B., 2018.

Port Hood, N.S.

2018

May

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 5/1/2018 | 0.4 | 0.24 | 0.2 | 1.0 | 0.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/2/2018 | 1.4 | 0.35 | 0.8 | 2.0 | 1.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/3/2018 | 1.0 | 0.69 | 0.0 | 1.8 | 2.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/4/2018 | 0.1 | 0.15 | -0.1 | 0.4 | 2.9 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/5/2018 | 0.7 | 0.26 | 0.4 | 1.2 | 3.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/6/2018 | 1.5 | 0.60 | 0.9 | 2.7 | 5.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/7/2018 | 2.4 | 0.72 | 1.0 | 3.4 | 7.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/8/2018 | 1.6 | 0.26 | 1.3 | 2.0 | 9.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/9/2018 | 2.4 | 0.60 | 1.6 | 3.4 | 11.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/10/2018 | 1.7 | 0.14 | 1.5 | 1.9 | 13.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/11/2018 | 1.9 | 0.27 | 1.6 | 2.5 | 15.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/12/2018 | 1.1 | 0.23 | 0.7 | 1.4 | 16.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/13/2018 | 1.0 | 0.13 | 0.9 | 1.4 | 17.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/14/2018 | 1.4 | 0.28 | 1.1 | 2.1 | 18.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/15/2018 | 2.9 | 0.82 | 1.7 | 4.3 | 21.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/16/2018 | 2.4 | 1.76 | 0.9 | 6.0 | 23.9 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/17/2018 | 1.4 | 0.35 | 0.9 | 2.3 | 25.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/18/2018 | 2.2 | 0.56 | 1.8 | 3.5 | 27.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/19/2018 | 2.2 | 0.28 | 2.0 | 2.7 | 29.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/20/2018 | 3.1 | 0.42 | 2.5 | 3.8 | 32.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/21/2018 | 4.8 | 0.91 | 3.6 | 6.2 | 37.6 | 0.8 | NA | NA | NA | NA | NA | NA |
| 5/22/2018 | 4.3 | 0.50 | 3.5 | 5.3 | 41.9 | 1.1 | NA | NA | NA | NA | NA | NA |
| 5/23/2018 | 4.2 | 0.87 | 3.6 | 6.4 | 46.2 | 1.4 | NA | NA | NA | NA | NA | NA |
| 5/24/2018 | 1.7 | 1.99 | 0.3 | 6.6 | 47.9 | 1.4 | NA | NA | NA | NA | NA | NA |
| 5/25/2018 | 0.7 | 0.55 | 0.2 | 2.0 | 48.6 | 1.4 | NA | NA | NA | NA | NA | NA |
| 5/26/2018 | 2.3 | 1.61 | 0.7 | 5.4 | 51.0 | 1.4 | NA | NA | NA | NA | NA | NA |
| 5/27/2018 | 3.0 | 0.82 | 1.6 | 4.7 | 53.9 | 1.4 | NA | NA | NA | NA | NA | NA |
| 5/28/2018 | 2.7 | 0.49 | 2.2 | 3.7 | 56.6 | 1.4 | NA | NA | NA | NA | NA | NA |
| 5/29/2018 | 4.3 | 1.10 | 3.1 | 7.1 | 60.9 | 1.7 | NA | NA | NA | NA | NA | NA |
| 5/30/2018 | 2.5 | 2.39 | 0.8 | 7.3 | 63.5 | 1.7 | NA | NA | NA | NA | NA | NA |
| 5/31/2018 | 1.1 | 0.27 | 0.8 | 1.7 | 64.5 | 1.7 | NA | NA | NA | NA | NA | NA |

June

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/1/2018 | 2.1 | 0.39 | 1.6 | 2.7 | 2.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 6/2/2018 | 4.3 | 1.06 | 2.8 | 6.2 | 6.4 | 0.3 | NA | NA | NA | NA | NA | NA |
| 6/3/2018 | 4.3 | 2.77 | 1.1 | 8.3 | 10.7 | 0.6 | NA | NA | NA | NA | NA | NA |
| 6/4/2018 | 1.8 | 0.26 | 1.5 | 2.3 | 12.5 | 0.6 | NA | NA | NA | NA | NA | NA |
| 6/5/2018 | 3.4 | 0.70 | 2.4 | 5.0 | 16.0 | 0.6 | NA | NA | NA | NA | NA | NA |
| 6/6/2018 | 4.7 | 0.64 | 3.8 | 5.8 | 20.7 | 1.3 | NA | NA | NA | NA | NA | NA |
| 6/7/2018 | 5.0 | 0.53 | 4.5 | 5.8 | 25.8 | 2.4 | NA | NA | NA | NA | NA | NA |
| 6/8/2018 | 5.7 | 0.64 | 4.7 | 6.7 | 31.4 | 4.1 | NA | NA | NA | NA | NA | NA |
| 6/9/2018 | 6.7 | 1.01 | 5.3 | 8.4 | 38.1 | 6.7 | NA | NA | NA | NA | NA | NA |
| 6/10/2018 | 7.0 | 0.48 | 6.0 | 7.6 | 45.1 | 9.7 | NA | NA | NA | NA | NA | NA |
| 6/11/2018 | 6.4 | 0.17 | 6.2 | 6.7 | 51.5 | 12.1 | NA | NA | NA | NA | NA | NA |
| 6/12/2018 | 6.2 | 0.11 | 6.0 | 6.4 | 57.7 | 14.3 | NA | NA | NA | NA | NA | NA |
| 6/13/2018 | 7.2 | 0.77 | 6.3 | 8.7 | 64.9 | 17.6 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/14/2018 | 7.3 | 0.61 | 6.4 | 7.8 | 72.2 | 20.8 | NA | NA | NA | NA | NA | NA |
| 6/15/2018 | 6.5 | 0.44 | 6.1 | 7.6 | 78.8 | 23.4 | NA | NA | NA | NA | NA | NA |
| 6/16/2018 | 6.7 | 0.28 | 6.4 | 7.3 | 85.5 | 26.1 | NA | NA | NA | NA | NA | NA |
| 6/17/2018 | 6.5 | 0.37 | 6.1 | 7.5 | 92.0 | 28.6 | NA | NA | NA | NA | NA | NA |
| 6/18/2018 | 6.8 | 0.49 | 6.3 | 7.8 | 98.8 | 31.4 | NA | NA | NA | NA | NA | NA |
| 6/19/2018 | 9.0 | 0.44 | 8.0 | 9.4 | 107.7 | 36.4 | NA | NA | NA | NA | NA | NA |
| 6/20/2018 | 9.4 | 0.23 | 9.1 | 9.7 | 117.1 | 41.8 | NA | NA | NA | NA | NA | NA |
| 6/21/2018 | 9.3 | 0.23 | 8.8 | 9.7 | 126.5 | 47.1 | NA | NA | NA | NA | NA | NA |
| 6/22/2018 | 8.9 | 0.25 | 8.5 | 9.2 | 135.4 | 52.0 | NA | NA | NA | NA | NA | NA |
| 6/23/2018 | 8.7 | 0.36 | 8.3 | 9.5 | 144.1 | 56.7 | NA | NA | NA | NA | NA | NA |
| 6/24/2018 | 9.4 | 0.61 | 8.6 | 10.6 | 153.5 | 62.1 | NA | NA | NA | NA | NA | NA |
| 6/25/2018 | 8.9 | 0.39 | 8.3 | 9.7 | 162.3 | 66.9 | NA | NA | NA | NA | NA | NA |
| 6/26/2018 | 6.6 | 1.30 | 5.4 | 8.6 | 168.9 | 69.5 | NA | NA | NA | NA | NA | NA |
| 6/27/2018 | 5.7 | 0.33 | 5.4 | 6.6 | 174.6 | 71.2 | NA | NA | NA | NA | NA | NA |
| 6/28/2018 | 7.1 | 0.81 | 6.2 | 8.3 | 181.7 | 74.3 | NA | NA | NA | NA | NA | NA |
| 6/29/2018 | 8.6 | 0.97 | 6.7 | 10.2 | 190.3 | 79.0 | NA | NA | NA | NA | NA | NA |
| 6/30/2018 | 10.4 | 0.71 | 9.2 | 11.4 | 200.8 | 85.4 | NA | NA | NA | NA | NA | NA |

July

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/1/2018 | 10.6 | 0.35 | 10.1 | 11.1 | 10.6 | 6.6 | NA | NA | NA | NA | NA | NA |
| 7/2/2018 | 10.6 | 0.54 | 9.9 | 11.4 | 21.2 | 13.2 | NA | NA | NA | NA | NA | NA |
| 7/3/2018 | 10.5 | 0.49 | 10.1 | 11.4 | 31.7 | 19.7 | NA | NA | NA | NA | NA | NA |
| 7/4/2018 | 10.9 | 0.52 | 10.4 | 12.1 | 42.6 | 26.6 | NA | NA | NA | NA | NA | NA |
| 7/5/2018 | 10.4 | 0.21 | 10.2 | 10.9 | 53.1 | 33.1 | NA | NA | NA | NA | NA | NA |
| 7/6/2018 | 10.7 | 0.29 | 10.2 | 11.4 | 63.8 | 39.8 | NA | NA | NA | NA | NA | NA |
| 7/7/2018 | 11.3 | 0.76 | 10.7 | 13.2 | 75.0 | 47.0 | NA | NA | NA | NA | NA | NA |
| 7/8/2018 | 10.9 | 0.29 | 10.5 | 11.5 | 86.0 | 54.0 | NA | NA | NA | NA | NA | NA |
| 7/9/2018 | 11.5 | 0.66 | 11.0 | 13.4 | 97.5 | 61.5 | NA | NA | NA | NA | NA | NA |
| 7/10/2018 | 11.9 | 0.79 | 11.0 | 13.4 | 109.4 | 69.4 | NA | NA | NA | NA | NA | NA |
| 7/11/2018 | 12.5 | 1.43 | 11.1 | 15.3 | 122.0 | 78.0 | NA | NA | NA | NA | NA | NA |
| 7/12/2018 | 12.9 | 0.43 | 12.4 | 13.6 | 134.9 | 86.9 | NA | NA | NA | NA | NA | NA |
| 7/13/2018 | 12.9 | 0.46 | 12.3 | 13.8 | 147.7 | 95.7 | NA | NA | NA | NA | NA | NA |
| 7/14/2018 | 13.9 | 0.39 | 13.3 | 14.5 | 161.6 | 105.6 | NA | NA | NA | NA | NA | NA |
| 7/15/2018 | 15.6 | 0.53 | 14.9 | 16.3 | 177.2 | 117.2 | NA | NA | NA | NA | NA | NA |
| 7/16/2018 | 15.1 | 0.72 | 14.3 | 16.6 | 192.3 | 128.3 | NA | NA | NA | NA | NA | NA |
| 7/17/2018 | 14.3 | 0.42 | 13.8 | 15.2 | 206.6 | 138.6 | NA | NA | NA | NA | NA | NA |
| 7/18/2018 | 14.7 | 0.66 | 14.1 | 16.2 | 221.4 | 149.4 | NA | NA | NA | NA | NA | NA |
| 7/19/2018 | 14.6 | 1.73 | 12.9 | 17.8 | 235.9 | 159.9 | NA | NA | NA | NA | NA | NA |
| 7/20/2018 | 13.0 | 0.27 | 12.7 | 13.4 | 249.0 | 169.0 | NA | NA | NA | NA | NA | NA |
| 7/21/2018 | 13.4 | 0.64 | 12.7 | 14.7 | 262.3 | 178.3 | NA | NA | NA | NA | NA | NA |
| 7/22/2018 | 14.0 | 1.11 | 13.1 | 16.7 | 276.3 | 188.3 | NA | NA | NA | NA | NA | NA |
| 7/23/2018 | 13.7 | 0.71 | 12.9 | 15.4 | 290.1 | 198.1 | NA | NA | NA | NA | NA | NA |
| 7/24/2018 | 12.4 | 0.63 | 11.8 | 13.9 | 302.4 | 206.4 | NA | NA | NA | NA | NA | NA |
| 7/25/2018 | 12.5 | 0.51 | 11.9 | 13.4 | 314.9 | 214.9 | NA | NA | NA | NA | NA | NA |
| 7/26/2018 | 12.7 | 0.52 | 12.1 | 13.4 | 327.6 | 223.6 | NA | NA | NA | NA | NA | NA |
| 7/27/2018 | 13.2 | 0.43 | 12.7 | 13.9 | 340.9 | 232.9 | NA | NA | NA | NA | NA | NA |
| 7/28/2018 | 13.4 | 0.36 | 13.0 | 14.1 | 354.2 | 242.2 | NA | NA | NA | NA | NA | NA |
| 7/29/2018 | 13.7 | 0.43 | 13.3 | 14.5 | 367.9 | 251.9 | NA | NA | NA | NA | NA | NA |
| 7/30/2018 | 13.2 | 0.99 | 12.0 | 15.6 | 381.2 | 261.2 | NA | NA | NA | NA | NA | NA |
| 7/31/2018 | 12.9 | 0.74 | 12.3 | 14.7 | 394.1 | 270.1 | NA | NA | NA | NA | NA | NA |

August

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/1/2018 | 12.9 | 0.30 | 12.6 | 13.6 | 12.9 | 8.9 | NA | NA | NA | NA | NA | NA |
| 8/2/2018 | 13.4 | 0.43 | 13.0 | 14.5 | 26.3 | 18.3 | NA | NA | NA | NA | NA | NA |
| 8/3/2018 | 14.1 | 0.67 | 13.3 | 15.0 | 40.4 | 28.4 | NA | NA | NA | NA | NA | NA |
| 8/4/2018 | 14.3 | 0.82 | 13.5 | 15.8 | 54.7 | 38.7 | NA | NA | NA | NA | NA | NA |
| 8/5/2018 | 14.1 | 0.32 | 13.8 | 14.6 | 68.7 | 48.7 | NA | NA | NA | NA | NA | NA |
| 8/6/2018 | 14.3 | 0.87 | 13.5 | 16.5 | 83.0 | 59.0 | NA | NA | NA | NA | NA | NA |
| 8/7/2018 | 13.8 | 0.76 | 13.0 | 16.1 | 96.9 | 68.9 | NA | NA | NA | NA | NA | NA |
| 8/8/2018 | 13.7 | 1.06 | 12.8 | 16.0 | 110.6 | 78.6 | NA | NA | NA | NA | NA | NA |
| 8/9/2018 | 12.2 | 0.58 | 11.4 | 13.6 | 122.8 | 86.8 | NA | NA | NA | NA | NA | NA |
| 8/10/2018 | 13.2 | 0.88 | 12.2 | 15.3 | 136.0 | 96.0 | NA | NA | NA | NA | NA | NA |
| 8/11/2018 | 13.1 | 0.53 | 12.4 | 14.2 | 149.0 | 105.0 | NA | NA | NA | NA | NA | NA |
| 8/12/2018 | 13.6 | 1.03 | 12.9 | 16.6 | 162.6 | 114.6 | NA | NA | NA | NA | NA | NA |
| 8/13/2018 | 14.0 | 0.67 | 13.4 | 15.3 | 176.6 | 124.6 | NA | NA | NA | NA | NA | NA |
| 8/14/2018 | 14.5 | 0.81 | 13.8 | 15.9 | 191.2 | 135.2 | NA | NA | NA | NA | NA | NA |
| 8/15/2018 | 15.0 | 0.50 | 14.4 | 15.8 | 206.1 | 146.1 | NA | NA | NA | NA | NA | NA |
| 8/16/2018 | 15.2 | 0.84 | 14.0 | 16.6 | 221.3 | 157.3 | NA | NA | NA | NA | NA | NA |
| 8/17/2018 | 12.6 | 1.29 | 11.6 | 16.0 | 233.9 | 165.9 | NA | NA | NA | NA | NA | NA |
| 8/18/2018 | 12.4 | 0.79 | 11.6 | 13.9 | 246.2 | 174.2 | NA | NA | NA | NA | NA | NA |
| 8/19/2018 | 13.7 | 1.14 | 12.1 | 16.0 | 259.9 | 183.9 | NA | NA | NA | NA | NA | NA |
| 8/20/2018 | 12.1 | 0.46 | 11.5 | 13.0 | 272.0 | 192.0 | NA | NA | NA | NA | NA | NA |
| 8/21/2018 | 13.0 | 0.87 | 11.9 | 14.6 | 285.0 | 201.0 | NA | NA | NA | NA | NA | NA |
| 8/22/2018 | 12.7 | 0.45 | 12.2 | 13.6 | 297.7 | 209.7 | NA | NA | NA | NA | NA | NA |
| 8/23/2018 | 13.2 | 0.69 | 12.4 | 14.7 | 310.8 | 218.8 | NA | NA | NA | NA | NA | NA |
| 8/24/2018 | 11.4 | 0.20 | 11.1 | 11.7 | 322.3 | 226.3 | NA | NA | NA | NA | NA | NA |
| 8/25/2018 | 12.0 | 1.01 | 11.3 | 15.0 | 334.3 | 234.3 | NA | NA | NA | NA | NA | NA |
| 8/26/2018 | 12.6 | 0.72 | 11.9 | 14.3 | 346.9 | 242.9 | NA | NA | NA | NA | NA | NA |
| 8/27/2018 | 12.9 | 0.65 | 12.1 | 14.0 | 359.8 | 251.8 | NA | NA | NA | NA | NA | NA |
| 8/28/2018 | 13.4 | 1.17 | 12.6 | 16.4 | 373.2 | 261.2 | NA | NA | NA | NA | NA | NA |
| 8/29/2018 | 13.3 | 0.79 | 12.3 | 15.0 | 386.5 | 270.5 | NA | NA | NA | NA | NA | NA |
| 8/30/2018 | 12.4 | 0.23 | 12.1 | 13.0 | 398.9 | 278.9 | NA | NA | NA | NA | NA | NA |
| 8/31/2018 | 12.0 | 1.17 | 11.2 | 15.1 | 410.8 | 286.8 | NA | NA | NA | NA | NA | NA |

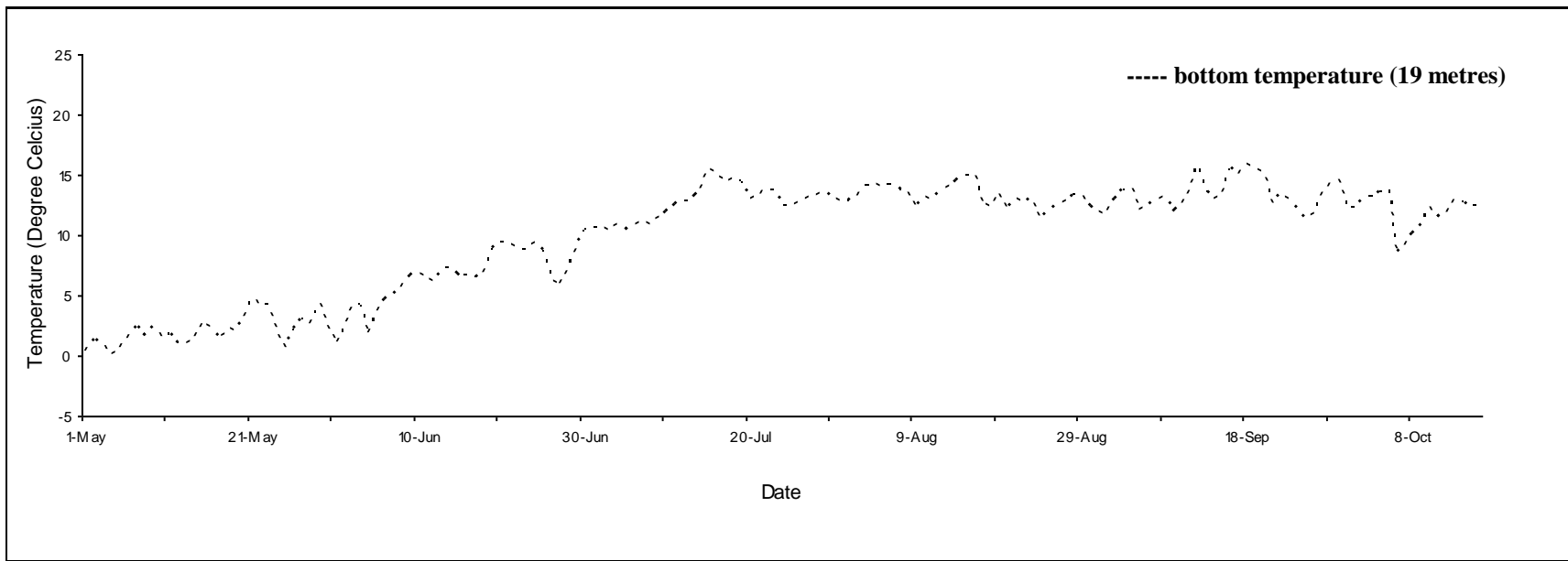
September

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/1/2018 | 11.9 | 0.44 | 11.4 | 12.8 | 11.9 | 7.9 | NA | NA | NA | NA | NA | NA |
| 9/2/2018 | 13.1 | 1.01 | 11.9 | 15.0 | 24.9 | 16.9 | NA | NA | NA | NA | NA | NA |
| 9/3/2018 | 13.8 | 0.74 | 13.0 | 15.1 | 38.7 | 26.7 | NA | NA | NA | NA | NA | NA |
| 9/4/2018 | 13.9 | 1.08 | 11.9 | 16.2 | 52.6 | 36.6 | NA | NA | NA | NA | NA | NA |
| 9/5/2018 | 12.2 | 0.50 | 11.6 | 13.1 | 64.8 | 44.8 | NA | NA | NA | NA | NA | NA |
| 9/6/2018 | 12.4 | 0.69 | 11.7 | 14.0 | 77.2 | 53.2 | NA | NA | NA | NA | NA | NA |
| 9/7/2018 | 13.0 | 0.50 | 12.2 | 13.8 | 90.1 | 62.1 | NA | NA | NA | NA | NA | NA |
| 9/8/2018 | 13.1 | 0.67 | 12.5 | 14.4 | 103.2 | 71.2 | NA | NA | NA | NA | NA | NA |
| 9/9/2018 | 12.0 | 0.37 | 11.5 | 12.8 | 115.3 | 79.3 | NA | NA | NA | NA | NA | NA |
| 9/10/2018 | 12.6 | 0.81 | 11.9 | 14.6 | 127.8 | 87.8 | NA | NA | NA | NA | NA | NA |
| 9/11/2018 | 13.8 | 1.25 | 12.4 | 16.1 | 141.6 | 97.6 | NA | NA | NA | NA | NA | NA |
| 9/12/2018 | 15.9 | 2.11 | 13.3 | 19.3 | 157.5 | 109.5 | NA | NA | NA | NA | NA | NA |
| 9/13/2018 | 13.7 | 1.91 | 12.0 | 18.5 | 171.2 | 119.2 | NA | NA | NA | NA | NA | NA |
| 9/14/2018 | 13.0 | 0.25 | 12.7 | 13.5 | 184.2 | 128.2 | NA | NA | NA | NA | NA | NA |
| 9/15/2018 | 13.7 | 0.62 | 13.1 | 15.3 | 197.9 | 137.9 | NA | NA | NA | NA | NA | NA |
| 9/16/2018 | 15.6 | 1.36 | 13.9 | 18.0 | 213.6 | 149.6 | NA | NA | NA | NA | NA | NA |
| 9/17/2018 | 15.1 | 0.42 | 14.5 | 16.0 | 228.7 | 160.7 | NA | NA | NA | NA | NA | NA |
| 9/18/2018 | 15.8 | 1.11 | 15.0 | 18.3 | 244.5 | 172.5 | NA | NA | NA | NA | NA | NA |
| 9/19/2018 | 15.5 | 1.19 | 13.6 | 17.7 | 260.0 | 184.0 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/20/2018 | 14.9 | 0.50 | 14.3 | 15.9 | 275.0 | 195.0 | NA | NA | NA | NA | NA | NA |
| 9/21/2018 | 12.8 | 0.20 | 12.6 | 13.3 | 287.7 | 203.7 | NA | NA | NA | NA | NA | NA |
| 9/22/2018 | 13.4 | 1.14 | 12.7 | 16.9 | 301.2 | 213.2 | NA | NA | NA | NA | NA | NA |
| 9/23/2018 | 13.1 | 2.45 | 10.9 | 17.5 | 314.2 | 222.2 | NA | NA | NA | NA | NA | NA |
| 9/24/2018 | 12.0 | 0.72 | 11.0 | 12.9 | 326.2 | 230.2 | NA | NA | NA | NA | NA | NA |
| 9/25/2018 | 11.3 | 0.30 | 11.1 | 12.2 | 337.5 | 237.5 | NA | NA | NA | NA | NA | NA |
| 9/26/2018 | 11.8 | 0.28 | 11.4 | 12.2 | 349.3 | 245.3 | NA | NA | NA | NA | NA | NA |
| 9/27/2018 | 13.4 | 1.42 | 11.9 | 15.7 | 362.7 | 254.7 | NA | NA | NA | NA | NA | NA |
| 9/28/2018 | 14.4 | 0.76 | 13.2 | 15.3 | 377.1 | 265.1 | NA | NA | NA | NA | NA | NA |
| 9/29/2018 | 14.7 | 0.98 | 12.4 | 15.7 | 391.7 | 275.7 | NA | NA | NA | NA | NA | NA |
| 9/30/2018 | 12.2 | 0.69 | 11.6 | 13.7 | 404.0 | 284.0 | NA | NA | NA | NA | NA | NA |

October

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/1/2018 | 12.3 | 0.58 | 11.8 | 13.7 | 12.3 | 8.3 | NA | NA | NA | NA | NA | NA |
| 10/2/2018 | 13.1 | 0.64 | 12.4 | 14.3 | 25.3 | 17.3 | NA | NA | NA | NA | NA | NA |
| 10/3/2018 | 13.2 | 0.33 | 12.8 | 13.8 | 38.5 | 26.5 | NA | NA | NA | NA | NA | NA |
| 10/4/2018 | 13.6 | 0.32 | 13.1 | 14.2 | 52.1 | 36.1 | NA | NA | NA | NA | NA | NA |
| 10/5/2018 | 13.8 | 1.99 | 8.4 | 15.3 | 65.9 | 45.9 | NA | NA | NA | NA | NA | NA |
| 10/6/2018 | 8.4 | 0.60 | 7.9 | 9.9 | 74.3 | 50.3 | NA | NA | NA | NA | NA | NA |
| 10/7/2018 | 9.2 | 0.95 | 8.5 | 11.3 | 83.5 | 55.5 | NA | NA | NA | NA | NA | NA |
| 10/8/2018 | 10.2 | 0.94 | 9.0 | 11.9 | 93.7 | 61.7 | NA | NA | NA | NA | NA | NA |
| 10/9/2018 | 10.9 | 0.56 | 9.9 | 11.8 | 104.5 | 68.5 | NA | NA | NA | NA | NA | NA |
| 10/10/2018 | 12.5 | 0.98 | 11.0 | 13.7 | 117.0 | 77.0 | NA | NA | NA | NA | NA | NA |
| 10/11/2018 | 11.5 | 0.42 | 11.0 | 12.4 | 128.6 | 84.6 | NA | NA | NA | NA | NA | NA |
| 10/12/2018 | 12.0 | 0.23 | 11.6 | 12.3 | 140.5 | 92.5 | NA | NA | NA | NA | NA | NA |
| 10/13/2018 | 13.0 | 0.23 | 12.5 | 13.3 | 153.5 | 101.5 | NA | NA | NA | NA | NA | NA |
| 10/14/2018 | 12.7 | 0.18 | 12.5 | 13.0 | 166.3 | 110.3 | NA | NA | NA | NA | NA | NA |
| 10/15/2018 | 12.4 | 0.14 | 12.1 | 12.6 | 178.7 | 118.7 | NA | NA | NA | NA | NA | NA |
| 10/16/2018 | 12.4 | 0.28 | 11.8 | 12.6 | 191.1 | 127.1 | NA | NA | NA | NA | NA | NA |



Daily mean temperature for Port Hood, N.S., 2018.

Prim Reef, P.E.I.

2018

April

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 4/29/2018 | 1.5 | 0.36 | 1.1 | 2.2 | 1.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/30/2018 | 1.6 | 0.35 | 1.0 | 2.2 | 3.2 | 0.0 | NA | NA | NA | NA | NA | NA |

May

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 5/1/2018 | 2.1 | 0.24 | 1.7 | 2.5 | 2.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/2/2018 | 2.0 | 0.34 | 1.5 | 2.7 | 4.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/3/2018 | 1.7 | 0.30 | 1.3 | 2.3 | 5.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/4/2018 | 2.0 | 0.39 | 1.4 | 2.5 | 7.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/5/2018 | 2.3 | 0.50 | 1.5 | 2.9 | 10.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/6/2018 | 2.0 | 0.34 | 1.7 | 2.9 | 12.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/7/2018 | 1.7 | 0.17 | 1.6 | 2.1 | 13.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/8/2018 | 2.1 | 0.45 | 1.5 | 3.0 | 15.9 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/9/2018 | 1.8 | 0.49 | 1.5 | 3.1 | 17.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/10/2018 | 2.3 | 0.70 | 1.6 | 3.9 | 20.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/11/2018 | 2.8 | 0.59 | 2.1 | 4.3 | 22.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/12/2018 | 2.0 | 0.25 | 1.8 | 2.5 | 24.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/13/2018 | 2.1 | 0.16 | 1.9 | 2.4 | 26.9 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/14/2018 | 2.9 | 0.47 | 2.2 | 3.5 | 29.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/15/2018 | 3.0 | 0.57 | 2.3 | 4.3 | 32.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/16/2018 | 3.0 | 0.52 | 2.4 | 4.0 | 35.9 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/17/2018 | 4.5 | 0.34 | 3.8 | 5.0 | 40.4 | 0.5 | NA | NA | NA | NA | NA | NA |
| 5/18/2018 | 4.0 | 0.38 | 3.6 | 4.8 | 44.4 | 0.5 | NA | NA | NA | NA | NA | NA |
| 5/19/2018 | 4.2 | 0.55 | 3.4 | 5.3 | 48.6 | 0.7 | NA | NA | NA | NA | NA | NA |
| 5/20/2018 | 4.2 | 0.51 | 3.4 | 4.9 | 52.7 | 0.9 | NA | NA | NA | NA | NA | NA |
| 5/21/2018 | 3.8 | 0.35 | 3.4 | 4.4 | 56.5 | 0.9 | NA | NA | NA | NA | NA | NA |
| 5/22/2018 | 3.8 | 0.35 | 3.3 | 4.6 | 60.4 | 0.9 | NA | NA | NA | NA | NA | NA |
| 5/23/2018 | 3.8 | 0.39 | 3.4 | 4.9 | 64.1 | 0.9 | NA | NA | NA | NA | NA | NA |
| 5/24/2018 | 3.6 | 0.14 | 3.4 | 3.8 | 67.7 | 0.9 | NA | NA | NA | NA | NA | NA |
| 5/25/2018 | 3.8 | 0.27 | 3.6 | 4.5 | 71.6 | 0.9 | NA | NA | NA | NA | NA | NA |
| 5/26/2018 | 3.6 | 0.12 | 3.5 | 3.8 | 75.2 | 0.9 | NA | NA | NA | NA | NA | NA |
| 5/27/2018 | 3.9 | 0.12 | 3.7 | 4.0 | 79.1 | 0.9 | NA | NA | NA | NA | NA | NA |
| 5/28/2018 | 5.0 | 0.49 | 4.3 | 6.2 | 84.1 | 1.9 | NA | NA | NA | NA | NA | NA |
| 5/29/2018 | 4.8 | 0.23 | 4.5 | 5.2 | 88.8 | 2.6 | NA | NA | NA | NA | NA | NA |
| 5/30/2018 | 4.6 | 0.13 | 4.3 | 4.8 | 93.4 | 3.2 | NA | NA | NA | NA | NA | NA |
| 5/31/2018 | 5.0 | 0.28 | 4.5 | 5.5 | 98.4 | 4.2 | NA | NA | NA | NA | NA | NA |

June

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/1/2018 | 5.1 | 0.38 | 4.6 | 6.1 | 5.1 | 1.1 | NA | NA | NA | NA | NA | NA |
| 6/2/2018 | 5.0 | 0.19 | 4.7 | 5.3 | 10.0 | 2.0 | NA | NA | NA | NA | NA | NA |
| 6/3/2018 | 5.5 | 0.21 | 5.3 | 6.1 | 15.6 | 3.6 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/4/2018 | 6.0 | 0.16 | 5.7 | 6.2 | 21.5 | 5.5 | NA | NA | NA | NA | NA | NA |
| 6/5/2018 | 6.1 | 0.39 | 5.5 | 6.6 | 27.6 | 7.6 | NA | NA | NA | NA | NA | NA |
| 6/6/2018 | 5.8 | 0.16 | 5.4 | 5.9 | 33.4 | 9.4 | NA | NA | NA | NA | NA | NA |
| 6/7/2018 | 5.8 | 0.19 | 5.6 | 6.1 | 39.1 | 11.1 | NA | NA | NA | NA | NA | NA |
| 6/8/2018 | 6.1 | 0.46 | 5.7 | 7.2 | 45.2 | 13.2 | NA | NA | NA | NA | NA | NA |
| 6/9/2018 | 5.9 | 0.17 | 5.7 | 6.3 | 51.2 | 15.2 | NA | NA | NA | NA | NA | NA |
| 6/10/2018 | 5.9 | 0.08 | 5.8 | 6.0 | 57.1 | 17.1 | NA | NA | NA | NA | NA | NA |
| 6/11/2018 | 6.2 | 0.24 | 5.9 | 6.8 | 63.3 | 19.3 | NA | NA | NA | NA | NA | NA |
| 6/12/2018 | 6.5 | 0.15 | 6.2 | 6.8 | 69.8 | 21.8 | NA | NA | NA | NA | NA | NA |
| 6/13/2018 | 7.4 | 0.82 | 6.4 | 8.8 | 77.3 | 25.3 | NA | NA | NA | NA | NA | NA |
| 6/14/2018 | 7.3 | 0.23 | 6.7 | 7.6 | 84.6 | 28.6 | NA | NA | NA | NA | NA | NA |
| 6/15/2018 | 7.8 | 0.19 | 7.4 | 8.1 | 92.3 | 32.3 | NA | NA | NA | NA | NA | NA |
| 6/16/2018 | 8.0 | 0.19 | 7.6 | 8.3 | 100.3 | 36.3 | NA | NA | NA | NA | NA | NA |
| 6/17/2018 | 8.2 | 0.38 | 7.9 | 8.9 | 108.5 | 40.5 | NA | NA | NA | NA | NA | NA |
| 6/18/2018 | 8.9 | 0.50 | 8.1 | 9.7 | 117.5 | 45.5 | NA | NA | NA | NA | NA | NA |
| 6/19/2018 | 8.7 | 0.24 | 8.2 | 9.1 | 126.2 | 50.2 | NA | NA | NA | NA | NA | NA |
| 6/20/2018 | 8.7 | 0.29 | 8.3 | 9.3 | 134.9 | 54.9 | NA | NA | NA | NA | NA | NA |
| 6/21/2018 | 8.6 | 0.26 | 8.3 | 9.2 | 143.5 | 59.5 | NA | NA | NA | NA | NA | NA |
| 6/22/2018 | 8.7 | 0.23 | 8.4 | 9.3 | 152.2 | 64.2 | NA | NA | NA | NA | NA | NA |
| 6/23/2018 | 9.1 | 0.49 | 8.7 | 10.5 | 161.4 | 69.4 | NA | NA | NA | NA | NA | NA |
| 6/24/2018 | 9.0 | 0.19 | 8.8 | 9.5 | 170.4 | 74.4 | NA | NA | NA | NA | NA | NA |
| 6/25/2018 | 9.0 | 0.17 | 8.8 | 9.4 | 179.4 | 79.4 | NA | NA | NA | NA | NA | NA |
| 6/26/2018 | 9.3 | 0.17 | 9.2 | 9.6 | 188.8 | 84.8 | NA | NA | NA | NA | NA | NA |
| 6/27/2018 | 9.7 | 0.21 | 9.3 | 10.0 | 198.4 | 90.4 | NA | NA | NA | NA | NA | NA |
| 6/28/2018 | 9.8 | 0.39 | 9.3 | 10.4 | 208.2 | 96.2 | NA | NA | NA | NA | NA | NA |
| 6/29/2018 | 10.3 | 0.58 | 9.4 | 11.4 | 218.5 | 102.5 | NA | NA | NA | NA | NA | NA |
| 6/30/2018 | 10.2 | 0.28 | 9.7 | 10.6 | 228.6 | 108.6 | NA | NA | NA | NA | NA | NA |

July

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/1/2018 | 10.6 | 0.47 | 9.9 | 11.6 | 10.6 | 6.6 | NA | NA | NA | NA | NA | NA |
| 7/2/2018 | 10.7 | 0.40 | 10.1 | 11.2 | 21.2 | 13.2 | NA | NA | NA | NA | NA | NA |
| 7/3/2018 | 10.6 | 0.33 | 10.2 | 11.4 | 31.9 | 19.9 | NA | NA | NA | NA | NA | NA |
| 7/4/2018 | 10.5 | 0.27 | 10.3 | 11.3 | 42.4 | 26.4 | NA | NA | NA | NA | NA | NA |
| 7/5/2018 | 10.7 | 0.31 | 10.3 | 11.5 | 53.1 | 33.1 | NA | NA | NA | NA | NA | NA |
| 7/6/2018 | 11.0 | 0.39 | 10.6 | 11.7 | 64.1 | 40.1 | NA | NA | NA | NA | NA | NA |
| 7/7/2018 | 10.7 | 0.31 | 10.4 | 11.6 | 74.8 | 46.8 | NA | NA | NA | NA | NA | NA |
| 7/8/2018 | 10.6 | 0.09 | 10.4 | 10.7 | 85.3 | 53.3 | NA | NA | NA | NA | NA | NA |
| 7/9/2018 | 10.6 | 0.13 | 10.4 | 10.8 | 96.0 | 60.0 | NA | NA | NA | NA | NA | NA |
| 7/10/2018 | 10.9 | 0.19 | 10.7 | 11.2 | 106.8 | 66.8 | NA | NA | NA | NA | NA | NA |
| 7/11/2018 | 11.2 | 0.25 | 10.9 | 11.8 | 118.0 | 74.0 | NA | NA | NA | NA | NA | NA |
| 7/12/2018 | 11.6 | 0.41 | 11.1 | 12.6 | 129.5 | 81.5 | NA | NA | NA | NA | NA | NA |
| 7/13/2018 | 12.2 | 0.49 | 11.5 | 13.0 | 141.7 | 89.7 | NA | NA | NA | NA | NA | NA |
| 7/14/2018 | 12.8 | 0.55 | 11.9 | 13.5 | 154.5 | 98.5 | NA | NA | NA | NA | NA | NA |
| 7/15/2018 | 13.4 | 0.68 | 12.6 | 14.9 | 168.0 | 108.0 | NA | NA | NA | NA | NA | NA |
| 7/16/2018 | 13.7 | 0.45 | 13.1 | 14.6 | 181.7 | 117.7 | NA | NA | NA | NA | NA | NA |
| 7/17/2018 | 14.3 | 0.59 | 13.6 | 15.4 | 196.0 | 128.0 | NA | NA | NA | NA | NA | NA |
| 7/18/2018 | 15.0 | 0.71 | 14.1 | 16.0 | 211.0 | 139.0 | NA | NA | NA | NA | NA | NA |
| 7/19/2018 | 15.0 | 0.44 | 14.4 | 15.7 | 226.0 | 150.0 | NA | NA | NA | NA | NA | NA |
| 7/20/2018 | 15.3 | 0.51 | 14.7 | 16.2 | 241.3 | 161.3 | NA | NA | NA | NA | NA | NA |
| 7/21/2018 | 15.8 | 0.66 | 14.9 | 17.3 | 257.1 | 173.1 | NA | NA | NA | NA | NA | NA |
| 7/22/2018 | 16.2 | 0.75 | 15.1 | 17.4 | 273.3 | 185.3 | NA | NA | NA | NA | NA | NA |
| 7/23/2018 | 15.7 | 0.55 | 15.0 | 16.9 | 289.1 | 197.1 | NA | NA | NA | NA | NA | NA |
| 7/24/2018 | 15.5 | 0.57 | 14.5 | 16.5 | 304.6 | 208.6 | NA | NA | NA | NA | NA | NA |
| 7/25/2018 | 15.1 | 0.56 | 14.1 | 16.1 | 319.7 | 219.7 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/26/2018 | 15.2 | 1.07 | 14.0 | 17.2 | 334.9 | 230.9 | NA | NA | NA | NA | NA | NA |
| 7/27/2018 | 14.3 | 0.37 | 13.6 | 15.0 | 349.2 | 241.2 | NA | NA | NA | NA | NA | NA |
| 7/28/2018 | 14.2 | 0.40 | 13.5 | 14.9 | 363.4 | 251.4 | NA | NA | NA | NA | NA | NA |
| 7/29/2018 | 13.8 | 0.29 | 13.2 | 14.4 | 377.2 | 261.2 | NA | NA | NA | NA | NA | NA |
| 7/30/2018 | 13.1 | 0.29 | 12.6 | 13.5 | 390.3 | 270.3 | NA | NA | NA | NA | NA | NA |
| 7/31/2018 | 12.5 | 0.26 | 12.2 | 13.2 | 402.9 | 278.9 | NA | NA | NA | NA | NA | NA |

August

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/1/2018 | 12.6 | 0.36 | 11.9 | 13.1 | 12.6 | 8.6 | NA | NA | NA | NA | NA | NA |
| 8/2/2018 | 12.9 | 0.54 | 11.9 | 13.9 | 25.5 | 17.5 | NA | NA | NA | NA | NA | NA |
| 8/3/2018 | 13.1 | 0.32 | 12.7 | 13.7 | 38.6 | 26.6 | NA | NA | NA | NA | NA | NA |
| 8/4/2018 | 13.3 | 0.25 | 12.9 | 13.6 | 51.9 | 35.9 | NA | NA | NA | NA | NA | NA |
| 8/5/2018 | 13.4 | 0.36 | 13.1 | 14.4 | 65.3 | 45.3 | NA | NA | NA | NA | NA | NA |
| 8/6/2018 | 13.6 | 0.36 | 13.1 | 14.2 | 78.9 | 54.9 | NA | NA | NA | NA | NA | NA |
| 8/7/2018 | 14.6 | 0.78 | 13.7 | 16.1 | 93.5 | 65.5 | NA | NA | NA | NA | NA | NA |
| 8/8/2018 | 15.0 | 0.81 | 14.0 | 16.4 | 108.6 | 76.6 | NA | NA | NA | NA | NA | NA |
| 8/9/2018 | 15.2 | 1.12 | 14.1 | 18.2 | 123.8 | 87.8 | NA | NA | NA | NA | NA | NA |
| 8/10/2018 | 15.4 | 1.01 | 14.2 | 17.6 | 139.1 | 99.1 | NA | NA | NA | NA | NA | NA |
| 8/11/2018 | 14.7 | 0.48 | 13.8 | 15.4 | 153.8 | 109.8 | NA | NA | NA | NA | NA | NA |
| 8/12/2018 | 14.6 | 0.58 | 13.9 | 15.4 | 168.5 | 120.5 | NA | NA | NA | NA | NA | NA |
| 8/13/2018 | 14.5 | 0.63 | 13.6 | 15.3 | 183.0 | 131.0 | NA | NA | NA | NA | NA | NA |
| 8/14/2018 | 14.5 | 0.58 | 13.6 | 15.6 | 197.5 | 141.5 | NA | NA | NA | NA | NA | NA |
| 8/15/2018 | 14.6 | 0.55 | 13.8 | 15.3 | 212.1 | 152.1 | NA | NA | NA | NA | NA | NA |
| 8/16/2018 | 14.5 | 0.32 | 14.1 | 15.2 | 226.6 | 162.6 | NA | NA | NA | NA | NA | NA |
| 8/17/2018 | 14.5 | 0.22 | 14.2 | 14.9 | 241.1 | 173.1 | NA | NA | NA | NA | NA | NA |
| 8/18/2018 | 15.1 | 0.45 | 14.4 | 15.8 | 256.2 | 184.2 | NA | NA | NA | NA | NA | NA |
| 8/19/2018 | 15.5 | 0.46 | 14.8 | 16.3 | 271.7 | 195.7 | NA | NA | NA | NA | NA | NA |
| 8/20/2018 | 16.3 | 0.64 | 15.6 | 17.7 | 288.0 | 208.0 | NA | NA | NA | NA | NA | NA |
| 8/21/2018 | 18.6 | 0.57 | 17.3 | 19.3 | 306.6 | 222.6 | NA | NA | NA | NA | NA | NA |
| 8/22/2018 | 18.7 | 0.90 | 16.8 | 19.5 | 325.3 | 237.3 | NA | NA | NA | NA | NA | NA |
| 8/23/2018 | 17.7 | 1.49 | 15.6 | 19.7 | 343.0 | 251.0 | NA | NA | NA | NA | NA | NA |
| 8/24/2018 | 15.1 | 0.61 | 14.1 | 16.2 | 358.1 | 262.1 | NA | NA | NA | NA | NA | NA |
| 8/25/2018 | 14.3 | 0.35 | 13.8 | 15.0 | 372.4 | 272.4 | NA | NA | NA | NA | NA | NA |
| 8/26/2018 | 13.9 | 0.44 | 12.8 | 14.7 | 386.3 | 282.3 | NA | NA | NA | NA | NA | NA |
| 8/27/2018 | 13.5 | 0.85 | 11.7 | 14.6 | 399.8 | 291.8 | NA | NA | NA | NA | NA | NA |
| 8/28/2018 | 12.2 | 0.60 | 11.2 | 13.1 | 412.0 | 300.0 | NA | NA | NA | NA | NA | NA |
| 8/29/2018 | 11.3 | 0.52 | 10.7 | 12.5 | 423.2 | 307.2 | NA | NA | NA | NA | NA | NA |
| 8/30/2018 | 11.6 | 0.51 | 10.7 | 12.2 | 434.8 | 314.8 | NA | NA | NA | NA | NA | NA |
| 8/31/2018 | 11.7 | 0.27 | 11.2 | 12.2 | 446.5 | 322.5 | NA | NA | NA | NA | NA | NA |

September

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/1/2018 | 12.9 | 0.58 | 11.9 | 13.6 | 12.9 | 8.9 | NA | NA | NA | NA | NA | NA |
| 9/2/2018 | 15.4 | 0.58 | 14.4 | 16.2 | 28.3 | 20.3 | NA | NA | NA | NA | NA | NA |
| 9/3/2018 | 16.1 | 0.54 | 15.2 | 16.7 | 44.4 | 32.4 | NA | NA | NA | NA | NA | NA |
| 9/4/2018 | 15.7 | 1.25 | 13.4 | 17.1 | 60.1 | 44.1 | NA | NA | NA | NA | NA | NA |
| 9/5/2018 | 13.7 | 1.10 | 12.4 | 15.6 | 73.8 | 53.8 | NA | NA | NA | NA | NA | NA |
| 9/6/2018 | 14.0 | 1.90 | 11.8 | 17.4 | 87.8 | 63.8 | NA | NA | NA | NA | NA | NA |
| 9/7/2018 | 12.7 | 0.58 | 11.6 | 13.7 | 100.5 | 72.5 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/8/2018 | 12.5 | 0.49 | 11.7 | 13.4 | 113.0 | 81.0 | NA | NA | NA | NA | NA | NA |
| 9/9/2018 | 12.6 | 0.35 | 12.0 | 13.0 | 125.5 | 89.5 | NA | NA | NA | NA | NA | NA |
| 9/10/2018 | 13.4 | 0.46 | 12.7 | 14.2 | 138.9 | 98.9 | NA | NA | NA | NA | NA | NA |
| 9/11/2018 | 14.7 | 0.55 | 13.7 | 15.4 | 153.6 | 109.6 | NA | NA | NA | NA | NA | NA |
| 9/12/2018 | 15.9 | 0.22 | 15.4 | 16.2 | 169.5 | 121.5 | NA | NA | NA | NA | NA | NA |
| 9/13/2018 | 15.9 | 0.25 | 15.4 | 16.2 | 185.3 | 133.3 | NA | NA | NA | NA | NA | NA |
| 9/14/2018 | 16.1 | 0.29 | 15.6 | 16.5 | 201.4 | 145.4 | NA | NA | NA | NA | NA | NA |
| 9/15/2018 | 16.4 | 0.33 | 15.8 | 16.7 | 217.8 | 157.8 | NA | NA | NA | NA | NA | NA |
| 9/16/2018 | 16.6 | 0.44 | 15.8 | 17.0 | 234.3 | 170.3 | NA | NA | NA | NA | NA | NA |
| 9/17/2018 | 16.3 | 0.51 | 15.4 | 17.0 | 250.6 | 182.6 | NA | NA | NA | NA | NA | NA |
| 9/18/2018 | 16.4 | 0.68 | 15.4 | 17.3 | 267.0 | 195.0 | NA | NA | NA | NA | NA | NA |
| 9/19/2018 | 15.6 | 0.46 | 14.7 | 16.1 | 282.6 | 206.6 | NA | NA | NA | NA | NA | NA |
| 9/20/2018 | 15.5 | 0.44 | 14.7 | 15.9 | 298.1 | 218.1 | NA | NA | NA | NA | NA | NA |
| 9/21/2018 | 15.6 | 0.29 | 15.1 | 16.1 | 313.6 | 229.6 | NA | NA | NA | NA | NA | NA |
| 9/22/2018 | 16.2 | 0.06 | 16.1 | 16.3 | 329.8 | 241.8 | NA | NA | NA | NA | NA | NA |
| 9/23/2018 | 16.2 | 0.14 | 15.8 | 16.4 | 346.1 | 254.1 | NA | NA | NA | NA | NA | NA |
| 9/24/2018 | 16.1 | 0.09 | 15.9 | 16.2 | 362.2 | 266.2 | NA | NA | NA | NA | NA | NA |
| 9/25/2018 | 15.9 | 0.05 | 15.8 | 16.0 | 378.1 | 278.1 | NA | NA | NA | NA | NA | NA |
| 9/26/2018 | 15.7 | 0.09 | 15.5 | 15.8 | 393.7 | 289.7 | NA | NA | NA | NA | NA | NA |
| 9/27/2018 | 15.7 | 0.07 | 15.6 | 15.8 | 409.4 | 301.4 | NA | NA | NA | NA | NA | NA |
| 9/28/2018 | 15.5 | 0.08 | 15.3 | 15.6 | 424.9 | 312.9 | NA | NA | NA | NA | NA | NA |
| 9/29/2018 | 15.0 | 0.53 | 14.2 | 15.5 | 439.9 | 323.9 | NA | NA | NA | NA | NA | NA |
| 9/30/2018 | 13.8 | 0.79 | 12.8 | 15.3 | 453.8 | 333.8 | NA | NA | NA | NA | NA | NA |

October

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/1/2018 | 13.8 | 0.90 | 12.6 | 15.2 | 13.8 | 9.8 | NA | NA | NA | NA | NA | NA |
| 10/2/2018 | 13.1 | 0.52 | 12.3 | 13.9 | 26.9 | 18.9 | NA | NA | NA | NA | NA | NA |
| 10/3/2018 | 13.9 | 0.19 | 13.4 | 14.2 | 40.8 | 28.8 | NA | NA | NA | NA | NA | NA |
| 10/4/2018 | 13.6 | 0.36 | 12.9 | 14.0 | 54.4 | 38.4 | NA | NA | NA | NA | NA | NA |
| 10/5/2018 | 13.2 | 0.38 | 12.7 | 13.8 | 67.7 | 47.7 | NA | NA | NA | NA | NA | NA |
| 10/6/2018 | 13.1 | 0.16 | 12.9 | 13.3 | 80.8 | 56.8 | NA | NA | NA | NA | NA | NA |
| 10/7/2018 | 13.2 | 0.20 | 12.8 | 13.5 | 94.0 | 66.0 | NA | NA | NA | NA | NA | NA |
| 10/8/2018 | 13.1 | 0.22 | 12.9 | 13.5 | 107.2 | 75.2 | NA | NA | NA | NA | NA | NA |
| 10/9/2018 | 13.3 | 0.27 | 12.9 | 13.6 | 120.4 | 84.4 | NA | NA | NA | NA | NA | NA |
| 10/10/2018 | 13.2 | 0.39 | 12.8 | 13.9 | 133.7 | 93.7 | NA | NA | NA | NA | NA | NA |
| 10/11/2018 | 13.1 | 0.26 | 12.7 | 13.7 | 146.8 | 102.8 | NA | NA | NA | NA | NA | NA |
| 10/12/2018 | 12.7 | 0.28 | 12.3 | 13.1 | 159.5 | 111.5 | NA | NA | NA | NA | NA | NA |
| 10/13/2018 | 12.5 | 0.29 | 12.1 | 13.0 | 172.0 | 120.0 | NA | NA | NA | NA | NA | NA |
| 10/14/2018 | 12.4 | 0.22 | 11.9 | 12.6 | 184.4 | 128.4 | NA | NA | NA | NA | NA | NA |
| 10/15/2018 | 12.5 | 0.11 | 12.3 | 12.7 | 196.8 | 136.8 | NA | NA | NA | NA | NA | NA |
| 10/16/2018 | 12.5 | 0.22 | 12.1 | 12.8 | 209.4 | 145.4 | NA | NA | NA | NA | NA | NA |
| 10/17/2018 | 11.9 | 0.27 | 11.6 | 12.5 | 221.3 | 153.3 | NA | NA | NA | NA | NA | NA |
| 10/18/2018 | 12.0 | 0.35 | 11.4 | 12.3 | 233.2 | 161.2 | NA | NA | NA | NA | NA | NA |
| 10/19/2018 | 11.1 | 0.38 | 10.8 | 11.9 | 244.3 | 168.3 | NA | NA | NA | NA | NA | NA |
| 10/20/2018 | 10.2 | 0.21 | 9.9 | 10.5 | 254.5 | 174.5 | NA | NA | NA | NA | NA | NA |
| 10/21/2018 | 9.9 | 0.31 | 9.4 | 10.4 | 264.5 | 180.5 | NA | NA | NA | NA | NA | NA |
| 10/22/2018 | 10.2 | 0.24 | 9.8 | 10.6 | 274.7 | 186.7 | NA | NA | NA | NA | NA | NA |
| 10/23/2018 | 9.5 | 0.69 | 8.6 | 10.6 | 284.2 | 192.2 | NA | NA | NA | NA | NA | NA |
| 10/24/2018 | 9.5 | 0.17 | 9.2 | 9.8 | 293.7 | 197.7 | NA | NA | NA | NA | NA | NA |
| 10/25/2018 | 9.6 | 0.32 | 9.1 | 10.1 | 303.4 | 203.4 | NA | NA | NA | NA | NA | NA |
| 10/26/2018 | 9.3 | 0.27 | 8.9 | 9.7 | 312.7 | 208.7 | NA | NA | NA | NA | NA | NA |
| 10/27/2018 | 8.9 | 0.40 | 8.2 | 9.5 | 321.5 | 213.5 | NA | NA | NA | NA | NA | NA |
| 10/28/2018 | 8.1 | 0.31 | 7.7 | 8.7 | 329.6 | 217.6 | NA | NA | NA | NA | NA | NA |
| 10/29/2018 | 8.0 | 0.26 | 7.7 | 8.5 | 337.7 | 221.7 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/30/2018 | 8.2 | 0.11 | 8.0 | 8.4 | 345.9 | 225.9 | NA | NA | NA | NA | NA | NA |
| 10/31/2018 | 8.3 | 0.06 | 8.2 | 8.4 | 354.2 | 230.2 | NA | NA | NA | NA | NA | NA |

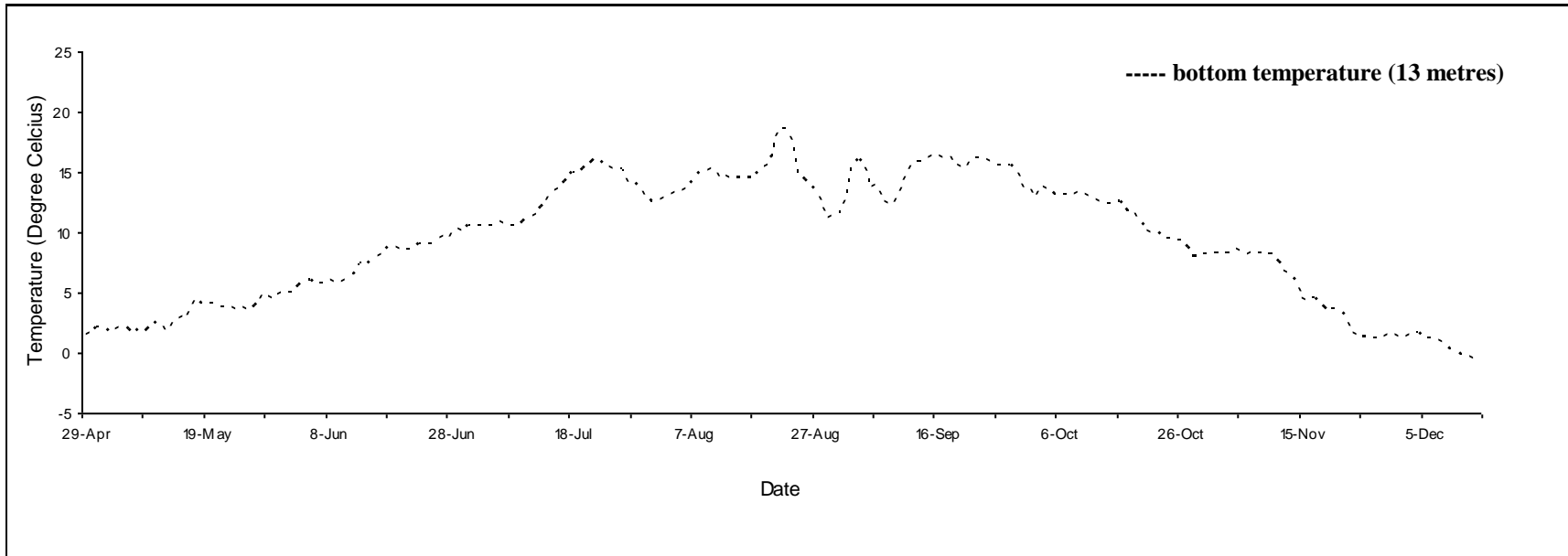
November

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 11/1/2018 | 8.3 | 0.04 | 8.3 | 8.4 | 8.3 | 4.3 | NA | NA | NA | NA | NA | NA |
| 11/2/2018 | 8.4 | 0.07 | 8.3 | 8.6 | 16.8 | 8.8 | NA | NA | NA | NA | NA | NA |
| 11/3/2018 | 8.4 | 0.09 | 8.3 | 8.6 | 25.2 | 13.2 | NA | NA | NA | NA | NA | NA |
| 11/4/2018 | 8.6 | 0.26 | 8.1 | 8.9 | 33.7 | 17.7 | NA | NA | NA | NA | NA | NA |
| 11/5/2018 | 8.3 | 0.18 | 8.2 | 8.6 | 42.1 | 22.1 | NA | NA | NA | NA | NA | NA |
| 11/6/2018 | 8.3 | 0.11 | 8.1 | 8.4 | 50.3 | 26.3 | NA | NA | NA | NA | NA | NA |
| 11/7/2018 | 8.3 | 0.11 | 8.1 | 8.5 | 58.7 | 30.7 | NA | NA | NA | NA | NA | NA |
| 11/8/2018 | 8.4 | 0.06 | 8.3 | 8.4 | 67.0 | 35.0 | NA | NA | NA | NA | NA | NA |
| 11/9/2018 | 8.3 | 0.06 | 8.2 | 8.4 | 75.3 | 39.3 | NA | NA | NA | NA | NA | NA |
| 11/10/2018 | 8.1 | 0.09 | 8.0 | 8.3 | 83.5 | 43.5 | NA | NA | NA | NA | NA | NA |
| 11/11/2018 | 7.6 | 0.30 | 7.3 | 8.1 | 91.1 | 47.1 | NA | NA | NA | NA | NA | NA |
| 11/12/2018 | 6.8 | 0.30 | 6.4 | 7.3 | 97.9 | 49.9 | NA | NA | NA | NA | NA | NA |
| 11/13/2018 | 6.5 | 0.31 | 5.8 | 6.8 | 104.4 | 52.4 | NA | NA | NA | NA | NA | NA |
| 11/14/2018 | 5.9 | 0.29 | 5.4 | 6.3 | 110.3 | 54.3 | NA | NA | NA | NA | NA | NA |
| 11/15/2018 | 4.5 | 0.46 | 3.9 | 5.3 | 114.9 | 54.9 | NA | NA | NA | NA | NA | NA |
| 11/16/2018 | 4.4 | 0.32 | 3.9 | 4.9 | 119.3 | 55.3 | NA | NA | NA | NA | NA | NA |
| 11/17/2018 | 4.6 | 0.31 | 3.9 | 4.9 | 123.9 | 55.9 | NA | NA | NA | NA | NA | NA |
| 11/18/2018 | 3.9 | 0.60 | 3.3 | 4.7 | 127.8 | 55.9 | NA | NA | NA | NA | NA | NA |
| 11/19/2018 | 3.5 | 0.15 | 3.3 | 3.8 | 131.3 | 55.9 | NA | NA | NA | NA | NA | NA |
| 11/20/2018 | 3.6 | 0.26 | 3.2 | 3.9 | 134.9 | 55.9 | NA | NA | NA | NA | NA | NA |
| 11/21/2018 | 3.6 | 0.17 | 3.3 | 3.8 | 138.4 | 55.9 | NA | NA | NA | NA | NA | NA |
| 11/22/2018 | 3.1 | 0.31 | 2.3 | 3.4 | 141.5 | 55.9 | NA | NA | NA | NA | NA | NA |
| 11/23/2018 | 2.0 | 0.41 | 1.3 | 2.4 | 143.5 | 55.9 | NA | NA | NA | NA | NA | NA |
| 11/24/2018 | 1.2 | 0.56 | 0.3 | 2.3 | 144.6 | 55.9 | NA | NA | NA | NA | NA | NA |
| 11/25/2018 | 1.3 | 0.18 | 1.0 | 1.7 | 145.9 | 55.9 | NA | NA | NA | NA | NA | NA |
| 11/26/2018 | 1.4 | 0.27 | 0.9 | 1.9 | 147.3 | 55.9 | NA | NA | NA | NA | NA | NA |
| 11/27/2018 | 1.2 | 0.15 | 0.9 | 1.4 | 148.5 | 55.9 | NA | NA | NA | NA | NA | NA |
| 11/28/2018 | 1.4 | 0.26 | 1.0 | 1.7 | 149.9 | 55.9 | NA | NA | NA | NA | NA | NA |
| 11/29/2018 | 1.6 | 0.10 | 1.5 | 1.8 | 151.5 | 55.9 | NA | NA | NA | NA | NA | NA |
| 11/30/2018 | 1.5 | 0.13 | 1.4 | 1.8 | 153.0 | 55.9 | NA | NA | NA | NA | NA | NA |

December

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 12/1/2018 | 1.4 | 0.14 | 1.2 | 1.7 | 1.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/2/2018 | 1.4 | 0.12 | 1.2 | 1.6 | 2.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/3/2018 | 1.6 | 0.35 | 1.0 | 2.0 | 4.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/4/2018 | 1.7 | 0.20 | 1.3 | 1.9 | 6.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/5/2018 | 1.4 | 0.19 | 1.1 | 1.6 | 7.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/6/2018 | 1.3 | 0.18 | 1.1 | 1.6 | 8.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/7/2018 | 1.1 | 0.20 | 0.9 | 1.5 | 9.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/8/2018 | 0.8 | 0.21 | 0.6 | 1.3 | 10.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/9/2018 | 0.3 | 0.26 | -0.1 | 0.8 | 11.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/10/2018 | 0.1 | 0.20 | -0.2 | 0.5 | 11.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/11/2018 | -0.2 | 0.33 | -0.7 | 0.3 | 11.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/12/2018 | -0.1 | 0.19 | -0.4 | 0.1 | 11.1 | 0.0 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 12/13/2018 | -0.4 | 0.13 | -0.6 | -0.2 | 11.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/14/2018 | -0.8 | 0.40 | -1.3 | -0.3 | 11.1 | 0.0 | NA | NA | NA | NA | NA | NA |



Daily mean temperature for Prim Reef, P.E.I., 2018.

Pugwash, N.S.

2018

May

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 5/15/2018 | 2.6 | 0.10 | 2.4 | 2.8 | 2.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/16/2018 | 3.3 | 0.65 | 2.3 | 4.1 | 5.9 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/17/2018 | 3.4 | 0.55 | 2.5 | 4.0 | 9.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/18/2018 | 4.0 | 0.72 | 3.0 | 5.3 | 13.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/19/2018 | 4.9 | 0.37 | 4.4 | 5.7 | 18.2 | 1.0 | NA | NA | NA | NA | NA | NA |
| 5/20/2018 | 5.1 | 0.37 | 4.7 | 5.7 | 23.3 | 2.1 | NA | NA | NA | NA | NA | NA |
| 5/21/2018 | 4.9 | 0.19 | 4.6 | 5.2 | 28.3 | 3.0 | NA | NA | NA | NA | NA | NA |
| 5/22/2018 | 5.5 | 0.49 | 4.8 | 6.2 | 33.8 | 4.5 | NA | NA | NA | NA | NA | NA |
| 5/23/2018 | 5.9 | 0.84 | 5.1 | 7.7 | 39.7 | 6.4 | NA | NA | NA | NA | NA | NA |
| 5/24/2018 | 8.4 | 0.17 | 8.1 | 8.6 | 48.1 | 10.9 | NA | NA | NA | NA | NA | NA |
| 5/25/2018 | 8.4 | 0.14 | 8.1 | 8.6 | 56.5 | 15.3 | NA | NA | NA | NA | NA | NA |
| 5/26/2018 | 8.0 | 0.21 | 7.7 | 8.3 | 64.5 | 19.3 | NA | NA | NA | NA | NA | NA |
| 5/27/2018 | 8.6 | 0.33 | 8.1 | 9.1 | 73.2 | 23.9 | NA | NA | NA | NA | NA | NA |
| 5/28/2018 | 8.5 | 0.19 | 8.1 | 8.8 | 81.7 | 28.4 | NA | NA | NA | NA | NA | NA |
| 5/29/2018 | 7.8 | 0.40 | 7.4 | 8.6 | 89.5 | 32.2 | NA | NA | NA | NA | NA | NA |
| 5/30/2018 | 8.7 | 0.75 | 7.4 | 9.4 | 98.2 | 37.0 | NA | NA | NA | NA | NA | NA |
| 5/31/2018 | 8.9 | 0.22 | 8.6 | 9.4 | 107.1 | 41.9 | NA | NA | NA | NA | NA | NA |

June

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/1/2018 | 8.6 | 0.33 | 8.2 | 9.3 | 8.6 | 4.6 | NA | NA | NA | NA | NA | NA |
| 6/2/2018 | 9.1 | 1.51 | 7.2 | 11.0 | 17.7 | 9.7 | NA | NA | NA | NA | NA | NA |
| 6/3/2018 | 10.2 | 0.18 | 10.0 | 10.4 | 27.9 | 15.9 | NA | NA | NA | NA | NA | NA |
| 6/4/2018 | 10.4 | 0.16 | 10.2 | 10.8 | 38.3 | 22.3 | NA | NA | NA | NA | NA | NA |
| 6/5/2018 | 10.0 | 0.35 | 9.8 | 10.8 | 48.3 | 28.3 | NA | NA | NA | NA | NA | NA |
| 6/6/2018 | 9.9 | 0.39 | 9.3 | 10.4 | 58.2 | 34.2 | NA | NA | NA | NA | NA | NA |
| 6/7/2018 | 9.6 | 0.25 | 9.3 | 10.2 | 67.8 | 39.8 | NA | NA | NA | NA | NA | NA |
| 6/8/2018 | 9.0 | 0.46 | 8.3 | 10.1 | 76.8 | 44.8 | NA | NA | NA | NA | NA | NA |
| 6/9/2018 | 8.5 | 0.17 | 8.2 | 8.7 | 85.2 | 49.2 | NA | NA | NA | NA | NA | NA |
| 6/10/2018 | 9.5 | 0.84 | 8.5 | 10.8 | 94.8 | 54.8 | NA | NA | NA | NA | NA | NA |
| 6/11/2018 | 10.3 | 0.45 | 9.9 | 11.2 | 105.1 | 61.1 | NA | NA | NA | NA | NA | NA |
| 6/12/2018 | 9.8 | 0.15 | 9.5 | 10.0 | 114.9 | 66.9 | NA | NA | NA | NA | NA | NA |
| 6/13/2018 | 8.3 | 0.46 | 7.6 | 9.1 | 123.2 | 71.2 | NA | NA | NA | NA | NA | NA |
| 6/14/2018 | 8.4 | 1.24 | 7.1 | 10.6 | 131.6 | 75.6 | NA | NA | NA | NA | NA | NA |
| 6/15/2018 | 10.4 | 0.32 | 9.5 | 10.7 | 142.0 | 82.0 | NA | NA | NA | NA | NA | NA |
| 6/16/2018 | 10.6 | 0.16 | 10.5 | 10.9 | 152.6 | 88.6 | NA | NA | NA | NA | NA | NA |
| 6/17/2018 | 10.9 | 0.09 | 10.8 | 11.1 | 163.6 | 95.6 | NA | NA | NA | NA | NA | NA |
| 6/18/2018 | 10.4 | 0.49 | 9.4 | 10.9 | 174.0 | 102.0 | NA | NA | NA | NA | NA | NA |
| 6/19/2018 | 8.7 | 0.54 | 8.2 | 10.1 | 182.7 | 106.7 | NA | NA | NA | NA | NA | NA |
| 6/20/2018 | 10.0 | 0.40 | 9.3 | 10.5 | 192.7 | 112.7 | NA | NA | NA | NA | NA | NA |
| 6/21/2018 | 10.2 | 0.39 | 9.8 | 11.3 | 202.8 | 118.8 | NA | NA | NA | NA | NA | NA |
| 6/22/2018 | 10.2 | 0.30 | 9.7 | 10.6 | 213.0 | 125.0 | NA | NA | NA | NA | NA | NA |
| 6/23/2018 | 9.6 | 0.85 | 8.5 | 11.1 | 222.7 | 130.7 | NA | NA | NA | NA | NA | NA |
| 6/24/2018 | 8.4 | 0.20 | 8.1 | 8.8 | 231.0 | 135.0 | NA | NA | NA | NA | NA | NA |
| 6/25/2018 | 11.7 | 1.17 | 9.4 | 13.5 | 242.8 | 142.8 | NA | NA | NA | NA | NA | NA |
| 6/26/2018 | 13.4 | 0.08 | 13.3 | 13.5 | 256.1 | 152.1 | NA | NA | NA | NA | NA | NA |
| 6/27/2018 | 13.4 | 0.03 | 13.4 | 13.5 | 269.6 | 161.6 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/28/2018 | 11.1 | 1.11 | 9.5 | 13.2 | 280.6 | 168.6 | NA | NA | NA | NA | NA | NA |
| 6/29/2018 | 9.1 | 0.21 | 8.8 | 9.5 | 289.8 | 173.8 | NA | NA | NA | NA | NA | NA |
| 6/30/2018 | 9.3 | 0.15 | 9.1 | 9.7 | 299.1 | 179.1 | NA | NA | NA | NA | NA | NA |

July

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/1/2018 | 9.8 | 0.76 | 9.3 | 11.3 | 9.8 | 5.8 | NA | NA | NA | NA | NA | NA |
| 7/2/2018 | 10.8 | 0.85 | 9.6 | 12.9 | 20.6 | 12.6 | NA | NA | NA | NA | NA | NA |
| 7/3/2018 | 9.9 | 0.50 | 9.4 | 10.8 | 30.5 | 18.5 | NA | NA | NA | NA | NA | NA |
| 7/4/2018 | 9.4 | 0.08 | 9.4 | 9.6 | 40.0 | 24.0 | NA | NA | NA | NA | NA | NA |
| 7/5/2018 | 9.8 | 0.25 | 9.5 | 10.1 | 49.7 | 29.7 | NA | NA | NA | NA | NA | NA |
| 7/6/2018 | 9.7 | 0.16 | 9.5 | 10.0 | 59.4 | 35.4 | NA | NA | NA | NA | NA | NA |
| 7/7/2018 | 11.0 | 1.80 | 9.6 | 15.7 | 70.4 | 42.4 | NA | NA | NA | NA | NA | NA |
| 7/8/2018 | 10.5 | 0.32 | 10.0 | 10.9 | 80.9 | 48.9 | NA | NA | NA | NA | NA | NA |
| 7/9/2018 | 9.7 | 0.14 | 9.6 | 10.0 | 90.6 | 54.6 | NA | NA | NA | NA | NA | NA |
| 7/10/2018 | 9.9 | 0.06 | 9.8 | 10.0 | 100.5 | 60.5 | NA | NA | NA | NA | NA | NA |
| 7/11/2018 | 10.4 | 0.26 | 9.9 | 10.6 | 110.9 | 66.9 | NA | NA | NA | NA | NA | NA |
| 7/12/2018 | 12.3 | 1.37 | 10.6 | 14.1 | 123.1 | 75.1 | NA | NA | NA | NA | NA | NA |
| 7/13/2018 | 13.7 | 0.91 | 11.7 | 14.8 | 136.8 | 84.8 | NA | NA | NA | NA | NA | NA |
| 7/14/2018 | 13.2 | 0.46 | 12.5 | 13.9 | 150.0 | 94.0 | NA | NA | NA | NA | NA | NA |
| 7/15/2018 | 12.2 | 0.14 | 11.9 | 12.4 | 162.2 | 102.2 | NA | NA | NA | NA | NA | NA |
| 7/16/2018 | 12.2 | 0.20 | 11.9 | 12.6 | 174.4 | 110.4 | NA | NA | NA | NA | NA | NA |
| 7/17/2018 | 12.6 | 0.10 | 12.4 | 12.7 | 186.9 | 118.9 | NA | NA | NA | NA | NA | NA |
| 7/18/2018 | 12.6 | 0.21 | 12.4 | 13.1 | 199.5 | 127.5 | NA | NA | NA | NA | NA | NA |
| 7/19/2018 | 13.5 | 0.47 | 12.9 | 14.3 | 213.1 | 137.1 | NA | NA | NA | NA | NA | NA |
| 7/20/2018 | 14.1 | 0.11 | 13.9 | 14.3 | 227.2 | 147.2 | NA | NA | NA | NA | NA | NA |
| 7/21/2018 | 14.3 | 0.17 | 14.1 | 14.6 | 241.5 | 157.5 | NA | NA | NA | NA | NA | NA |
| 7/22/2018 | 14.4 | 0.29 | 13.8 | 14.7 | 255.8 | 167.8 | NA | NA | NA | NA | NA | NA |
| 7/23/2018 | 14.0 | 0.24 | 13.8 | 14.7 | 269.9 | 177.9 | NA | NA | NA | NA | NA | NA |
| 7/24/2018 | 13.5 | 0.43 | 12.9 | 14.1 | 283.4 | 187.4 | NA | NA | NA | NA | NA | NA |
| 7/25/2018 | 12.0 | 0.75 | 11.0 | 13.0 | 295.5 | 195.5 | NA | NA | NA | NA | NA | NA |
| 7/26/2018 | 11.2 | 0.19 | 10.9 | 11.5 | 306.7 | 202.7 | NA | NA | NA | NA | NA | NA |
| 7/27/2018 | 11.1 | 0.07 | 11.0 | 11.2 | 317.7 | 209.7 | NA | NA | NA | NA | NA | NA |
| 7/28/2018 | 11.3 | 0.06 | 11.2 | 11.4 | 329.1 | 217.1 | NA | NA | NA | NA | NA | NA |
| 7/29/2018 | 11.5 | 0.17 | 11.4 | 12.0 | 340.5 | 224.5 | NA | NA | NA | NA | NA | NA |
| 7/30/2018 | 11.5 | 0.14 | 11.4 | 11.8 | 352.0 | 232.0 | NA | NA | NA | NA | NA | NA |
| 7/31/2018 | 11.7 | 0.06 | 11.6 | 11.8 | 363.7 | 239.7 | NA | NA | NA | NA | NA | NA |

August

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/1/2018 | 12.4 | 0.16 | 12.1 | 12.7 | 12.4 | 8.4 | NA | NA | NA | NA | NA | NA |
| 8/2/2018 | 12.5 | 0.16 | 12.2 | 12.8 | 25.0 | 17.0 | NA | NA | NA | NA | NA | NA |
| 8/3/2018 | 12.0 | 0.04 | 11.9 | 12.1 | 37.0 | 25.0 | NA | NA | NA | NA | NA | NA |
| 8/4/2018 | 12.1 | 0.06 | 12.0 | 12.2 | 49.0 | 33.0 | NA | NA | NA | NA | NA | NA |
| 8/5/2018 | 12.2 | 0.08 | 12.1 | 12.4 | 61.3 | 41.3 | NA | NA | NA | NA | NA | NA |
| 8/6/2018 | 13.5 | 0.44 | 12.8 | 14.0 | 74.8 | 50.8 | NA | NA | NA | NA | NA | NA |
| 8/7/2018 | 13.5 | 0.11 | 13.4 | 13.8 | 88.3 | 60.3 | NA | NA | NA | NA | NA | NA |
| 8/8/2018 | 13.5 | 0.21 | 13.3 | 13.9 | 101.8 | 69.8 | NA | NA | NA | NA | NA | NA |
| 8/9/2018 | 13.8 | 0.32 | 13.5 | 14.4 | 115.7 | 79.7 | NA | NA | NA | NA | NA | NA |
| 8/10/2018 | 12.8 | 0.26 | 12.6 | 13.3 | 128.5 | 88.5 | NA | NA | NA | NA | NA | NA |

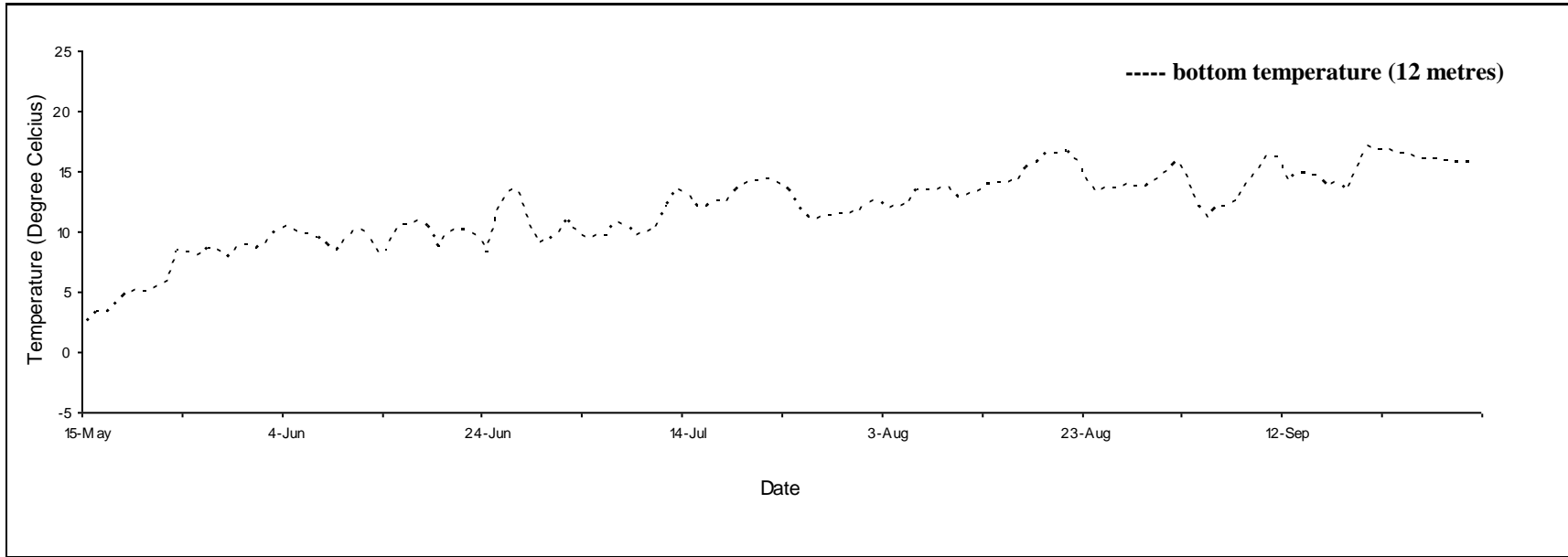
| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/11/2018 | 13.0 | 0.31 | 12.7 | 13.7 | 141.5 | 97.5 | NA | NA | NA | NA | NA | NA |
| 8/12/2018 | 13.4 | 0.18 | 13.1 | 13.7 | 106.9 | 154.9 | NA | NA | NA | NA | NA | NA |
| 8/13/2018 | 13.9 | 0.29 | 13.5 | 14.4 | 168.8 | 116.8 | NA | NA | NA | NA | NA | NA |
| 8/14/2018 | 14.1 | 0.20 | 13.8 | 14.4 | 182.9 | 126.9 | NA | NA | NA | NA | NA | NA |
| 8/15/2018 | 14.0 | 0.08 | 13.9 | 14.1 | 197.0 | 137.0 | NA | NA | NA | NA | NA | NA |
| 8/16/2018 | 14.2 | 0.22 | 13.9 | 14.5 | 211.1 | 147.1 | NA | NA | NA | NA | NA | NA |
| 8/17/2018 | 15.2 | 0.46 | 14.6 | 15.7 | 226.4 | 158.4 | NA | NA | NA | NA | NA | NA |
| 8/18/2018 | 15.7 | 0.08 | 15.6 | 15.9 | 242.1 | 170.1 | NA | NA | NA | NA | NA | NA |
| 8/19/2018 | 16.4 | 0.10 | 16.2 | 16.5 | 258.5 | 182.5 | NA | NA | NA | NA | NA | NA |
| 8/20/2018 | 16.6 | 0.08 | 16.4 | 16.7 | 275.1 | 195.1 | NA | NA | NA | NA | NA | NA |
| 8/21/2018 | 16.6 | 0.08 | 16.5 | 16.7 | 291.7 | 207.7 | NA | NA | NA | NA | NA | NA |
| 8/22/2018 | 15.9 | 0.51 | 15.0 | 16.5 | 307.6 | 219.6 | NA | NA | NA | NA | NA | NA |
| 8/23/2018 | 14.1 | 0.60 | 13.4 | 15.1 | 321.7 | 229.7 | NA | NA | NA | NA | NA | NA |
| 8/24/2018 | 13.4 | 0.04 | 13.4 | 13.5 | 335.1 | 239.1 | NA | NA | NA | NA | NA | NA |
| 8/25/2018 | 13.8 | 0.15 | 13.5 | 14.0 | 348.9 | 248.9 | NA | NA | NA | NA | NA | NA |
| 8/26/2018 | 13.7 | 0.11 | 13.6 | 13.8 | 362.6 | 258.6 | NA | NA | NA | NA | NA | NA |
| 8/27/2018 | 13.9 | 0.14 | 13.6 | 14.0 | 376.5 | 268.5 | NA | NA | NA | NA | NA | NA |
| 8/28/2018 | 13.8 | 0.05 | 13.8 | 13.9 | 390.3 | 278.3 | NA | NA | NA | NA | NA | NA |
| 8/29/2018 | 13.9 | 0.26 | 13.7 | 14.4 | 404.2 | 288.2 | NA | NA | NA | NA | NA | NA |
| 8/30/2018 | 14.3 | 0.24 | 14.1 | 14.9 | 418.5 | 298.5 | NA | NA | NA | NA | NA | NA |
| 8/31/2018 | 15.1 | 0.38 | 14.7 | 15.9 | 433.6 | 309.6 | NA | NA | NA | NA | NA | NA |

September

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/1/2018 | 15.9 | 0.12 | 15.7 | 16.1 | 15.9 | 11.9 | NA | NA | NA | NA | NA | NA |
| 9/2/2018 | 14.4 | 0.82 | 13.4 | 15.9 | 30.3 | 22.3 | NA | NA | NA | NA | NA | NA |
| 9/3/2018 | 12.1 | 0.64 | 11.4 | 13.3 | 42.4 | 30.4 | NA | NA | NA | NA | NA | NA |
| 9/4/2018 | 11.2 | 0.31 | 11.0 | 12.0 | 53.6 | 37.6 | NA | NA | NA | NA | NA | NA |
| 9/5/2018 | 12.1 | 0.40 | 11.7 | 12.9 | 65.7 | 45.7 | NA | NA | NA | NA | NA | NA |
| 9/6/2018 | 12.2 | 0.66 | 11.2 | 13.1 | 77.8 | 53.8 | NA | NA | NA | NA | NA | NA |
| 9/7/2018 | 12.5 | 0.53 | 11.5 | 13.2 | 90.4 | 62.4 | NA | NA | NA | NA | NA | NA |
| 9/8/2018 | 14.1 | 0.98 | 13.1 | 16.5 | 104.4 | 72.4 | NA | NA | NA | NA | NA | NA |
| 9/9/2018 | 15.2 | 0.34 | 14.4 | 15.9 | 119.6 | 83.6 | NA | NA | NA | NA | NA | NA |
| 9/10/2018 | 16.4 | 0.51 | 15.6 | 17.1 | 135.9 | 95.9 | NA | NA | NA | NA | NA | NA |
| 9/11/2018 | 16.2 | 0.50 | 15.2 | 17.1 | 152.2 | 108.2 | NA | NA | NA | NA | NA | NA |
| 9/12/2018 | 14.3 | 0.46 | 13.7 | 15.4 | 166.5 | 118.5 | NA | NA | NA | NA | NA | NA |
| 9/13/2018 | 14.9 | 0.21 | 14.6 | 15.3 | 181.4 | 129.4 | NA | NA | NA | NA | NA | NA |
| 9/14/2018 | 14.9 | 0.16 | 14.6 | 15.1 | 196.3 | 140.3 | NA | NA | NA | NA | NA | NA |
| 9/15/2018 | 14.7 | 0.29 | 14.2 | 15.1 | 211.0 | 151.0 | NA | NA | NA | NA | NA | NA |
| 9/16/2018 | 13.8 | 0.16 | 13.7 | 14.3 | 224.8 | 160.8 | NA | NA | NA | NA | NA | NA |
| 9/17/2018 | 14.1 | 0.09 | 14.0 | 14.2 | 238.9 | 170.9 | NA | NA | NA | NA | NA | NA |
| 9/18/2018 | 13.4 | 0.29 | 13.2 | 14.2 | 252.3 | 180.3 | NA | NA | NA | NA | NA | NA |
| 9/19/2018 | 15.1 | 1.16 | 13.7 | 17.4 | 267.5 | 191.5 | NA | NA | NA | NA | NA | NA |
| 9/20/2018 | 17.1 | 0.17 | 16.8 | 17.4 | 284.6 | 204.6 | NA | NA | NA | NA | NA | NA |
| 9/21/2018 | 16.8 | 0.11 | 16.6 | 17.0 | 301.4 | 217.4 | NA | NA | NA | NA | NA | NA |
| 9/22/2018 | 16.8 | 0.18 | 16.5 | 17.0 | 318.2 | 230.2 | NA | NA | NA | NA | NA | NA |
| 9/23/2018 | 16.6 | 0.20 | 16.1 | 16.9 | 334.8 | 242.8 | NA | NA | NA | NA | NA | NA |
| 9/24/2018 | 16.4 | 0.09 | 16.2 | 16.5 | 351.2 | 255.2 | NA | NA | NA | NA | NA | NA |
| 9/25/2018 | 16.2 | 0.06 | 16.1 | 16.3 | 367.3 | 267.3 | NA | NA | NA | NA | NA | NA |
| 9/26/2018 | 16.0 | 0.08 | 15.9 | 16.1 | 383.3 | 279.3 | NA | NA | NA | NA | NA | NA |
| 9/27/2018 | 16.1 | 0.08 | 16.0 | 16.3 | 399.4 | 291.4 | NA | NA | NA | NA | NA | NA |
| 9/28/2018 | 15.9 | 0.09 | 15.8 | 16.1 | 415.4 | 303.4 | NA | NA | NA | NA | NA | NA |
| 9/29/2018 | 15.8 | 0.04 | 15.7 | 15.9 | 431.1 | 315.1 | NA | NA | NA | NA | NA | NA |
| 9/30/2018 | 15.8 | 0.05 | 15.7 | 15.9 | 446.9 | 326.9 | NA | NA | NA | NA | NA | NA |

October

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/1/2018 | 15.7 | 0.05 | 15.6 | 15.8 | 15.7 | 11.7 | NA | NA | NA | NA | NA | NA |



Daily mean temperature for Pugwash, N.S., 2018.

Richibucto, N.B.

2018

May

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 5/8/2018 | 1.0 | 0.27 | 0.6 | 1.5 | 1.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/9/2018 | 0.6 | 0.17 | 0.4 | 1.0 | 1.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/10/2018 | 0.6 | 0.14 | 0.4 | 0.9 | 2.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/11/2018 | 1.0 | 0.57 | 0.4 | 1.8 | 3.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/12/2018 | 2.2 | 0.45 | 1.6 | 3.3 | 5.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/13/2018 | 2.7 | 0.42 | 2.3 | 3.6 | 8.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/14/2018 | 2.3 | 0.36 | 1.7 | 2.7 | 10.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/15/2018 | 1.5 | 0.49 | 0.8 | 2.2 | 11.9 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/16/2018 | 1.8 | 0.96 | 1.1 | 4.4 | 13.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/17/2018 | 1.6 | 0.64 | 1.0 | 2.8 | 15.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/18/2018 | 3.0 | 1.84 | 1.5 | 6.3 | 18.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/19/2018 | 3.1 | 1.05 | 1.8 | 4.9 | 21.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/20/2018 | 2.6 | 1.05 | 1.6 | 4.6 | 24.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/21/2018 | 4.2 | 2.18 | 2.1 | 7.3 | 28.2 | 0.2 | NA | NA | NA | NA | NA | NA |
| 5/22/2018 | 5.9 | 1.01 | 4.1 | 6.8 | 34.1 | 2.1 | NA | NA | NA | NA | NA | NA |
| 5/23/2018 | 5.1 | 1.65 | 2.8 | 7.0 | 39.2 | 3.2 | NA | NA | NA | NA | NA | NA |
| 5/24/2018 | 6.8 | 0.13 | 6.6 | 6.9 | 46.0 | 6.0 | NA | NA | NA | NA | NA | NA |
| 5/25/2018 | 7.0 | 0.16 | 6.8 | 7.3 | 53.0 | 9.0 | NA | NA | NA | NA | NA | NA |
| 5/26/2018 | 7.0 | 0.60 | 6.2 | 8.0 | 60.0 | 12.0 | NA | NA | NA | NA | NA | NA |
| 5/27/2018 | 7.9 | 0.22 | 7.6 | 8.3 | 67.9 | 15.9 | NA | NA | NA | NA | NA | NA |
| 5/28/2018 | 6.9 | 0.39 | 6.4 | 7.8 | 74.8 | 18.8 | NA | NA | NA | NA | NA | NA |
| 5/29/2018 | 6.7 | 0.45 | 6.2 | 7.5 | 81.5 | 21.5 | NA | NA | NA | NA | NA | NA |
| 5/30/2018 | 7.0 | 0.67 | 6.3 | 8.4 | 88.5 | 24.5 | NA | NA | NA | NA | NA | NA |
| 5/31/2018 | 6.8 | 0.43 | 6.2 | 7.7 | 95.3 | 27.3 | NA | NA | NA | NA | NA | NA |

June

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/1/2018 | 6.7 | 0.37 | 6.2 | 7.3 | 6.7 | 2.7 | NA | NA | NA | NA | NA | NA |
| 6/2/2018 | 8.6 | 1.61 | 6.3 | 10.2 | 15.3 | 7.3 | NA | NA | NA | NA | NA | NA |
| 6/3/2018 | 10.1 | 0.40 | 9.6 | 10.6 | 25.4 | 13.4 | NA | NA | NA | NA | NA | NA |
| 6/4/2018 | 10.5 | 0.21 | 10.2 | 11.0 | 35.9 | 19.9 | NA | NA | NA | NA | NA | NA |
| 6/5/2018 | 9.5 | 0.24 | 9.3 | 9.9 | 45.5 | 25.5 | NA | NA | NA | NA | NA | NA |
| 6/6/2018 | 9.9 | 0.30 | 9.3 | 10.3 | 55.3 | 31.3 | NA | NA | NA | NA | NA | NA |
| 6/7/2018 | 9.8 | 0.21 | 9.5 | 10.0 | 65.1 | 37.1 | NA | NA | NA | NA | NA | NA |
| 6/8/2018 | 9.7 | 0.26 | 9.3 | 10.1 | 74.9 | 42.9 | NA | NA | NA | NA | NA | NA |
| 6/9/2018 | 9.2 | 0.17 | 8.9 | 9.5 | 84.0 | 48.0 | NA | NA | NA | NA | NA | NA |
| 6/10/2018 | 9.1 | 0.37 | 8.7 | 9.7 | 93.2 | 53.2 | NA | NA | NA | NA | NA | NA |
| 6/11/2018 | 10.3 | 0.35 | 9.6 | 10.7 | 103.4 | 59.4 | NA | NA | NA | NA | NA | NA |
| 6/12/2018 | 10.5 | 0.26 | 10.0 | 10.8 | 113.9 | 65.9 | NA | NA | NA | NA | NA | NA |
| 6/13/2018 | 9.7 | 0.67 | 8.9 | 11.0 | 123.6 | 71.6 | NA | NA | NA | NA | NA | NA |
| 6/14/2018 | 9.5 | 0.56 | 8.7 | 10.4 | 133.1 | 77.1 | NA | NA | NA | NA | NA | NA |
| 6/15/2018 | 10.5 | 0.16 | 10.2 | 10.7 | 143.6 | 83.6 | NA | NA | NA | NA | NA | NA |
| 6/16/2018 | 10.8 | 0.45 | 10.2 | 11.7 | 154.4 | 90.4 | NA | NA | NA | NA | NA | NA |
| 6/17/2018 | 11.1 | 0.38 | 10.3 | 11.6 | 165.5 | 97.5 | NA | NA | NA | NA | NA | NA |
| 6/18/2018 | 10.1 | 0.30 | 9.6 | 10.4 | 175.6 | 103.6 | NA | NA | NA | NA | NA | NA |
| 6/19/2018 | 10.6 | 1.11 | 9.4 | 12.1 | 186.1 | 110.1 | NA | NA | NA | NA | NA | NA |
| 6/20/2018 | 11.7 | 0.27 | 11.5 | 12.3 | 197.9 | 117.9 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/21/2018 | 10.9 | 0.41 | 10.3 | 11.6 | 208.8 | 124.8 | NA | NA | NA | NA | NA | NA |
| 6/22/2018 | 10.8 | 0.54 | 10.0 | 11.6 | 219.6 | 131.6 | NA | NA | NA | NA | NA | NA |
| 6/23/2018 | 10.5 | 0.52 | 9.8 | 11.6 | 230.1 | 138.1 | NA | NA | NA | NA | NA | NA |
| 6/24/2018 | 9.3 | 0.70 | 8.4 | 10.8 | 239.4 | 143.4 | NA | NA | NA | NA | NA | NA |
| 6/25/2018 | 12.5 | 0.93 | 10.6 | 13.1 | 251.9 | 151.9 | NA | NA | NA | NA | NA | NA |
| 6/26/2018 | 12.5 | 0.15 | 12.2 | 12.8 | 264.4 | 160.4 | NA | NA | NA | NA | NA | NA |
| 6/27/2018 | 12.6 | 0.26 | 12.4 | 13.1 | 277.0 | 169.0 | NA | NA | NA | NA | NA | NA |
| 6/28/2018 | 11.9 | 1.07 | 10.0 | 13.2 | 288.9 | 176.9 | NA | NA | NA | NA | NA | NA |
| 6/29/2018 | 10.0 | 0.53 | 9.4 | 10.9 | 298.9 | 182.9 | NA | NA | NA | NA | NA | NA |
| 6/30/2018 | 9.7 | 0.82 | 8.6 | 11.3 | 308.6 | 188.6 | NA | NA | NA | NA | NA | NA |

July

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/1/2018 | 9.8 | 1.42 | 8.4 | 12.8 | 9.8 | 5.8 | NA | NA | NA | NA | NA | NA |
| 7/2/2018 | 11.2 | 1.01 | 9.4 | 12.8 | 21.0 | 13.0 | NA | NA | NA | NA | NA | NA |
| 7/3/2018 | 9.5 | 0.87 | 8.3 | 11.1 | 30.5 | 18.5 | NA | NA | NA | NA | NA | NA |
| 7/4/2018 | 9.1 | 0.74 | 8.2 | 10.6 | 39.6 | 23.6 | NA | NA | NA | NA | NA | NA |
| 7/5/2018 | 8.8 | 0.65 | 7.9 | 9.9 | 48.4 | 28.4 | NA | NA | NA | NA | NA | NA |
| 7/6/2018 | 7.8 | 0.30 | 7.4 | 8.3 | 56.2 | 32.2 | NA | NA | NA | NA | NA | NA |
| 7/7/2018 | 9.4 | 1.16 | 7.6 | 11.5 | 65.6 | 37.6 | NA | NA | NA | NA | NA | NA |
| 7/8/2018 | 11.2 | 1.17 | 9.8 | 13.2 | 76.8 | 44.8 | NA | NA | NA | NA | NA | NA |
| 7/9/2018 | 9.2 | 1.03 | 8.2 | 11.3 | 86.0 | 50.0 | NA | NA | NA | NA | NA | NA |
| 7/10/2018 | 8.0 | 0.48 | 7.4 | 9.0 | 94.0 | 54.0 | NA | NA | NA | NA | NA | NA |
| 7/11/2018 | 9.1 | 1.24 | 7.8 | 12.1 | 103.1 | 59.1 | NA | NA | NA | NA | NA | NA |
| 7/12/2018 | 10.6 | 0.93 | 9.4 | 12.7 | 113.7 | 65.7 | NA | NA | NA | NA | NA | NA |
| 7/13/2018 | 11.4 | 0.89 | 10.3 | 12.8 | 125.1 | 73.1 | NA | NA | NA | NA | NA | NA |
| 7/14/2018 | 10.9 | 1.21 | 9.1 | 12.5 | 136.0 | 80.0 | NA | NA | NA | NA | NA | NA |
| 7/15/2018 | 10.2 | 1.06 | 9.1 | 12.3 | 146.2 | 86.2 | NA | NA | NA | NA | NA | NA |
| 7/16/2018 | 10.1 | 1.11 | 8.8 | 12.0 | 156.3 | 92.3 | NA | NA | NA | NA | NA | NA |
| 7/17/2018 | 10.3 | 1.23 | 8.9 | 12.9 | 166.6 | 98.6 | NA | NA | NA | NA | NA | NA |
| 7/18/2018 | 10.1 | 0.93 | 9.0 | 11.8 | 176.6 | 104.6 | NA | NA | NA | NA | NA | NA |
| 7/19/2018 | 10.5 | 0.93 | 9.2 | 12.4 | 187.2 | 111.2 | NA | NA | NA | NA | NA | NA |
| 7/20/2018 | 10.0 | 0.66 | 9.3 | 11.3 | 197.2 | 117.2 | NA | NA | NA | NA | NA | NA |
| 7/21/2018 | 9.7 | 0.47 | 9.1 | 10.4 | 206.9 | 122.9 | NA | NA | NA | NA | NA | NA |
| 7/22/2018 | 9.7 | 0.74 | 9.0 | 11.3 | 216.5 | 128.5 | NA | NA | NA | NA | NA | NA |
| 7/23/2018 | 9.4 | 0.48 | 9.0 | 10.4 | 226.0 | 134.0 | NA | NA | NA | NA | NA | NA |
| 7/24/2018 | 9.2 | 0.42 | 8.7 | 10.0 | 235.2 | 139.2 | NA | NA | NA | NA | NA | NA |
| 7/25/2018 | 8.7 | 0.53 | 8.0 | 9.9 | 243.9 | 143.9 | NA | NA | NA | NA | NA | NA |
| 7/26/2018 | 8.1 | 0.66 | 7.4 | 9.6 | 252.0 | 148.0 | NA | NA | NA | NA | NA | NA |
| 7/27/2018 | 7.5 | 0.33 | 7.1 | 8.1 | 259.5 | 151.5 | NA | NA | NA | NA | NA | NA |
| 7/28/2018 | 8.0 | 0.50 | 7.3 | 8.9 | 267.5 | 155.5 | NA | NA | NA | NA | NA | NA |
| 7/29/2018 | 8.3 | 0.47 | 7.7 | 9.4 | 275.8 | 159.8 | NA | NA | NA | NA | NA | NA |
| 7/30/2018 | 8.6 | 0.40 | 8.1 | 9.4 | 284.4 | 164.4 | NA | NA | NA | NA | NA | NA |
| 7/31/2018 | 8.9 | 0.61 | 8.1 | 9.8 | 293.3 | 169.3 | NA | NA | NA | NA | NA | NA |

August

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/1/2018 | 8.9 | 0.56 | 7.9 | 9.8 | 8.9 | 4.9 | NA | NA | NA | NA | NA | NA |
| 8/2/2018 | 7.9 | 0.68 | 6.7 | 9.1 | 16.9 | 8.9 | NA | NA | NA | NA | NA | NA |
| 8/3/2018 | 7.7 | 0.62 | 7.0 | 8.7 | 24.6 | 12.6 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/4/2018 | 8.0 | 0.44 | 7.4 | 8.9 | 32.7 | 16.7 | NA | NA | NA | NA | NA | NA |
| 8/5/2018 | 9.8 | 0.88 | 8.3 | 10.9 | 42.5 | 22.5 | NA | NA | NA | NA | NA | NA |
| 8/6/2018 | 9.6 | 0.44 | 9.1 | 10.4 | 52.1 | 28.1 | NA | NA | NA | NA | NA | NA |
| 8/7/2018 | 9.7 | 0.53 | 9.1 | 10.8 | 61.8 | 33.8 | NA | NA | NA | NA | NA | NA |
| 8/8/2018 | 9.9 | 0.75 | 9.2 | 11.3 | 71.7 | 39.7 | NA | NA | NA | NA | NA | NA |
| 8/9/2018 | 9.6 | 0.82 | 8.5 | 11.3 | 81.3 | 45.3 | NA | NA | NA | NA | NA | NA |
| 8/10/2018 | 10.6 | 1.10 | 9.7 | 13.5 | 91.9 | 51.9 | NA | NA | NA | NA | NA | NA |
| 8/11/2018 | 10.4 | 1.15 | 9.2 | 12.7 | 102.4 | 58.4 | NA | NA | NA | NA | NA | NA |
| 8/12/2018 | 10.3 | 0.84 | 9.4 | 12.2 | 112.7 | 64.7 | NA | NA | NA | NA | NA | NA |
| 8/13/2018 | 10.7 | 0.92 | 9.9 | 13.0 | 123.4 | 71.4 | NA | NA | NA | NA | NA | NA |
| 8/14/2018 | 10.8 | 0.87 | 9.7 | 12.4 | 134.2 | 78.2 | NA | NA | NA | NA | NA | NA |
| 8/15/2018 | 9.9 | 0.79 | 8.6 | 11.2 | 144.1 | 84.1 | NA | NA | NA | NA | NA | NA |
| 8/16/2018 | 11.6 | 2.65 | 9.0 | 15.9 | 155.7 | 91.7 | NA | NA | NA | NA | NA | NA |
| 8/17/2018 | 13.3 | 1.37 | 11.6 | 16.3 | 169.0 | 101.0 | NA | NA | NA | NA | NA | NA |
| 8/18/2018 | 12.6 | 0.98 | 11.5 | 14.1 | 181.5 | 109.5 | NA | NA | NA | NA | NA | NA |
| 8/19/2018 | 16.8 | 1.17 | 14.4 | 18.1 | 198.4 | 122.4 | NA | NA | NA | NA | NA | NA |
| 8/20/2018 | 17.9 | 1.11 | 15.9 | 19.0 | 216.3 | 136.3 | NA | NA | NA | NA | NA | NA |
| 8/21/2018 | 15.4 | 1.65 | 13.1 | 17.6 | 231.7 | 147.7 | NA | NA | NA | NA | NA | NA |
| 8/22/2018 | 12.3 | 1.23 | 11.0 | 14.3 | 244.0 | 156.0 | NA | NA | NA | NA | NA | NA |
| 8/23/2018 | 10.1 | 0.66 | 9.2 | 11.2 | 254.1 | 162.1 | NA | NA | NA | NA | NA | NA |
| 8/24/2018 | 9.5 | 0.52 | 8.8 | 10.4 | 263.6 | 167.6 | NA | NA | NA | NA | NA | NA |
| 8/25/2018 | 9.1 | 0.37 | 8.7 | 9.8 | 272.6 | 172.6 | NA | NA | NA | NA | NA | NA |
| 8/26/2018 | 8.9 | 0.34 | 8.6 | 9.6 | 281.6 | 177.6 | NA | NA | NA | NA | NA | NA |
| 8/27/2018 | 8.9 | 0.22 | 8.7 | 9.4 | 290.4 | 182.4 | NA | NA | NA | NA | NA | NA |
| 8/28/2018 | 9.2 | 0.51 | 8.8 | 10.4 | 299.7 | 187.7 | NA | NA | NA | NA | NA | NA |
| 8/29/2018 | 9.4 | 0.45 | 8.9 | 10.4 | 309.1 | 193.1 | NA | NA | NA | NA | NA | NA |
| 8/30/2018 | 10.4 | 0.69 | 9.6 | 11.5 | 319.5 | 199.5 | NA | NA | NA | NA | NA | NA |
| 8/31/2018 | 15.6 | 1.55 | 11.5 | 16.7 | 335.1 | 211.1 | NA | NA | NA | NA | NA | NA |

September

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/1/2018 | 17.0 | 0.24 | 16.8 | 17.4 | 17.0 | 13.0 | NA | NA | NA | NA | NA | NA |
| 9/2/2018 | 14.7 | 2.03 | 11.5 | 17.5 | 31.8 | 23.8 | NA | NA | NA | NA | NA | NA |
| 9/3/2018 | 11.5 | 1.21 | 10.3 | 14.7 | 43.2 | 31.2 | NA | NA | NA | NA | NA | NA |
| 9/4/2018 | 10.4 | 0.41 | 9.9 | 11.2 | 53.6 | 37.6 | NA | NA | NA | NA | NA | NA |
| 9/5/2018 | 10.9 | 0.95 | 9.9 | 12.5 | 64.5 | 44.5 | NA | NA | NA | NA | NA | NA |
| 9/6/2018 | 11.3 | 1.27 | 10.1 | 13.5 | 75.8 | 51.8 | NA | NA | NA | NA | NA | NA |
| 9/7/2018 | 12.0 | 1.59 | 10.3 | 14.5 | 87.8 | 59.8 | NA | NA | NA | NA | NA | NA |
| 9/8/2018 | 14.9 | 1.97 | 11.5 | 17.1 | 102.7 | 70.7 | NA | NA | NA | NA | NA | NA |
| 9/9/2018 | 16.6 | 0.48 | 15.9 | 17.2 | 119.2 | 83.2 | NA | NA | NA | NA | NA | NA |
| 9/10/2018 | 16.0 | 0.35 | 15.5 | 16.8 | 135.2 | 95.2 | NA | NA | NA | NA | NA | NA |
| 9/11/2018 | 14.8 | 0.80 | 13.5 | 15.8 | 150.0 | 106.0 | NA | NA | NA | NA | NA | NA |
| 9/12/2018 | 14.1 | 0.85 | 12.9 | 15.7 | 164.2 | 116.2 | NA | NA | NA | NA | NA | NA |
| 9/13/2018 | 13.5 | 0.82 | 12.4 | 14.9 | 177.6 | 125.6 | NA | NA | NA | NA | NA | NA |
| 9/14/2018 | 12.9 | 0.68 | 12.1 | 14.3 | 190.6 | 134.6 | NA | NA | NA | NA | NA | NA |
| 9/15/2018 | 12.9 | 0.75 | 12.0 | 14.3 | 203.4 | 143.4 | NA | NA | NA | NA | NA | NA |
| 9/16/2018 | 13.0 | 0.69 | 11.9 | 13.8 | 216.4 | 152.4 | NA | NA | NA | NA | NA | NA |
| 9/17/2018 | 12.9 | 0.85 | 11.9 | 14.6 | 229.3 | 161.3 | NA | NA | NA | NA | NA | NA |
| 9/18/2018 | 14.3 | 2.26 | 11.9 | 17.1 | 243.5 | 171.5 | NA | NA | NA | NA | NA | NA |
| 9/19/2018 | 16.4 | 0.18 | 16.1 | 16.6 | 259.9 | 183.9 | NA | NA | NA | NA | NA | NA |
| 9/20/2018 | 15.9 | 0.14 | 15.7 | 16.1 | 275.8 | 195.8 | NA | NA | NA | NA | NA | NA |
| 9/21/2018 | 15.7 | 0.11 | 15.5 | 15.8 | 291.5 | 207.5 | NA | NA | NA | NA | NA | NA |
| 9/22/2018 | 15.7 | 0.07 | 15.6 | 15.8 | 307.3 | 219.3 | NA | NA | NA | NA | NA | NA |
| 9/23/2018 | 15.4 | 0.16 | 15.1 | 15.6 | 322.7 | 230.7 | NA | NA | NA | NA | NA | NA |
| 9/24/2018 | 14.8 | 0.12 | 14.6 | 15.1 | 337.5 | 241.5 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/25/2018 | 14.6 | 0.09 | 14.4 | 14.7 | 352.0 | 252.0 | NA | NA | NA | NA | NA | NA |
| 9/26/2018 | 14.0 | 0.33 | 13.6 | 14.4 | 366.0 | 262.0 | NA | NA | NA | NA | NA | NA |
| 9/27/2018 | 14.4 | 0.21 | 13.9 | 14.6 | 380.4 | 272.4 | NA | NA | NA | NA | NA | NA |
| 9/28/2018 | 14.2 | 0.19 | 13.9 | 14.5 | 394.6 | 282.6 | NA | NA | NA | NA | NA | NA |
| 9/29/2018 | 14.1 | 0.10 | 13.9 | 14.3 | 408.8 | 292.8 | NA | NA | NA | NA | NA | NA |
| 9/30/2018 | 14.0 | 0.06 | 13.9 | 14.1 | 422.8 | 302.8 | NA | NA | NA | NA | NA | NA |

October

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/1/2018 | 13.8 | 0.15 | 13.6 | 14.0 | 13.8 | 9.8 | NA | NA | NA | NA | NA | NA |
| 10/2/2018 | 13.5 | 0.17 | 13.3 | 13.8 | 27.4 | 19.4 | NA | NA | NA | NA | NA | NA |
| 10/3/2018 | 13.4 | 0.19 | 13.1 | 13.7 | 40.7 | 28.7 | NA | NA | NA | NA | NA | NA |
| 10/4/2018 | 13.3 | 0.10 | 13.1 | 13.4 | 54.0 | 38.0 | NA | NA | NA | NA | NA | NA |
| 10/5/2018 | 13.2 | 0.08 | 13.1 | 13.3 | 67.2 | 47.2 | NA | NA | NA | NA | NA | NA |
| 10/6/2018 | 13.1 | 0.07 | 13.0 | 13.2 | 80.3 | 56.3 | NA | NA | NA | NA | NA | NA |
| 10/7/2018 | 13.0 | 0.05 | 12.9 | 13.1 | 93.3 | 65.3 | NA | NA | NA | NA | NA | NA |
| 10/8/2018 | 12.9 | 0.02 | 12.8 | 12.9 | 106.2 | 74.2 | NA | NA | NA | NA | NA | NA |
| 10/9/2018 | 12.8 | 0.03 | 12.7 | 12.9 | 119.0 | 83.0 | NA | NA | NA | NA | NA | NA |
| 10/10/2018 | 12.7 | 0.05 | 12.6 | 12.8 | 131.7 | 91.7 | NA | NA | NA | NA | NA | NA |
| 10/11/2018 | 12.4 | 0.11 | 12.2 | 12.6 | 144.1 | 100.1 | NA | NA | NA | NA | NA | NA |
| 10/12/2018 | 12.1 | 0.05 | 12.0 | 12.2 | 156.2 | 108.2 | NA | NA | NA | NA | NA | NA |
| 10/13/2018 | 12.0 | 0.07 | 11.9 | 12.1 | 168.2 | 116.2 | NA | NA | NA | NA | NA | NA |
| 10/14/2018 | 11.7 | 0.09 | 11.6 | 11.9 | 179.9 | 123.9 | NA | NA | NA | NA | NA | NA |
| 10/15/2018 | 11.4 | 0.07 | 11.3 | 11.5 | 191.3 | 131.3 | NA | NA | NA | NA | NA | NA |
| 10/16/2018 | 11.3 | 0.08 | 11.1 | 11.4 | 202.6 | 138.6 | NA | NA | NA | NA | NA | NA |
| 10/17/2018 | 10.9 | 0.08 | 10.8 | 11.1 | 213.5 | 145.5 | NA | NA | NA | NA | NA | NA |
| 10/18/2018 | 10.5 | 0.19 | 10.2 | 10.8 | 224.0 | 152.0 | NA | NA | NA | NA | NA | NA |
| 10/19/2018 | 10.0 | 0.11 | 9.9 | 10.3 | 234.0 | 158.0 | NA | NA | NA | NA | NA | NA |
| 10/20/2018 | 9.7 | 0.26 | 9.2 | 9.9 | 243.8 | 163.8 | NA | NA | NA | NA | NA | NA |
| 10/21/2018 | 9.6 | 0.24 | 9.2 | 9.9 | 253.4 | 169.4 | NA | NA | NA | NA | NA | NA |
| 10/22/2018 | 9.5 | 0.12 | 9.3 | 9.7 | 262.9 | 174.9 | NA | NA | NA | NA | NA | NA |
| 10/23/2018 | 9.0 | 0.05 | 9.0 | 9.2 | 271.9 | 179.9 | NA | NA | NA | NA | NA | NA |
| 10/24/2018 | 8.7 | 0.24 | 8.1 | 9.0 | 280.6 | 184.6 | NA | NA | NA | NA | NA | NA |
| 10/25/2018 | 8.1 | 0.12 | 7.9 | 8.3 | 288.7 | 188.7 | NA | NA | NA | NA | NA | NA |
| 10/26/2018 | 8.0 | 0.28 | 7.3 | 8.1 | 296.7 | 192.7 | NA | NA | NA | NA | NA | NA |
| 10/27/2018 | 7.9 | 0.12 | 7.7 | 8.0 | 304.6 | 196.6 | NA | NA | NA | NA | NA | NA |
| 10/28/2018 | 7.5 | 0.21 | 7.2 | 7.9 | 312.1 | 200.1 | NA | NA | NA | NA | NA | NA |
| 10/29/2018 | 7.0 | 0.17 | 6.8 | 7.3 | 319.1 | 203.1 | NA | NA | NA | NA | NA | NA |
| 10/30/2018 | 6.8 | 0.08 | 6.7 | 6.9 | 325.9 | 205.9 | NA | NA | NA | NA | NA | NA |
| 10/31/2018 | 6.8 | 0.45 | 6.2 | 7.5 | 332.7 | 208.7 | NA | NA | NA | NA | NA | NA |

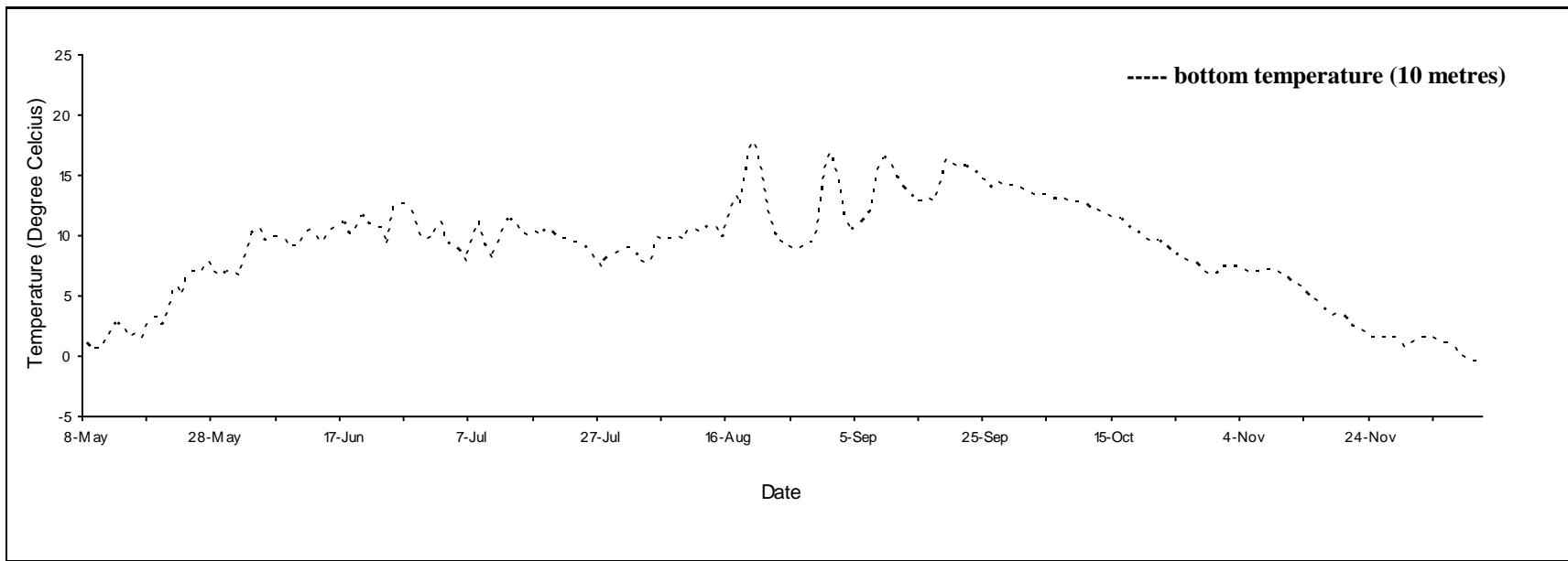
November

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 11/1/2018 | 7.4 | 0.19 | 7.1 | 7.6 | 7.4 | 3.4 | NA | NA | NA | NA | NA | NA |
| 11/2/2018 | 7.4 | 0.11 | 7.3 | 7.6 | 14.9 | 6.9 | NA | NA | NA | NA | NA | NA |
| 11/3/2018 | 7.4 | 0.05 | 7.3 | 7.4 | 22.2 | 10.2 | NA | NA | NA | NA | NA | NA |
| 11/4/2018 | 7.2 | 0.05 | 7.1 | 7.3 | 29.5 | 13.5 | NA | NA | NA | NA | NA | NA |
| 11/5/2018 | 7.0 | 0.09 | 6.9 | 7.2 | 36.5 | 16.5 | NA | NA | NA | NA | NA | NA |
| 11/6/2018 | 6.9 | 0.04 | 6.9 | 7.0 | 43.5 | 19.5 | NA | NA | NA | NA | NA | NA |
| 11/7/2018 | 7.0 | 0.05 | 6.9 | 7.1 | 50.5 | 22.5 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 11/8/2018 | 7.1 | 0.04 | 7.0 | 7.1 | 57.5 | 25.5 | NA | NA | NA | NA | NA | NA |
| 11/9/2018 | 7.0 | 0.04 | 6.9 | 7.0 | 64.5 | 28.5 | NA | NA | NA | NA | NA | NA |
| 11/10/2018 | 6.8 | 0.07 | 6.8 | 7.0 | 71.3 | 31.3 | NA | NA | NA | NA | NA | NA |
| 11/11/2018 | 6.4 | 0.10 | 6.3 | 6.7 | 77.8 | 33.8 | NA | NA | NA | NA | NA | NA |
| 11/12/2018 | 6.0 | 0.11 | 5.9 | 6.3 | 83.8 | 35.8 | NA | NA | NA | NA | NA | NA |
| 11/13/2018 | 5.7 | 0.15 | 5.5 | 5.9 | 89.5 | 37.5 | NA | NA | NA | NA | NA | NA |
| 11/14/2018 | 5.2 | 0.21 | 4.9 | 5.6 | 94.7 | 38.7 | NA | NA | NA | NA | NA | NA |
| 11/15/2018 | 4.7 | 0.08 | 4.6 | 4.9 | 99.4 | 39.4 | NA | NA | NA | NA | NA | NA |
| 11/16/2018 | 4.4 | 0.15 | 4.1 | 4.6 | 103.7 | 39.7 | NA | NA | NA | NA | NA | NA |
| 11/17/2018 | 3.6 | 0.31 | 3.1 | 4.1 | 107.3 | 39.7 | NA | NA | NA | NA | NA | NA |
| 11/18/2018 | 3.3 | 0.19 | 2.8 | 3.5 | 110.6 | 39.7 | NA | NA | NA | NA | NA | NA |
| 11/19/2018 | 3.4 | 0.12 | 3.1 | 3.6 | 114.0 | 39.7 | NA | NA | NA | NA | NA | NA |
| 11/20/2018 | 3.2 | 0.21 | 2.8 | 3.6 | 117.2 | 39.7 | NA | NA | NA | NA | NA | NA |
| 11/21/2018 | 2.4 | 0.18 | 2.2 | 2.9 | 119.7 | 39.7 | NA | NA | NA | NA | NA | NA |
| 11/22/2018 | 2.3 | 0.19 | 1.9 | 2.5 | 122.0 | 39.7 | NA | NA | NA | NA | NA | NA |
| 11/23/2018 | 1.9 | 0.13 | 1.7 | 2.1 | 123.9 | 39.7 | NA | NA | NA | NA | NA | NA |
| 11/24/2018 | 1.5 | 0.06 | 1.4 | 1.6 | 125.4 | 39.7 | NA | NA | NA | NA | NA | NA |
| 11/25/2018 | 1.6 | 0.09 | 1.4 | 1.7 | 127.0 | 39.7 | NA | NA | NA | NA | NA | NA |
| 11/26/2018 | 1.5 | 0.05 | 1.5 | 1.6 | 128.5 | 39.7 | NA | NA | NA | NA | NA | NA |
| 11/27/2018 | 1.5 | 0.10 | 1.3 | 1.6 | 130.0 | 39.7 | NA | NA | NA | NA | NA | NA |
| 11/28/2018 | 1.5 | 0.19 | 1.1 | 1.7 | 131.4 | 39.7 | NA | NA | NA | NA | NA | NA |
| 11/29/2018 | 0.7 | 0.25 | 0.2 | 1.0 | 132.1 | 39.7 | NA | NA | NA | NA | NA | NA |
| 11/30/2018 | 0.9 | 0.05 | 0.8 | 1.0 | 133.0 | 39.7 | NA | NA | NA | NA | NA | NA |

December

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 12/1/2018 | 1.2 | 0.23 | 0.8 | 1.5 | 1.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/2/2018 | 1.5 | 0.04 | 1.4 | 1.5 | 2.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/3/2018 | 1.7 | 0.14 | 1.5 | 1.9 | 4.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/4/2018 | 1.4 | 0.27 | 1.1 | 1.8 | 5.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/5/2018 | 1.0 | 0.08 | 0.9 | 1.1 | 6.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/6/2018 | 1.0 | 0.10 | 0.8 | 1.1 | 7.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/7/2018 | 0.7 | 0.25 | 0.3 | 1.0 | 8.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/8/2018 | 0.1 | 0.28 | -0.3 | 0.7 | 8.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/9/2018 | -0.3 | 0.10 | -0.6 | -0.2 | 8.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/10/2018 | -0.5 | 0.08 | -0.7 | -0.4 | 8.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/11/2018 | -0.6 | 0.13 | -0.8 | -0.4 | 8.6 | 0.0 | NA | NA | NA | NA | NA | NA |



Daily mean temperature for Richibucto, N.B., 2018.

River John, N.S.

2018

May

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 5/11/2018 | 4.9 | 0.80 | 3.8 | 5.6 | 4.9 | 0.9 | NA | NA | NA | NA | NA | NA |
| 5/12/2018 | 5.4 | 0.12 | 5.2 | 5.7 | 10.3 | 2.3 | NA | NA | NA | NA | NA | NA |
| 5/13/2018 | 5.5 | 0.27 | 5.1 | 6.0 | 15.8 | 3.8 | NA | NA | NA | NA | NA | NA |
| 5/14/2018 | 5.4 | 0.51 | 4.3 | 6.2 | 21.2 | 5.2 | NA | NA | NA | NA | NA | NA |
| 5/15/2018 | 5.1 | 1.40 | 1.7 | 7.1 | 26.4 | 6.4 | NA | NA | NA | NA | NA | NA |
| 5/16/2018 | 5.1 | 1.47 | 2.2 | 7.0 | 31.4 | 7.4 | NA | NA | NA | NA | NA | NA |
| 5/17/2018 | 4.9 | 1.24 | 2.1 | 6.7 | 36.3 | 8.3 | NA | NA | NA | NA | NA | NA |
| 5/18/2018 | 4.8 | 1.11 | 2.9 | 6.4 | 41.1 | 9.1 | NA | NA | NA | NA | NA | NA |
| 5/19/2018 | 5.0 | 0.93 | 3.1 | 6.3 | 46.1 | 10.1 | NA | NA | NA | NA | NA | NA |
| 5/20/2018 | 5.8 | 0.71 | 4.2 | 6.6 | 51.9 | 11.9 | NA | NA | NA | NA | NA | NA |
| 5/21/2018 | 5.6 | 1.11 | 3.1 | 6.7 | 57.4 | 13.4 | NA | NA | NA | NA | NA | NA |
| 5/22/2018 | 7.2 | 1.18 | 3.6 | 8.3 | 64.6 | 16.6 | NA | NA | NA | NA | NA | NA |
| 5/23/2018 | 7.2 | 1.20 | 3.6 | 7.9 | 71.8 | 19.8 | NA | NA | NA | NA | NA | NA |
| 5/24/2018 | 7.6 | 0.75 | 5.4 | 8.3 | 79.4 | 23.4 | NA | NA | NA | NA | NA | NA |
| 5/25/2018 | 7.5 | 0.67 | 6.6 | 8.3 | 86.9 | 26.9 | NA | NA | NA | NA | NA | NA |
| 5/26/2018 | 6.8 | 0.28 | 6.4 | 7.5 | 93.7 | 29.7 | NA | NA | NA | NA | NA | NA |
| 5/27/2018 | 6.9 | 0.55 | 5.7 | 7.8 | 100.6 | 32.6 | NA | NA | NA | NA | NA | NA |
| 5/28/2018 | 6.7 | 0.92 | 5.3 | 9.1 | 107.3 | 35.3 | NA | NA | NA | NA | NA | NA |
| 5/29/2018 | 7.0 | 1.14 | 4.5 | 8.3 | 114.3 | 38.3 | NA | NA | NA | NA | NA | NA |
| 5/30/2018 | 7.3 | 1.63 | 3.9 | 9.1 | 121.6 | 41.6 | NA | NA | NA | NA | NA | NA |
| 5/31/2018 | 7.7 | 1.48 | 4.5 | 9.8 | 129.3 | 45.3 | NA | NA | NA | NA | NA | NA |

June

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/1/2018 | 7.3 | 1.37 | 4.9 | 9.2 | 7.3 | 3.3 | NA | NA | NA | NA | NA | NA |
| 6/2/2018 | 7.1 | 1.45 | 4.9 | 9.5 | 14.4 | 6.4 | NA | NA | NA | NA | NA | NA |
| 6/3/2018 | 8.8 | 0.34 | 8.4 | 9.6 | 23.2 | 11.2 | NA | NA | NA | NA | NA | NA |
| 6/4/2018 | 9.3 | 0.36 | 8.9 | 10.3 | 32.5 | 16.5 | NA | NA | NA | NA | NA | NA |
| 6/5/2018 | 8.8 | 1.00 | 6.8 | 10.2 | 41.3 | 21.3 | NA | NA | NA | NA | NA | NA |
| 6/6/2018 | 7.5 | 1.15 | 6.0 | 9.1 | 48.8 | 24.8 | NA | NA | NA | NA | NA | NA |
| 6/7/2018 | 8.4 | 0.74 | 6.8 | 9.3 | 57.3 | 29.3 | NA | NA | NA | NA | NA | NA |
| 6/8/2018 | 9.9 | 1.10 | 7.0 | 10.8 | 67.2 | 35.2 | NA | NA | NA | NA | NA | NA |
| 6/9/2018 | 9.6 | 0.81 | 8.0 | 10.5 | 76.8 | 40.8 | NA | NA | NA | NA | NA | NA |
| 6/10/2018 | 9.4 | 1.82 | 5.6 | 10.7 | 86.3 | 46.3 | NA | NA | NA | NA | NA | NA |
| 6/11/2018 | 9.4 | 0.82 | 8.0 | 10.6 | 95.7 | 51.7 | NA | NA | NA | NA | NA | NA |
| 6/12/2018 | 9.6 | 0.88 | 7.8 | 10.4 | 105.3 | 57.3 | NA | NA | NA | NA | NA | NA |
| 6/13/2018 | 10.5 | 0.46 | 9.3 | 11.1 | 115.8 | 63.8 | NA | NA | NA | NA | NA | NA |
| 6/14/2018 | 8.6 | 1.63 | 6.0 | 10.9 | 124.3 | 68.3 | NA | NA | NA | NA | NA | NA |
| 6/15/2018 | 8.2 | 0.97 | 6.8 | 10.2 | 132.5 | 72.5 | NA | NA | NA | NA | NA | NA |
| 6/16/2018 | 8.9 | 0.93 | 7.2 | 10.9 | 141.4 | 77.4 | NA | NA | NA | NA | NA | NA |
| 6/17/2018 | 9.7 | 0.78 | 8.1 | 10.8 | 151.1 | 83.1 | NA | NA | NA | NA | NA | NA |
| 6/18/2018 | 9.7 | 0.77 | 8.0 | 11.0 | 160.8 | 88.8 | NA | NA | NA | NA | NA | NA |
| 6/19/2018 | 10.3 | 0.93 | 8.4 | 11.5 | 171.1 | 95.1 | NA | NA | NA | NA | NA | NA |
| 6/20/2018 | 11.0 | 0.89 | 8.6 | 11.9 | 182.0 | 102.0 | NA | NA | NA | NA | NA | NA |
| 6/21/2018 | 12.2 | 0.24 | 11.9 | 12.7 | 194.3 | 110.3 | NA | NA | NA | NA | NA | NA |
| 6/22/2018 | 12.3 | 0.46 | 11.0 | 12.7 | 206.5 | 118.5 | NA | NA | NA | NA | NA | NA |
| 6/23/2018 | 12.3 | 0.78 | 10.9 | 13.2 | 218.8 | 126.8 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/24/2018 | 11.8 | 1.69 | 9.2 | 13.6 | 230.6 | 134.6 | NA | NA | NA | NA | NA | NA |
| 6/25/2018 | 12.1 | 1.86 | 8.8 | 13.7 | 242.7 | 142.7 | NA | NA | NA | NA | NA | NA |
| 6/26/2018 | 12.9 | 0.52 | 11.4 | 13.5 | 255.6 | 151.6 | NA | NA | NA | NA | NA | NA |
| 6/27/2018 | 13.1 | 0.50 | 12.2 | 13.7 | 268.8 | 160.8 | NA | NA | NA | NA | NA | NA |
| 6/28/2018 | 13.0 | 0.58 | 11.9 | 13.6 | 281.8 | 169.8 | NA | NA | NA | NA | NA | NA |
| 6/29/2018 | 12.7 | 1.39 | 9.6 | 13.7 | 294.5 | 178.5 | NA | NA | NA | NA | NA | NA |
| 6/30/2018 | 11.6 | 1.61 | 9.5 | 14.0 | 306.0 | 186.0 | NA | NA | NA | NA | NA | NA |

July

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/1/2018 | 10.8 | 1.28 | 9.5 | 13.9 | 10.8 | 6.8 | NA | NA | NA | NA | NA | NA |
| 7/2/2018 | 12.5 | 1.81 | 9.8 | 14.8 | 23.3 | 15.3 | NA | NA | NA | NA | NA | NA |
| 7/3/2018 | 12.2 | 2.13 | 10.0 | 16.2 | 35.5 | 23.5 | NA | NA | NA | NA | NA | NA |
| 7/4/2018 | 12.7 | 2.26 | 10.0 | 16.5 | 48.1 | 32.1 | NA | NA | NA | NA | NA | NA |
| 7/5/2018 | 12.4 | 2.24 | 9.9 | 16.2 | 60.5 | 40.5 | NA | NA | NA | NA | NA | NA |
| 7/6/2018 | 13.5 | 2.67 | 9.9 | 17.5 | 74.1 | 50.1 | NA | NA | NA | NA | NA | NA |
| 7/7/2018 | 16.0 | 1.56 | 12.1 | 17.4 | 90.1 | 62.1 | NA | NA | NA | NA | NA | NA |
| 7/8/2018 | 16.1 | 0.89 | 14.6 | 17.0 | 106.2 | 74.2 | NA | NA | NA | NA | NA | NA |
| 7/9/2018 | 16.0 | 0.58 | 14.8 | 16.7 | 122.2 | 86.2 | NA | NA | NA | NA | NA | NA |
| 7/10/2018 | 15.0 | 2.29 | 10.4 | 17.2 | 137.2 | 97.2 | NA | NA | NA | NA | NA | NA |
| 7/11/2018 | 13.4 | 2.14 | 11.1 | 16.6 | 150.6 | 106.6 | NA | NA | NA | NA | NA | NA |
| 7/12/2018 | 13.2 | 1.94 | 10.7 | 15.8 | 163.8 | 115.8 | NA | NA | NA | NA | NA | NA |
| 7/13/2018 | 12.9 | 1.88 | 10.9 | 15.9 | 176.7 | 124.7 | NA | NA | NA | NA | NA | NA |
| 7/14/2018 | 12.8 | 1.45 | 11.1 | 15.2 | 189.5 | 133.5 | NA | NA | NA | NA | NA | NA |
| 7/15/2018 | 12.1 | 0.57 | 11.4 | 13.0 | 201.6 | 141.6 | NA | NA | NA | NA | NA | NA |
| 7/16/2018 | 12.6 | 0.64 | 11.4 | 13.9 | 214.2 | 150.2 | NA | NA | NA | NA | NA | NA |
| 7/17/2018 | 13.2 | 0.61 | 11.8 | 14.1 | 227.4 | 159.4 | NA | NA | NA | NA | NA | NA |
| 7/18/2018 | 13.5 | 1.12 | 11.9 | 16.5 | 240.9 | 168.9 | NA | NA | NA | NA | NA | NA |
| 7/19/2018 | 13.2 | 0.97 | 11.7 | 14.7 | 254.1 | 178.1 | NA | NA | NA | NA | NA | NA |
| 7/20/2018 | 13.9 | 1.47 | 11.9 | 16.0 | 268.0 | 188.0 | NA | NA | NA | NA | NA | NA |
| 7/21/2018 | 13.7 | 1.60 | 11.8 | 16.7 | 281.6 | 197.6 | NA | NA | NA | NA | NA | NA |
| 7/22/2018 | 13.0 | 0.74 | 12.1 | 14.3 | 294.6 | 206.6 | NA | NA | NA | NA | NA | NA |
| 7/23/2018 | 13.6 | 0.96 | 12.6 | 15.8 | 308.2 | 216.2 | NA | NA | NA | NA | NA | NA |
| 7/24/2018 | 13.7 | 0.76 | 12.6 | 14.8 | 321.9 | 225.9 | NA | NA | NA | NA | NA | NA |
| 7/25/2018 | 13.8 | 0.99 | 12.7 | 16.3 | 335.7 | 235.7 | NA | NA | NA | NA | NA | NA |
| 7/26/2018 | 14.2 | 2.51 | 11.1 | 20.4 | 349.9 | 245.9 | NA | NA | NA | NA | NA | NA |
| 7/27/2018 | 13.0 | 1.82 | 10.2 | 17.4 | 362.9 | 254.9 | NA | NA | NA | NA | NA | NA |
| 7/28/2018 | 12.5 | 1.46 | 10.1 | 16.0 | 375.3 | 263.3 | NA | NA | NA | NA | NA | NA |
| 7/29/2018 | 12.1 | 1.18 | 10.3 | 14.2 | 387.4 | 271.4 | NA | NA | NA | NA | NA | NA |
| 7/30/2018 | 12.4 | 1.37 | 10.2 | 14.4 | 399.8 | 279.8 | NA | NA | NA | NA | NA | NA |
| 7/31/2018 | 13.0 | 2.84 | 9.8 | 18.8 | 412.8 | 288.8 | NA | NA | NA | NA | NA | NA |

August

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/1/2018 | 12.8 | 2.17 | 10.4 | 18.4 | 12.8 | 8.8 | NA | NA | NA | NA | NA | NA |
| 8/2/2018 | 12.1 | 1.33 | 10.3 | 14.9 | 24.9 | 16.9 | NA | NA | NA | NA | NA | NA |
| 8/3/2018 | 12.6 | 3.31 | 10.5 | 19.9 | 37.5 | 25.5 | NA | NA | NA | NA | NA | NA |
| 8/4/2018 | 12.6 | 2.00 | 10.7 | 16.3 | 50.1 | 34.1 | NA | NA | NA | NA | NA | NA |
| 8/5/2018 | 12.3 | 1.93 | 10.8 | 16.6 | 62.5 | 42.5 | NA | NA | NA | NA | NA | NA |
| 8/6/2018 | 13.1 | 2.78 | 10.8 | 19.5 | 75.6 | 51.6 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/7/2018 | 14.2 | 3.11 | 11.0 | 21.6 | 89.7 | 61.7 | NA | NA | NA | NA | NA | NA |
| 8/8/2018 | 13.0 | 1.25 | 11.4 | 15.2 | 102.7 | 70.7 | NA | NA | NA | NA | NA | NA |
| 8/9/2018 | 13.4 | 1.49 | 11.4 | 15.8 | 116.1 | 80.1 | NA | NA | NA | NA | NA | NA |
| 8/10/2018 | 13.9 | 2.25 | 11.4 | 19.3 | 129.9 | 89.9 | NA | NA | NA | NA | NA | NA |
| 8/11/2018 | 13.6 | 2.15 | 11.1 | 17.6 | 143.6 | 99.6 | NA | NA | NA | NA | NA | NA |
| 8/12/2018 | 13.9 | 2.95 | 11.1 | 20.3 | 157.5 | 109.5 | NA | NA | NA | NA | NA | NA |
| 8/13/2018 | 13.8 | 1.60 | 11.9 | 17.9 | 171.3 | 119.3 | NA | NA | NA | NA | NA | NA |
| 8/14/2018 | 13.6 | 1.52 | 11.9 | 16.8 | 184.9 | 128.9 | NA | NA | NA | NA | NA | NA |
| 8/15/2018 | 13.4 | 0.65 | 12.3 | 14.5 | 198.3 | 138.3 | NA | NA | NA | NA | NA | NA |
| 8/16/2018 | 13.8 | 0.75 | 12.9 | 15.4 | 212.1 | 148.1 | NA | NA | NA | NA | NA | NA |
| 8/17/2018 | 14.5 | 1.46 | 13.3 | 17.5 | 226.7 | 158.7 | NA | NA | NA | NA | NA | NA |
| 8/18/2018 | 14.8 | 2.21 | 13.4 | 20.9 | 241.4 | 169.4 | NA | NA | NA | NA | NA | NA |
| 8/19/2018 | 13.7 | 0.57 | 12.7 | 14.4 | 255.1 | 179.1 | NA | NA | NA | NA | NA | NA |
| 8/20/2018 | 15.2 | 2.54 | 13.1 | 19.5 | 270.3 | 190.3 | NA | NA | NA | NA | NA | NA |
| 8/21/2018 | 14.3 | 1.81 | 13.0 | 19.5 | 284.5 | 200.5 | NA | NA | NA | NA | NA | NA |
| 8/22/2018 | 14.3 | 0.92 | 13.4 | 15.9 | 298.9 | 210.9 | NA | NA | NA | NA | NA | NA |
| 8/23/2018 | 15.1 | 1.68 | 13.4 | 19.6 | 313.9 | 221.9 | NA | NA | NA | NA | NA | NA |
| 8/24/2018 | 16.0 | 2.44 | 13.5 | 19.9 | 329.9 | 233.9 | NA | NA | NA | NA | NA | NA |
| 8/25/2018 | 14.3 | 2.23 | 9.3 | 18.0 | 344.3 | 244.3 | NA | NA | NA | NA | NA | NA |
| 8/26/2018 | 13.5 | 2.35 | 8.6 | 17.8 | 357.8 | 253.8 | NA | NA | NA | NA | NA | NA |
| 8/27/2018 | 12.8 | 3.15 | 7.6 | 18.3 | 370.6 | 262.6 | NA | NA | NA | NA | NA | NA |
| 8/28/2018 | 12.0 | 2.67 | 8.0 | 18.0 | 382.5 | 270.5 | NA | NA | NA | NA | NA | NA |
| 8/29/2018 | 11.8 | 2.07 | 7.7 | 15.2 | 394.3 | 278.3 | NA | NA | NA | NA | NA | NA |
| 8/30/2018 | 12.6 | 3.32 | 8.7 | 19.5 | 406.9 | 286.9 | NA | NA | NA | NA | NA | NA |
| 8/31/2018 | 12.7 | 3.12 | 9.6 | 18.9 | 419.6 | 295.6 | NA | NA | NA | NA | NA | NA |

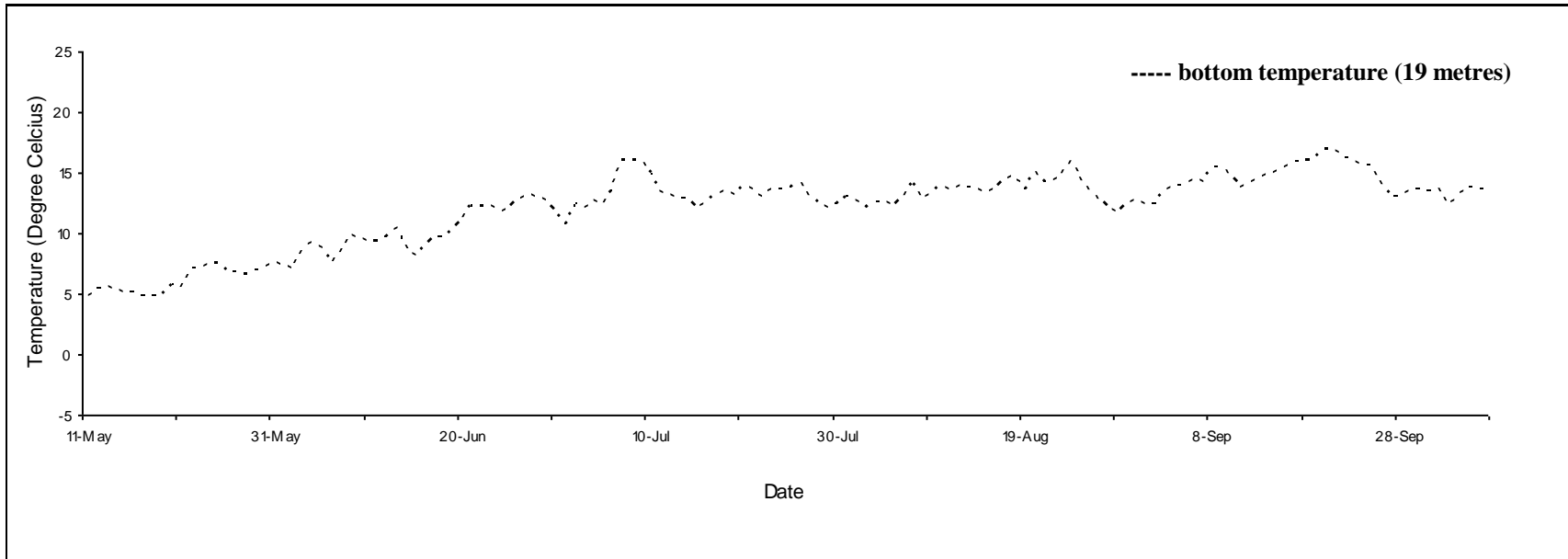
September

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/1/2018 | 12.5 | 2.22 | 10.1 | 17.0 | 12.5 | 8.5 | NA | NA | NA | NA | NA | NA |
| 9/2/2018 | 12.5 | 1.89 | 10.4 | 15.6 | 24.9 | 16.9 | NA | NA | NA | NA | NA | NA |
| 9/3/2018 | 13.7 | 3.14 | 10.6 | 18.9 | 38.6 | 26.6 | NA | NA | NA | NA | NA | NA |
| 9/4/2018 | 13.7 | 2.87 | 10.5 | 18.9 | 52.3 | 36.3 | NA | NA | NA | NA | NA | NA |
| 9/5/2018 | 14.1 | 2.47 | 10.7 | 18.2 | 66.5 | 46.5 | NA | NA | NA | NA | NA | NA |
| 9/6/2018 | 14.5 | 2.53 | 10.9 | 18.3 | 81.0 | 57.0 | NA | NA | NA | NA | NA | NA |
| 9/7/2018 | 14.3 | 2.93 | 10.3 | 18.3 | 95.3 | 67.3 | NA | NA | NA | NA | NA | NA |
| 9/8/2018 | 15.5 | 2.60 | 10.9 | 18.7 | 110.8 | 78.8 | NA | NA | NA | NA | NA | NA |
| 9/9/2018 | 15.5 | 2.75 | 11.4 | 18.2 | 126.3 | 90.3 | NA | NA | NA | NA | NA | NA |
| 9/10/2018 | 14.8 | 2.40 | 11.6 | 18.0 | 141.1 | 101.1 | NA | NA | NA | NA | NA | NA |
| 9/11/2018 | 13.8 | 1.74 | 11.6 | 17.2 | 154.9 | 110.9 | NA | NA | NA | NA | NA | NA |
| 9/12/2018 | 14.0 | 1.21 | 12.4 | 16.2 | 168.9 | 120.9 | NA | NA | NA | NA | NA | NA |
| 9/13/2018 | 14.5 | 0.85 | 13.0 | 15.3 | 183.4 | 131.4 | NA | NA | NA | NA | NA | NA |
| 9/14/2018 | 15.0 | 1.02 | 13.4 | 16.7 | 198.4 | 142.4 | NA | NA | NA | NA | NA | NA |
| 9/15/2018 | 15.1 | 0.95 | 13.7 | 16.4 | 213.5 | 153.5 | NA | NA | NA | NA | NA | NA |
| 9/16/2018 | 15.6 | 1.30 | 13.8 | 17.8 | 229.1 | 165.1 | NA | NA | NA | NA | NA | NA |
| 9/17/2018 | 15.9 | 1.36 | 14.0 | 18.0 | 245.0 | 177.0 | NA | NA | NA | NA | NA | NA |
| 9/18/2018 | 16.0 | 1.64 | 13.9 | 18.1 | 261.0 | 189.0 | NA | NA | NA | NA | NA | NA |
| 9/19/2018 | 16.1 | 1.64 | 13.9 | 17.8 | 277.2 | 201.2 | NA | NA | NA | NA | NA | NA |
| 9/20/2018 | 16.9 | 1.06 | 14.4 | 17.5 | 294.1 | 214.1 | NA | NA | NA | NA | NA | NA |
| 9/21/2018 | 16.9 | 0.93 | 14.2 | 17.6 | 311.0 | 227.0 | NA | NA | NA | NA | NA | NA |
| 9/22/2018 | 16.2 | 0.69 | 14.3 | 16.9 | 327.2 | 239.2 | NA | NA | NA | NA | NA | NA |
| 9/23/2018 | 16.1 | 0.07 | 16.0 | 16.2 | 343.3 | 251.3 | NA | NA | NA | NA | NA | NA |
| 9/24/2018 | 15.6 | 0.77 | 13.4 | 16.1 | 358.9 | 262.9 | NA | NA | NA | NA | NA | NA |
| 9/25/2018 | 15.6 | 0.11 | 15.3 | 15.8 | 374.5 | 274.5 | NA | NA | NA | NA | NA | NA |
| 9/26/2018 | 14.0 | 1.87 | 9.8 | 15.6 | 388.5 | 284.5 | NA | NA | NA | NA | NA | NA |
| 9/27/2018 | 13.0 | 1.86 | 10.0 | 15.1 | 401.6 | 293.6 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/28/2018 | 13.0 | 1.63 | 10.3 | 14.6 | 414.6 | 302.6 | NA | NA | NA | NA | NA | NA |
| 9/29/2018 | 13.4 | 1.13 | 11.7 | 14.9 | 428.0 | 312.0 | NA | NA | NA | NA | NA | NA |
| 9/30/2018 | 13.7 | 1.31 | 11.3 | 14.7 | 441.7 | 321.7 | NA | NA | NA | NA | NA | NA |

October

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/1/2018 | 13.5 | 1.33 | 11.0 | 14.8 | 13.5 | 9.5 | NA | NA | NA | NA | NA | NA |
| 10/2/2018 | 13.9 | 0.96 | 11.3 | 14.6 | 27.4 | 19.4 | NA | NA | NA | NA | NA | NA |
| 10/3/2018 | 12.4 | 1.11 | 11.1 | 14.6 | 39.7 | 27.7 | NA | NA | NA | NA | NA | NA |
| 10/4/2018 | 12.8 | 1.00 | 11.6 | 14.4 | 52.6 | 36.6 | NA | NA | NA | NA | NA | NA |
| 10/5/2018 | 13.7 | 0.87 | 12.3 | 14.6 | 66.3 | 46.3 | NA | NA | NA | NA | NA | NA |
| 10/6/2018 | 13.8 | 0.71 | 12.4 | 14.5 | 80.1 | 56.1 | NA | NA | NA | NA | NA | NA |
| 10/7/2018 | 13.6 | 0.94 | 12.0 | 14.4 | 93.7 | 65.7 | NA | NA | NA | NA | NA | NA |



Daily mean temperature for River John, N.S., 2018.

Rustico, P.E.I.

2018

April

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 4/28/2018 | 0.9 | 0.07 | 0.8 | 1.0 | 0.9 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/29/2018 | 1.3 | 0.45 | 0.8 | 2.1 | 2.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/30/2018 | 2.7 | 0.33 | 2.1 | 3.0 | 4.9 | 0.0 | NA | NA | NA | NA | NA | NA |

May

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 5/1/2018 | 2.2 | 0.28 | 2.0 | 3.0 | 2.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/2/2018 | 2.1 | 0.22 | 1.8 | 2.5 | 4.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/3/2018 | 3.9 | 0.56 | 2.8 | 4.3 | 8.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/4/2018 | 3.7 | 0.27 | 3.5 | 4.3 | 11.9 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/5/2018 | 3.1 | 0.37 | 2.6 | 3.8 | 14.9 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/6/2018 | 3.2 | 0.20 | 2.9 | 3.5 | 18.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/7/2018 | 4.1 | 0.40 | 3.5 | 4.6 | 22.2 | 0.1 | NA | NA | NA | NA | NA | NA |
| 5/8/2018 | 3.5 | 0.56 | 2.8 | 4.4 | 25.8 | 0.1 | NA | NA | NA | NA | NA | NA |
| 5/9/2018 | 3.2 | 0.48 | 2.6 | 3.8 | 28.9 | 0.1 | NA | NA | NA | NA | NA | NA |
| 5/10/2018 | 3.9 | 0.09 | 3.8 | 4.1 | 32.9 | 0.1 | NA | NA | NA | NA | NA | NA |
| 5/11/2018 | 4.1 | 0.27 | 3.8 | 4.6 | 37.0 | 0.2 | NA | NA | NA | NA | NA | NA |
| 5/12/2018 | 4.4 | 0.18 | 4.2 | 4.8 | 41.4 | 0.6 | NA | NA | NA | NA | NA | NA |
| 5/13/2018 | 5.0 | 0.38 | 4.7 | 5.6 | 46.4 | 1.6 | NA | NA | NA | NA | NA | NA |
| 5/14/2018 | 5.6 | 0.14 | 5.4 | 5.8 | 52.0 | 3.2 | NA | NA | NA | NA | NA | NA |
| 5/15/2018 | 5.5 | 0.15 | 5.3 | 5.8 | 57.5 | 4.7 | NA | NA | NA | NA | NA | NA |
| 5/16/2018 | 6.3 | 0.31 | 5.5 | 6.8 | 63.8 | 7.0 | NA | NA | NA | NA | NA | NA |
| 5/17/2018 | 6.1 | 0.10 | 5.9 | 6.3 | 69.9 | 9.1 | NA | NA | NA | NA | NA | NA |
| 5/18/2018 | 6.2 | 0.15 | 6.0 | 6.4 | 76.0 | 11.3 | NA | NA | NA | NA | NA | NA |
| 5/19/2018 | 6.2 | 0.30 | 5.8 | 6.6 | 82.3 | 13.5 | NA | NA | NA | NA | NA | NA |
| 5/20/2018 | 6.5 | 0.14 | 6.2 | 6.6 | 88.7 | 16.0 | NA | NA | NA | NA | NA | NA |
| 5/21/2018 | 7.3 | 0.16 | 6.9 | 7.6 | 96.0 | 19.2 | NA | NA | NA | NA | NA | NA |
| 5/22/2018 | 7.7 | 0.08 | 7.6 | 7.9 | 103.8 | 23.0 | NA | NA | NA | NA | NA | NA |
| 5/23/2018 | 8.0 | 0.30 | 7.6 | 8.5 | 111.7 | 27.0 | NA | NA | NA | NA | NA | NA |
| 5/24/2018 | 7.4 | 0.15 | 7.2 | 7.7 | 119.1 | 30.4 | NA | NA | NA | NA | NA | NA |
| 5/25/2018 | 7.3 | 0.14 | 7.1 | 7.6 | 126.4 | 33.7 | NA | NA | NA | NA | NA | NA |
| 5/26/2018 | 7.5 | 0.13 | 7.4 | 7.8 | 134.0 | 37.2 | NA | NA | NA | NA | NA | NA |
| 5/27/2018 | 8.0 | 0.13 | 7.8 | 8.2 | 142.0 | 41.2 | NA | NA | NA | NA | NA | NA |
| 5/28/2018 | 7.5 | 0.18 | 7.3 | 7.9 | 149.5 | 44.8 | NA | NA | NA | NA | NA | NA |
| 5/29/2018 | 7.7 | 0.57 | 7.2 | 8.7 | 157.2 | 48.4 | NA | NA | NA | NA | NA | NA |
| 5/30/2018 | 8.7 | 0.12 | 8.5 | 8.9 | 165.9 | 53.1 | NA | NA | NA | NA | NA | NA |
| 5/31/2018 | 8.8 | 0.10 | 8.6 | 8.9 | 174.6 | 57.9 | NA | NA | NA | NA | NA | NA |

June

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/1/2018 | 8.9 | 0.10 | 8.8 | 9.1 | 8.9 | 4.9 | NA | NA | NA | NA | NA | NA |
| 6/2/2018 | 10.3 | 1.09 | 8.9 | 11.5 | 19.2 | 11.2 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/3/2018 | 10.5 | 0.32 | 10.1 | 11.0 | 29.7 | 17.7 | NA | NA | NA | NA | NA | NA |
| 6/4/2018 | 10.1 | 0.18 | 9.9 | 10.3 | 39.7 | 23.7 | NA | NA | NA | NA | NA | NA |
| 6/5/2018 | 10.2 | 0.17 | 9.9 | 10.4 | 49.9 | 29.9 | NA | NA | NA | NA | NA | NA |
| 6/6/2018 | 9.5 | 0.81 | 7.9 | 10.3 | 59.4 | 35.4 | NA | NA | NA | NA | NA | NA |
| 6/7/2018 | 7.4 | 0.17 | 7.1 | 7.6 | 66.8 | 38.8 | NA | NA | NA | NA | NA | NA |
| 6/8/2018 | 7.0 | 0.31 | 6.7 | 7.7 | 73.9 | 41.9 | NA | NA | NA | NA | NA | NA |
| 6/9/2018 | 8.3 | 0.37 | 7.8 | 8.8 | 82.2 | 46.2 | NA | NA | NA | NA | NA | NA |
| 6/10/2018 | 9.2 | 0.46 | 8.6 | 9.7 | 91.3 | 51.3 | NA | NA | NA | NA | NA | NA |
| 6/11/2018 | 9.2 | 0.63 | 8.4 | 10.0 | 100.5 | 56.5 | NA | NA | NA | NA | NA | NA |
| 6/12/2018 | 9.7 | 0.16 | 9.5 | 9.9 | 110.2 | 62.2 | NA | NA | NA | NA | NA | NA |
| 6/13/2018 | 10.0 | 0.24 | 9.7 | 10.3 | 120.2 | 68.2 | NA | NA | NA | NA | NA | NA |
| 6/14/2018 | 10.5 | 0.19 | 10.2 | 10.8 | 130.7 | 74.7 | NA | NA | NA | NA | NA | NA |
| 6/15/2018 | 9.2 | 0.88 | 7.8 | 10.3 | 139.9 | 79.9 | NA | NA | NA | NA | NA | NA |
| 6/16/2018 | 9.5 | 0.78 | 8.4 | 10.4 | 149.4 | 85.4 | NA | NA | NA | NA | NA | NA |
| 6/17/2018 | 10.4 | 0.19 | 10.1 | 10.7 | 159.7 | 91.7 | NA | NA | NA | NA | NA | NA |
| 6/18/2018 | 9.2 | 1.00 | 7.1 | 10.2 | 169.0 | 97.0 | NA | NA | NA | NA | NA | NA |
| 6/19/2018 | 8.3 | 1.10 | 7.0 | 9.9 | 177.3 | 101.3 | NA | NA | NA | NA | NA | NA |
| 6/20/2018 | 10.3 | 0.20 | 10.1 | 10.7 | 187.6 | 107.6 | NA | NA | NA | NA | NA | NA |
| 6/21/2018 | 11.1 | 0.41 | 10.4 | 11.5 | 198.7 | 114.7 | NA | NA | NA | NA | NA | NA |
| 6/22/2018 | 11.7 | 0.13 | 11.5 | 11.8 | 210.3 | 122.3 | NA | NA | NA | NA | NA | NA |
| 6/23/2018 | 11.5 | 0.21 | 11.2 | 11.8 | 221.9 | 129.9 | NA | NA | NA | NA | NA | NA |
| 6/24/2018 | 11.8 | 0.18 | 11.6 | 12.1 | 233.7 | 137.7 | NA | NA | NA | NA | NA | NA |
| 6/25/2018 | 12.7 | 0.09 | 12.5 | 12.8 | 246.4 | 146.4 | NA | NA | NA | NA | NA | NA |
| 6/26/2018 | 12.5 | 0.13 | 12.3 | 12.7 | 258.9 | 154.9 | NA | NA | NA | NA | NA | NA |
| 6/27/2018 | 12.6 | 0.05 | 12.5 | 12.7 | 271.4 | 163.4 | NA | NA | NA | NA | NA | NA |
| 6/28/2018 | 12.9 | 0.13 | 12.7 | 13.1 | 284.3 | 172.3 | NA | NA | NA | NA | NA | NA |
| 6/29/2018 | 11.9 | 0.85 | 11.1 | 13.1 | 296.2 | 180.2 | NA | NA | NA | NA | NA | NA |
| 6/30/2018 | 11.7 | 0.25 | 11.4 | 11.9 | 307.9 | 187.9 | NA | NA | NA | NA | NA | NA |

July

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/1/2018 | 12.7 | 0.66 | 12.1 | 13.8 | 12.7 | 8.7 | NA | NA | NA | NA | NA | NA |
| 7/2/2018 | 13.8 | 0.09 | 13.6 | 13.9 | 26.5 | 18.5 | NA | NA | NA | NA | NA | NA |
| 7/3/2018 | 12.4 | 0.76 | 11.5 | 13.6 | 38.8 | 26.8 | NA | NA | NA | NA | NA | NA |
| 7/4/2018 | 13.1 | 0.70 | 12.3 | 14.0 | 52.0 | 36.0 | NA | NA | NA | NA | NA | NA |
| 7/5/2018 | 13.8 | 0.32 | 13.2 | 14.3 | 65.8 | 45.8 | NA | NA | NA | NA | NA | NA |
| 7/6/2018 | 12.0 | 0.57 | 11.5 | 13.2 | 77.8 | 53.8 | NA | NA | NA | NA | NA | NA |
| 7/7/2018 | 14.1 | 0.73 | 13.1 | 15.4 | 91.8 | 63.8 | NA | NA | NA | NA | NA | NA |
| 7/8/2018 | 15.5 | 0.25 | 15.1 | 15.9 | 107.4 | 75.4 | NA | NA | NA | NA | NA | NA |
| 7/9/2018 | 15.7 | 0.37 | 15.2 | 16.2 | 123.1 | 87.1 | NA | NA | NA | NA | NA | NA |
| 7/10/2018 | 16.2 | 0.15 | 16.0 | 16.4 | 139.2 | 99.2 | NA | NA | NA | NA | NA | NA |
| 7/11/2018 | 16.2 | 0.09 | 16.0 | 16.3 | 155.4 | 111.4 | NA | NA | NA | NA | NA | NA |
| 7/12/2018 | 16.6 | 0.43 | 16.0 | 17.1 | 172.0 | 124.0 | NA | NA | NA | NA | NA | NA |
| 7/13/2018 | 16.9 | 0.08 | 16.8 | 17.0 | 188.9 | 136.9 | NA | NA | NA | NA | NA | NA |
| 7/14/2018 | 15.2 | 0.85 | 14.0 | 16.4 | 204.1 | 148.1 | NA | NA | NA | NA | NA | NA |
| 7/15/2018 | 14.2 | 0.32 | 13.6 | 14.7 | 218.3 | 158.3 | NA | NA | NA | NA | NA | NA |
| 7/16/2018 | 14.4 | 0.45 | 13.7 | 15.0 | 232.7 | 168.7 | NA | NA | NA | NA | NA | NA |
| 7/17/2018 | 14.5 | 0.45 | 13.7 | 15.0 | 247.1 | 179.1 | NA | NA | NA | NA | NA | NA |
| 7/18/2018 | 14.2 | 0.66 | 13.4 | 15.2 | 261.3 | 189.3 | NA | NA | NA | NA | NA | NA |
| 7/19/2018 | 15.8 | 0.73 | 14.9 | 16.7 | 277.1 | 201.1 | NA | NA | NA | NA | NA | NA |
| 7/20/2018 | 15.1 | 1.14 | 13.3 | 16.6 | 292.3 | 212.3 | NA | NA | NA | NA | NA | NA |
| 7/21/2018 | 15.4 | 0.68 | 14.3 | 16.3 | 307.6 | 223.6 | NA | NA | NA | NA | NA | NA |
| 7/22/2018 | 14.2 | 0.57 | 13.4 | 15.0 | 321.8 | 233.8 | NA | NA | NA | NA | NA | NA |
| 7/23/2018 | 14.1 | 0.65 | 13.2 | 15.3 | 335.9 | 243.9 | NA | NA | NA | NA | NA | NA |
| 7/24/2018 | 15.8 | 0.30 | 15.3 | 16.2 | 351.7 | 255.7 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/25/2018 | 17.9 | 1.21 | 16.3 | 19.2 | 369.6 | 269.6 | NA | NA | NA | NA | NA | NA |
| 7/26/2018 | 15.7 | 3.59 | 11.4 | 19.9 | 385.4 | 281.4 | NA | NA | NA | NA | NA | NA |
| 7/27/2018 | 11.6 | 2.23 | 8.6 | 14.1 | 397.0 | 289.0 | NA | NA | NA | NA | NA | NA |
| 7/28/2018 | 15.6 | 1.16 | 13.2 | 16.7 | 412.7 | 300.7 | NA | NA | NA | NA | NA | NA |
| 7/29/2018 | 14.4 | 1.90 | 11.3 | 17.3 | 427.1 | 311.1 | NA | NA | NA | NA | NA | NA |
| 7/30/2018 | 16.7 | 2.44 | 12.8 | 19.2 | 443.8 | 323.8 | NA | NA | NA | NA | NA | NA |
| 7/31/2018 | 18.9 | 1.67 | 16.2 | 20.9 | 462.7 | 338.7 | NA | NA | NA | NA | NA | NA |

August

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/1/2018 | 17.8 | 1.39 | 15.3 | 19.8 | 17.8 | 13.8 | NA | NA | NA | NA | NA | NA |
| 8/2/2018 | 17.1 | 0.76 | 16.2 | 18.5 | 34.9 | 26.9 | NA | NA | NA | NA | NA | NA |
| 8/3/2018 | 18.3 | 1.50 | 16.0 | 19.9 | 53.2 | 41.2 | NA | NA | NA | NA | NA | NA |
| 8/4/2018 | 18.7 | 0.65 | 17.7 | 19.4 | 71.9 | 55.9 | NA | NA | NA | NA | NA | NA |
| 8/5/2018 | 16.3 | 2.40 | 11.6 | 18.6 | 88.2 | 68.2 | NA | NA | NA | NA | NA | NA |
| 8/6/2018 | 18.7 | 0.44 | 17.9 | 19.3 | 106.9 | 82.9 | NA | NA | NA | NA | NA | NA |
| 8/7/2018 | 18.2 | 1.08 | 16.1 | 19.4 | 125.2 | 97.2 | NA | NA | NA | NA | NA | NA |
| 8/8/2018 | 19.5 | 0.57 | 18.7 | 20.4 | 144.6 | 112.6 | NA | NA | NA | NA | NA | NA |
| 8/9/2018 | 16.8 | 4.17 | 10.0 | 20.4 | 161.4 | 125.4 | NA | NA | NA | NA | NA | NA |
| 8/10/2018 | 15.1 | 2.45 | 11.4 | 18.1 | 176.5 | 136.5 | NA | NA | NA | NA | NA | NA |
| 8/11/2018 | 19.2 | 0.76 | 18.0 | 20.1 | 195.7 | 151.7 | NA | NA | NA | NA | NA | NA |
| 8/12/2018 | 21.0 | 0.43 | 20.1 | 21.5 | 216.6 | 168.6 | NA | NA | NA | NA | NA | NA |
| 8/13/2018 | 21.1 | 0.06 | 21.0 | 21.2 | 237.7 | 185.7 | NA | NA | NA | NA | NA | NA |
| 8/14/2018 | 20.8 | 0.25 | 20.2 | 21.1 | 258.5 | 202.5 | NA | NA | NA | NA | NA | NA |
| 8/15/2018 | 16.8 | 1.50 | 14.3 | 20.3 | 275.3 | 215.3 | NA | NA | NA | NA | NA | NA |
| 8/16/2018 | 19.2 | 1.95 | 15.6 | 21.5 | 294.5 | 230.5 | NA | NA | NA | NA | NA | NA |
| 8/17/2018 | 21.2 | 0.53 | 20.1 | 21.7 | 315.7 | 247.7 | NA | NA | NA | NA | NA | NA |
| 8/18/2018 | 20.4 | 0.51 | 19.9 | 21.2 | 336.1 | 264.1 | NA | NA | NA | NA | NA | NA |
| 8/19/2018 | 17.8 | 3.99 | 12.4 | 21.1 | 353.9 | 277.9 | NA | NA | NA | NA | NA | NA |
| 8/20/2018 | 13.3 | 1.44 | 11.0 | 14.8 | 367.2 | 287.2 | NA | NA | NA | NA | NA | NA |
| 8/21/2018 | 15.3 | 1.22 | 13.1 | 16.5 | 382.6 | 298.6 | NA | NA | NA | NA | NA | NA |
| 8/22/2018 | 12.9 | 1.95 | 10.8 | 16.0 | 395.4 | 307.4 | NA | NA | NA | NA | NA | NA |
| 8/23/2018 | 10.5 | 0.85 | 9.3 | 12.2 | 405.9 | 313.9 | NA | NA | NA | NA | NA | NA |
| 8/24/2018 | 15.6 | 1.32 | 13.0 | 17.0 | 421.5 | 325.5 | NA | NA | NA | NA | NA | NA |
| 8/25/2018 | 17.8 | 0.44 | 17.1 | 18.5 | 439.3 | 339.3 | NA | NA | NA | NA | NA | NA |
| 8/26/2018 | 18.4 | 0.28 | 17.9 | 18.8 | 457.7 | 353.7 | NA | NA | NA | NA | NA | NA |
| 8/27/2018 | 17.1 | 1.50 | 14.4 | 18.6 | 474.8 | 366.8 | NA | NA | NA | NA | NA | NA |
| 8/28/2018 | 16.1 | 0.82 | 14.6 | 17.3 | 490.9 | 378.9 | NA | NA | NA | NA | NA | NA |
| 8/29/2018 | 18.5 | 1.32 | 16.7 | 20.1 | 509.4 | 393.4 | NA | NA | NA | NA | NA | NA |
| 8/30/2018 | 19.1 | 0.74 | 17.9 | 19.9 | 528.6 | 408.6 | NA | NA | NA | NA | NA | NA |
| 8/31/2018 | 19.3 | 0.10 | 19.2 | 19.5 | 547.9 | 423.9 | NA | NA | NA | NA | NA | NA |

September

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/1/2018 | 19.2 | 0.12 | 19.1 | 19.5 | 19.2 | 15.2 | NA | NA | NA | NA | NA | NA |
| 9/2/2018 | 18.7 | 0.43 | 18.2 | 19.4 | 37.9 | 29.9 | NA | NA | NA | NA | NA | NA |
| 9/3/2018 | 17.3 | 0.44 | 16.6 | 17.9 | 55.3 | 43.3 | NA | NA | NA | NA | NA | NA |
| 9/4/2018 | 19.0 | 0.91 | 17.9 | 20.1 | 74.3 | 58.3 | NA | NA | NA | NA | NA | NA |
| 9/5/2018 | 19.8 | 0.16 | 19.6 | 20.0 | 94.1 | 74.1 | NA | NA | NA | NA | NA | NA |
| 9/6/2018 | 16.6 | 2.95 | 12.1 | 20.1 | 110.7 | 86.7 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/7/2018 | 18.4 | 0.28 | 17.6 | 18.7 | 129.0 | 101.0 | NA | NA | NA | NA | NA | NA |
| 9/8/2018 | 19.2 | 0.18 | 19.0 | 19.5 | 148.2 | 116.2 | NA | NA | NA | NA | NA | NA |
| 9/9/2018 | 18.4 | 0.25 | 18.1 | 19.0 | 166.6 | 130.6 | NA | NA | NA | NA | NA | NA |
| 9/10/2018 | 18.3 | 0.09 | 18.2 | 18.4 | 184.9 | 144.9 | NA | NA | NA | NA | NA | NA |
| 9/11/2018 | 18.3 | 0.22 | 17.6 | 18.4 | 203.2 | 159.2 | NA | NA | NA | NA | NA | NA |
| 9/12/2018 | 17.2 | 0.70 | 15.9 | 17.8 | 220.4 | 172.4 | NA | NA | NA | NA | NA | NA |
| 9/13/2018 | 17.9 | 0.11 | 17.7 | 18.0 | 238.2 | 186.2 | NA | NA | NA | NA | NA | NA |
| 9/14/2018 | 17.8 | 0.27 | 17.3 | 18.1 | 256.1 | 200.1 | NA | NA | NA | NA | NA | NA |
| 9/15/2018 | 17.3 | 0.58 | 16.6 | 18.6 | 273.4 | 213.4 | NA | NA | NA | NA | NA | NA |
| 9/16/2018 | 17.9 | 0.22 | 17.5 | 18.2 | 291.3 | 227.3 | NA | NA | NA | NA | NA | NA |
| 9/17/2018 | 17.8 | 0.46 | 16.9 | 18.1 | 309.1 | 241.1 | NA | NA | NA | NA | NA | NA |
| 9/18/2018 | 17.9 | 0.10 | 17.7 | 18.1 | 326.9 | 254.9 | NA | NA | NA | NA | NA | NA |
| 9/19/2018 | 17.7 | 0.07 | 17.6 | 17.9 | 344.7 | 268.7 | NA | NA | NA | NA | NA | NA |
| 9/20/2018 | 14.4 | 1.81 | 12.8 | 17.4 | 359.1 | 279.1 | NA | NA | NA | NA | NA | NA |
| 9/21/2018 | 14.8 | 0.46 | 14.0 | 15.6 | 373.9 | 289.9 | NA | NA | NA | NA | NA | NA |
| 9/22/2018 | 10.4 | 1.96 | 7.5 | 13.6 | 384.3 | 296.3 | NA | NA | NA | NA | NA | NA |
| 9/23/2018 | 12.5 | 0.73 | 11.9 | 14.2 | 396.8 | 304.8 | NA | NA | NA | NA | NA | NA |
| 9/24/2018 | 13.9 | 0.31 | 13.6 | 14.5 | 410.7 | 314.7 | NA | NA | NA | NA | NA | NA |
| 9/25/2018 | 14.1 | 0.09 | 13.9 | 14.2 | 424.8 | 324.8 | NA | NA | NA | NA | NA | NA |
| 9/26/2018 | 12.9 | 1.68 | 10.2 | 14.2 | 437.7 | 333.7 | NA | NA | NA | NA | NA | NA |
| 9/27/2018 | 10.1 | 1.96 | 7.4 | 13.0 | 447.8 | 339.8 | NA | NA | NA | NA | NA | NA |
| 9/28/2018 | 13.5 | 0.38 | 12.6 | 13.8 | 461.3 | 349.3 | NA | NA | NA | NA | NA | NA |
| 9/29/2018 | 13.8 | 0.12 | 13.6 | 14.0 | 475.1 | 359.1 | NA | NA | NA | NA | NA | NA |
| 9/30/2018 | 13.5 | 0.11 | 13.3 | 13.7 | 488.6 | 368.6 | NA | NA | NA | NA | NA | NA |

October

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/1/2018 | 13.7 | 0.13 | 13.4 | 13.9 | 13.7 | 9.7 | NA | NA | NA | NA | NA | NA |
| 10/2/2018 | 13.6 | 0.05 | 13.6 | 13.7 | 27.4 | 19.4 | NA | NA | NA | NA | NA | NA |
| 10/3/2018 | 12.8 | 0.79 | 11.9 | 13.6 | 40.2 | 28.2 | NA | NA | NA | NA | NA | NA |
| 10/4/2018 | 11.8 | 0.36 | 10.8 | 12.0 | 52.0 | 36.0 | NA | NA | NA | NA | NA | NA |
| 10/5/2018 | 12.0 | 0.65 | 10.7 | 12.7 | 64.0 | 44.0 | NA | NA | NA | NA | NA | NA |
| 10/6/2018 | 12.5 | 0.19 | 12.1 | 12.7 | 76.5 | 52.5 | NA | NA | NA | NA | NA | NA |
| 10/7/2018 | 12.7 | 0.05 | 12.6 | 12.8 | 89.2 | 61.2 | NA | NA | NA | NA | NA | NA |
| 10/8/2018 | 12.5 | 0.05 | 12.4 | 12.6 | 101.7 | 69.7 | NA | NA | NA | NA | NA | NA |
| 10/9/2018 | 12.4 | 0.05 | 12.3 | 12.4 | 114.1 | 78.1 | NA | NA | NA | NA | NA | NA |
| 10/10/2018 | 12.4 | 0.03 | 12.4 | 12.5 | 126.5 | 86.5 | NA | NA | NA | NA | NA | NA |
| 10/11/2018 | 12.1 | 0.18 | 11.8 | 12.3 | 138.6 | 94.6 | NA | NA | NA | NA | NA | NA |
| 10/12/2018 | 11.7 | 0.24 | 11.3 | 12.0 | 150.3 | 102.3 | NA | NA | NA | NA | NA | NA |
| 10/13/2018 | 11.3 | 0.31 | 10.9 | 11.9 | 161.6 | 109.6 | NA | NA | NA | NA | NA | NA |
| 10/14/2018 | 10.8 | 0.17 | 10.6 | 11.1 | 172.4 | 116.4 | NA | NA | NA | NA | NA | NA |
| 10/15/2018 | 10.7 | 0.14 | 10.5 | 10.9 | 183.1 | 123.1 | NA | NA | NA | NA | NA | NA |
| 10/16/2018 | 10.8 | 0.19 | 10.5 | 11.0 | 193.9 | 129.9 | NA | NA | NA | NA | NA | NA |
| 10/17/2018 | 10.5 | 0.06 | 10.4 | 10.6 | 204.4 | 136.4 | NA | NA | NA | NA | NA | NA |
| 10/18/2018 | 9.8 | 0.54 | 8.9 | 10.6 | 214.2 | 142.2 | NA | NA | NA | NA | NA | NA |
| 10/19/2018 | 8.7 | 0.30 | 8.2 | 9.1 | 222.9 | 146.9 | NA | NA | NA | NA | NA | NA |
| 10/20/2018 | 9.2 | 0.44 | 8.7 | 9.9 | 232.1 | 152.1 | NA | NA | NA | NA | NA | NA |
| 10/21/2018 | 9.7 | 0.04 | 9.6 | 9.8 | 241.8 | 157.8 | NA | NA | NA | NA | NA | NA |
| 10/22/2018 | 9.2 | 0.41 | 8.6 | 9.6 | 251.0 | 163.0 | NA | NA | NA | NA | NA | NA |
| 10/23/2018 | 8.5 | 0.11 | 8.3 | 8.6 | 259.4 | 167.4 | NA | NA | NA | NA | NA | NA |
| 10/24/2018 | 8.5 | 0.21 | 8.2 | 8.8 | 267.9 | 171.9 | NA | NA | NA | NA | NA | NA |
| 10/25/2018 | 8.3 | 0.27 | 7.8 | 8.6 | 276.2 | 176.2 | NA | NA | NA | NA | NA | NA |
| 10/26/2018 | 7.2 | 0.48 | 6.5 | 7.8 | 283.4 | 179.4 | NA | NA | NA | NA | NA | NA |
| 10/27/2018 | 6.6 | 0.13 | 6.4 | 6.8 | 290.0 | 182.0 | NA | NA | NA | NA | NA | NA |
| 10/28/2018 | 6.8 | 0.27 | 6.4 | 7.2 | 296.8 | 184.8 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/29/2018 | 7.5 | 0.31 | 7.0 | 7.9 | 304.3 | 188.3 | NA | NA | NA | NA | NA | NA |
| 10/30/2018 | 7.7 | 0.09 | 7.6 | 7.9 | 312.0 | 192.0 | NA | NA | NA | NA | NA | NA |
| 10/31/2018 | 7.5 | 0.04 | 7.4 | 7.6 | 319.5 | 195.5 | NA | NA | NA | NA | NA | NA |

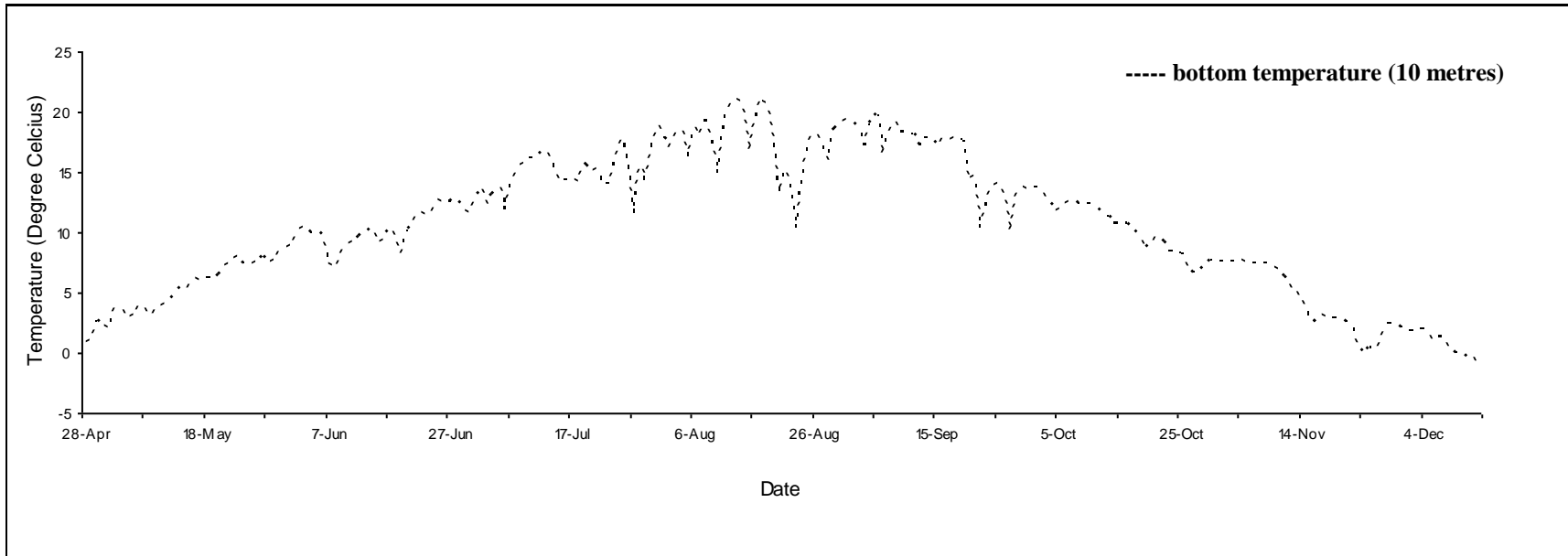
November

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 11/1/2018 | 7.6 | 0.04 | 7.6 | 7.7 | 7.6 | 3.6 | NA | NA | NA | NA | NA | NA |
| 11/2/2018 | 7.5 | 0.07 | 7.4 | 7.6 | 15.1 | 7.1 | NA | NA | NA | NA | NA | NA |
| 11/3/2018 | 7.6 | 0.23 | 7.4 | 8.1 | 22.8 | 10.8 | NA | NA | NA | NA | NA | NA |
| 11/4/2018 | 7.8 | 0.12 | 7.6 | 8.0 | 30.6 | 14.6 | NA | NA | NA | NA | NA | NA |
| 11/5/2018 | 7.4 | 0.06 | 7.3 | 7.5 | 37.9 | 17.9 | NA | NA | NA | NA | NA | NA |
| 11/6/2018 | 7.4 | 0.10 | 7.2 | 7.6 | 45.3 | 21.3 | NA | NA | NA | NA | NA | NA |
| 11/7/2018 | 7.5 | 0.06 | 7.4 | 7.6 | 52.8 | 24.8 | NA | NA | NA | NA | NA | NA |
| 11/8/2018 | 7.4 | 0.10 | 7.3 | 7.6 | 60.2 | 28.2 | NA | NA | NA | NA | NA | NA |
| 11/9/2018 | 7.2 | 0.11 | 7.1 | 7.4 | 67.5 | 31.5 | NA | NA | NA | NA | NA | NA |
| 11/10/2018 | 7.0 | 0.07 | 7.0 | 7.1 | 74.5 | 34.5 | NA | NA | NA | NA | NA | NA |
| 11/11/2018 | 6.4 | 0.40 | 5.7 | 6.9 | 80.9 | 36.9 | NA | NA | NA | NA | NA | NA |
| 11/12/2018 | 5.2 | 0.27 | 4.8 | 5.6 | 86.1 | 38.1 | NA | NA | NA | NA | NA | NA |
| 11/13/2018 | 5.1 | 0.14 | 4.9 | 5.3 | 91.2 | 39.2 | NA | NA | NA | NA | NA | NA |
| 11/14/2018 | 4.5 | 0.59 | 3.4 | 5.1 | 95.7 | 39.7 | NA | NA | NA | NA | NA | NA |
| 11/15/2018 | 2.8 | 0.31 | 2.3 | 3.4 | 98.6 | 39.7 | NA | NA | NA | NA | NA | NA |
| 11/16/2018 | 2.6 | 0.17 | 2.2 | 2.9 | 101.2 | 39.7 | NA | NA | NA | NA | NA | NA |
| 11/17/2018 | 3.1 | 0.46 | 2.3 | 3.6 | 104.3 | 39.7 | NA | NA | NA | NA | NA | NA |
| 11/18/2018 | 2.8 | 0.32 | 2.5 | 3.4 | 107.1 | 39.7 | NA | NA | NA | NA | NA | NA |
| 11/19/2018 | 2.8 | 0.13 | 2.6 | 3.0 | 110.0 | 39.7 | NA | NA | NA | NA | NA | NA |
| 11/20/2018 | 2.9 | 0.18 | 2.5 | 3.0 | 112.8 | 39.7 | NA | NA | NA | NA | NA | NA |
| 11/21/2018 | 2.5 | 0.13 | 2.4 | 2.8 | 115.4 | 39.7 | NA | NA | NA | NA | NA | NA |
| 11/22/2018 | 2.4 | 0.44 | 1.5 | 2.9 | 117.8 | 39.7 | NA | NA | NA | NA | NA | NA |
| 11/23/2018 | 0.4 | 0.59 | -0.5 | 1.5 | 118.2 | 39.7 | NA | NA | NA | NA | NA | NA |
| 11/24/2018 | 0.1 | 0.47 | -0.7 | 0.6 | 118.3 | 39.7 | NA | NA | NA | NA | NA | NA |
| 11/25/2018 | 0.5 | 0.24 | 0.1 | 0.9 | 118.8 | 39.7 | NA | NA | NA | NA | NA | NA |
| 11/26/2018 | 0.5 | 0.26 | 0.2 | 0.9 | 119.3 | 39.7 | NA | NA | NA | NA | NA | NA |
| 11/27/2018 | 1.4 | 0.35 | 0.8 | 1.8 | 120.6 | 39.7 | NA | NA | NA | NA | NA | NA |
| 11/28/2018 | 2.4 | 0.16 | 2.1 | 2.5 | 123.0 | 39.7 | NA | NA | NA | NA | NA | NA |
| 11/29/2018 | 2.4 | 0.12 | 2.2 | 2.5 | 125.4 | 39.7 | NA | NA | NA | NA | NA | NA |
| 11/30/2018 | 2.2 | 0.04 | 2.1 | 2.3 | 127.6 | 39.7 | NA | NA | NA | NA | NA | NA |

December

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 12/1/2018 | 2.0 | 0.07 | 1.9 | 2.1 | 2.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/2/2018 | 1.8 | 0.04 | 1.8 | 1.9 | 3.9 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/3/2018 | 2.0 | 0.11 | 1.8 | 2.1 | 5.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/4/2018 | 1.9 | 0.14 | 1.7 | 2.1 | 7.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/5/2018 | 1.2 | 0.13 | 1.1 | 1.5 | 9.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/6/2018 | 1.4 | 0.03 | 1.3 | 1.4 | 10.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/7/2018 | 1.4 | 0.01 | 1.4 | 1.5 | 11.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/8/2018 | 0.5 | 0.48 | 0.1 | 1.5 | 12.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/9/2018 | 0.0 | 0.15 | -0.2 | 0.3 | 12.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/10/2018 | 0.1 | 0.44 | -0.6 | 0.6 | 12.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/11/2018 | -0.4 | 0.19 | -0.7 | -0.1 | 12.4 | 0.0 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 12/12/2018 | -0.3 | 0.40 | -0.9 | 0.1 | 12.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/13/2018 | -1.2 | 0.09 | -1.3 | -1.0 | 12.4 | 0.0 | NA | NA | NA | NA | NA | NA |



Daily mean temperature for Rustico, P.E.I., 2018.

Shediac, N.B.

2018

May

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 5/7/2018 | 6.1 | 0.37 | 5.3 | 6.5 | 6.1 | 2.1 | NA | NA | NA | NA | NA | NA |
| 5/8/2018 | 4.3 | 0.29 | 3.9 | 4.9 | 10.4 | 2.4 | NA | NA | NA | NA | NA | NA |
| 5/9/2018 | 4.3 | 0.43 | 4.0 | 5.4 | 14.7 | 2.7 | NA | NA | NA | NA | NA | NA |
| 5/10/2018 | 5.8 | 0.82 | 4.4 | 7.0 | 20.5 | 4.5 | NA | NA | NA | NA | NA | NA |
| 5/11/2018 | 4.2 | 0.19 | 4.0 | 4.6 | 24.7 | 4.7 | NA | NA | NA | NA | NA | NA |
| 5/12/2018 | 5.1 | 0.32 | 4.3 | 5.6 | 29.8 | 5.8 | NA | NA | NA | NA | NA | NA |
| 5/13/2018 | 5.4 | 0.30 | 5.1 | 6.0 | 35.2 | 7.2 | NA | NA | NA | NA | NA | NA |
| 5/14/2018 | 5.5 | 0.12 | 5.3 | 5.7 | 40.7 | 8.7 | NA | NA | NA | NA | NA | NA |
| 5/15/2018 | 5.6 | 0.24 | 5.4 | 6.3 | 46.3 | 10.3 | NA | NA | NA | NA | NA | NA |
| 5/16/2018 | 6.9 | 0.79 | 5.6 | 7.7 | 53.2 | 13.2 | NA | NA | NA | NA | NA | NA |
| 5/17/2018 | 7.6 | 0.19 | 7.4 | 7.8 | 60.8 | 16.8 | NA | NA | NA | NA | NA | NA |
| 5/18/2018 | 7.6 | 0.29 | 7.2 | 8.2 | 68.4 | 20.4 | NA | NA | NA | NA | NA | NA |
| 5/19/2018 | 7.8 | 0.06 | 7.6 | 7.8 | 76.2 | 24.2 | NA | NA | NA | NA | NA | NA |
| 5/20/2018 | 8.1 | 0.18 | 7.8 | 8.4 | 84.3 | 28.3 | NA | NA | NA | NA | NA | NA |
| 5/21/2018 | 8.6 | 0.35 | 8.2 | 9.1 | 92.9 | 32.9 | NA | NA | NA | NA | NA | NA |
| 5/22/2018 | 9.1 | 0.25 | 8.9 | 9.5 | 102.0 | 38.0 | NA | NA | NA | NA | NA | NA |
| 5/23/2018 | 8.6 | 0.42 | 8.1 | 9.2 | 110.6 | 42.6 | NA | NA | NA | NA | NA | NA |
| 5/24/2018 | 8.4 | 0.20 | 8.2 | 8.9 | 119.0 | 47.0 | NA | NA | NA | NA | NA | NA |
| 5/25/2018 | 8.3 | 0.09 | 8.2 | 8.5 | 127.3 | 51.3 | NA | NA | NA | NA | NA | NA |
| 5/26/2018 | 9.1 | 0.39 | 8.5 | 9.6 | 136.4 | 56.4 | NA | NA | NA | NA | NA | NA |
| 5/27/2018 | 9.6 | 0.29 | 9.3 | 10.2 | 146.0 | 62.0 | NA | NA | NA | NA | NA | NA |
| 5/28/2018 | 9.2 | 0.68 | 8.5 | 10.1 | 155.2 | 67.2 | NA | NA | NA | NA | NA | NA |
| 5/29/2018 | 9.2 | 0.63 | 8.5 | 10.0 | 164.4 | 72.4 | NA | NA | NA | NA | NA | NA |
| 5/30/2018 | 10.3 | 0.36 | 9.8 | 10.7 | 174.7 | 78.7 | NA | NA | NA | NA | NA | NA |
| 5/31/2018 | 10.3 | 0.21 | 10.0 | 10.6 | 184.9 | 84.9 | NA | NA | NA | NA | NA | NA |

June

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/1/2018 | 10.1 | 0.07 | 10.0 | 10.2 | 10.1 | 6.1 | NA | NA | NA | NA | NA | NA |
| 6/2/2018 | 11.2 | 1.14 | 10.0 | 12.8 | 21.3 | 13.3 | NA | NA | NA | NA | NA | NA |
| 6/3/2018 | 12.2 | 0.14 | 12.0 | 12.5 | 33.4 | 21.4 | NA | NA | NA | NA | NA | NA |
| 6/4/2018 | 12.0 | 0.37 | 11.6 | 12.6 | 45.4 | 29.4 | NA | NA | NA | NA | NA | NA |
| 6/5/2018 | 12.1 | 0.18 | 11.9 | 12.5 | 57.5 | 37.5 | NA | NA | NA | NA | NA | NA |
| 6/6/2018 | 11.4 | 0.32 | 10.9 | 11.9 | 69.0 | 45.0 | NA | NA | NA | NA | NA | NA |
| 6/7/2018 | 10.6 | 0.25 | 10.2 | 11.0 | 79.6 | 51.6 | NA | NA | NA | NA | NA | NA |
| 6/8/2018 | 10.3 | 0.26 | 10.1 | 11.0 | 89.9 | 57.9 | NA | NA | NA | NA | NA | NA |
| 6/9/2018 | 10.8 | 0.14 | 10.6 | 11.1 | 100.7 | 64.7 | NA | NA | NA | NA | NA | NA |
| 6/10/2018 | 11.3 | 0.29 | 10.9 | 11.8 | 112.1 | 72.1 | NA | NA | NA | NA | NA | NA |
| 6/11/2018 | 11.6 | 0.19 | 11.4 | 11.9 | 123.7 | 79.7 | NA | NA | NA | NA | NA | NA |
| 6/12/2018 | 11.6 | 0.10 | 11.5 | 11.8 | 135.3 | 87.3 | NA | NA | NA | NA | NA | NA |
| 6/13/2018 | 11.6 | 0.18 | 11.4 | 11.9 | 147.0 | 95.0 | NA | NA | NA | NA | NA | NA |
| 6/14/2018 | 11.8 | 0.14 | 11.6 | 12.0 | 158.8 | 102.8 | NA | NA | NA | NA | NA | NA |
| 6/15/2018 | 11.5 | 0.14 | 11.3 | 11.7 | 170.3 | 110.3 | NA | NA | NA | NA | NA | NA |
| 6/16/2018 | 11.6 | 0.38 | 11.3 | 12.2 | 181.9 | 117.9 | NA | NA | NA | NA | NA | NA |
| 6/17/2018 | 12.1 | 0.14 | 11.9 | 12.4 | 194.0 | 126.0 | NA | NA | NA | NA | NA | NA |
| 6/18/2018 | 12.6 | 0.08 | 12.4 | 12.7 | 206.6 | 134.6 | NA | NA | NA | NA | NA | NA |
| 6/19/2018 | 12.8 | 0.34 | 12.4 | 13.2 | 219.4 | 143.4 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/20/2018 | 13.0 | 0.08 | 12.9 | 13.2 | 232.4 | 152.4 | NA | NA | NA | NA | NA | NA |
| 6/21/2018 | 13.3 | 0.25 | 13.0 | 13.6 | 245.7 | 161.7 | NA | NA | NA | NA | NA | NA |
| 6/22/2018 | 13.6 | 0.10 | 13.5 | 13.8 | 259.3 | 171.3 | NA | NA | NA | NA | NA | NA |
| 6/23/2018 | 13.3 | 0.06 | 13.2 | 13.4 | 272.6 | 180.6 | NA | NA | NA | NA | NA | NA |
| 6/24/2018 | 13.5 | 0.45 | 13.0 | 14.3 | 286.1 | 190.1 | NA | NA | NA | NA | NA | NA |
| 6/25/2018 | 14.2 | 0.24 | 13.9 | 14.6 | 300.3 | 200.3 | NA | NA | NA | NA | NA | NA |
| 6/26/2018 | 14.0 | 0.15 | 13.8 | 14.2 | 314.3 | 210.3 | NA | NA | NA | NA | NA | NA |
| 6/27/2018 | 14.0 | 0.18 | 13.7 | 14.2 | 328.2 | 220.2 | NA | NA | NA | NA | NA | NA |
| 6/28/2018 | 13.9 | 0.12 | 13.7 | 14.1 | 342.2 | 230.2 | NA | NA | NA | NA | NA | NA |
| 6/29/2018 | 13.9 | 0.20 | 13.6 | 14.2 | 356.1 | 240.1 | NA | NA | NA | NA | NA | NA |
| 6/30/2018 | 14.2 | 0.23 | 13.9 | 14.7 | 370.3 | 250.3 | NA | NA | NA | NA | NA | NA |

July

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/1/2018 | 14.9 | 0.55 | 14.3 | 15.9 | 14.9 | 10.9 | NA | NA | NA | NA | NA | NA |
| 7/2/2018 | 15.7 | 0.17 | 15.4 | 16.0 | 30.6 | 22.6 | NA | NA | NA | NA | NA | NA |
| 7/3/2018 | 15.0 | 0.42 | 14.6 | 15.6 | 45.6 | 33.6 | NA | NA | NA | NA | NA | NA |
| 7/4/2018 | 15.0 | 0.28 | 14.6 | 15.5 | 60.6 | 44.6 | NA | NA | NA | NA | NA | NA |
| 7/5/2018 | 15.5 | 0.14 | 15.2 | 15.7 | 76.1 | 56.1 | NA | NA | NA | NA | NA | NA |
| 7/6/2018 | 15.3 | 0.09 | 15.1 | 15.4 | 91.4 | 67.4 | NA | NA | NA | NA | NA | NA |
| 7/7/2018 | 16.1 | 0.47 | 15.3 | 16.5 | 107.5 | 79.5 | NA | NA | NA | NA | NA | NA |
| 7/8/2018 | 16.6 | 0.25 | 16.2 | 17.0 | 124.1 | 92.1 | NA | NA | NA | NA | NA | NA |
| 7/9/2018 | 16.8 | 0.11 | 16.6 | 16.9 | 141.0 | 105.0 | NA | NA | NA | NA | NA | NA |
| 7/10/2018 | 16.5 | 0.02 | 16.5 | 16.6 | 157.5 | 117.5 | NA | NA | NA | NA | NA | NA |
| 7/11/2018 | 17.0 | 0.27 | 16.6 | 17.4 | 174.4 | 130.4 | NA | NA | NA | NA | NA | NA |
| 7/12/2018 | 17.8 | 0.22 | 17.5 | 18.0 | 192.3 | 144.3 | NA | NA | NA | NA | NA | NA |
| 7/13/2018 | 18.1 | 0.22 | 17.9 | 18.5 | 210.4 | 158.4 | NA | NA | NA | NA | NA | NA |
| 7/14/2018 | 18.5 | 0.19 | 18.3 | 18.8 | 228.9 | 172.9 | NA | NA | NA | NA | NA | NA |
| 7/15/2018 | 18.5 | 0.06 | 18.4 | 18.6 | 247.3 | 187.3 | NA | NA | NA | NA | NA | NA |
| 7/16/2018 | 18.4 | 0.15 | 18.3 | 18.7 | 265.8 | 201.8 | NA | NA | NA | NA | NA | NA |
| 7/17/2018 | 18.5 | 0.12 | 18.4 | 18.8 | 284.3 | 216.3 | NA | NA | NA | NA | NA | NA |
| 7/18/2018 | 18.6 | 0.11 | 18.5 | 18.9 | 302.9 | 230.9 | NA | NA | NA | NA | NA | NA |
| 7/19/2018 | 19.4 | 0.39 | 18.8 | 19.9 | 322.4 | 246.4 | NA | NA | NA | NA | NA | NA |
| 7/20/2018 | 19.5 | 0.24 | 19.2 | 19.9 | 341.8 | 261.8 | NA | NA | NA | NA | NA | NA |
| 7/21/2018 | 19.5 | 0.27 | 19.2 | 19.9 | 361.4 | 277.4 | NA | NA | NA | NA | NA | NA |
| 7/22/2018 | 19.9 | 0.23 | 19.6 | 20.2 | 381.2 | 293.2 | NA | NA | NA | NA | NA | NA |
| 7/23/2018 | 19.5 | 0.19 | 19.4 | 19.9 | 400.8 | 308.8 | NA | NA | NA | NA | NA | NA |
| 7/24/2018 | 20.1 | 0.19 | 19.9 | 20.4 | 420.9 | 324.9 | NA | NA | NA | NA | NA | NA |
| 7/25/2018 | 20.8 | 0.39 | 20.3 | 21.2 | 441.7 | 341.7 | NA | NA | NA | NA | NA | NA |
| 7/26/2018 | 21.5 | 0.14 | 21.2 | 21.6 | 463.2 | 359.2 | NA | NA | NA | NA | NA | NA |
| 7/27/2018 | 21.6 | 0.06 | 21.5 | 21.7 | 484.7 | 376.7 | NA | NA | NA | NA | NA | NA |
| 7/28/2018 | 21.2 | 0.08 | 21.1 | 21.4 | 506.0 | 394.0 | NA | NA | NA | NA | NA | NA |
| 7/29/2018 | 21.4 | 0.18 | 21.2 | 21.7 | 527.4 | 411.4 | NA | NA | NA | NA | NA | NA |
| 7/30/2018 | 21.9 | 0.27 | 21.5 | 22.2 | 549.2 | 429.2 | NA | NA | NA | NA | NA | NA |
| 7/31/2018 | 21.5 | 0.26 | 21.0 | 21.9 | 570.8 | 446.8 | NA | NA | NA | NA | NA | NA |

August

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/1/2018 | 20.7 | 0.23 | 20.2 | 20.9 | 20.7 | 16.7 | NA | NA | NA | NA | NA | NA |
| 8/2/2018 | 19.6 | 0.39 | 19.0 | 20.0 | 40.3 | 32.3 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/3/2018 | 18.9 | 0.14 | 18.8 | 19.1 | 59.2 | 47.2 | NA | NA | NA | NA | NA | NA |
| 8/4/2018 | 19.2 | 0.22 | 18.9 | 19.5 | 78.4 | 62.4 | NA | NA | NA | NA | NA | NA |
| 8/5/2018 | 19.8 | 0.58 | 19.0 | 20.7 | 98.2 | 78.2 | NA | NA | NA | NA | NA | NA |
| 8/6/2018 | 19.5 | 0.12 | 19.3 | 19.7 | 117.6 | 93.6 | NA | NA | NA | NA | NA | NA |
| 8/7/2018 | 18.8 | 0.30 | 18.4 | 19.2 | 136.5 | 108.5 | NA | NA | NA | NA | NA | NA |
| 8/8/2018 | 18.4 | 0.25 | 18.1 | 18.7 | 154.9 | 122.9 | NA | NA | NA | NA | NA | NA |
| 8/9/2018 | 18.4 | 0.35 | 18.0 | 18.8 | 173.3 | 137.3 | NA | NA | NA | NA | NA | NA |
| 8/10/2018 | 17.7 | 0.10 | 17.6 | 17.9 | 191.0 | 151.0 | NA | NA | NA | NA | NA | NA |
| 8/11/2018 | 17.7 | 0.25 | 17.4 | 18.0 | 208.7 | 164.7 | NA | NA | NA | NA | NA | NA |
| 8/12/2018 | 17.7 | 0.10 | 17.6 | 17.9 | 226.4 | 178.4 | NA | NA | NA | NA | NA | NA |
| 8/13/2018 | 17.7 | 0.07 | 17.7 | 17.9 | 244.1 | 192.1 | NA | NA | NA | NA | NA | NA |
| 8/14/2018 | 17.7 | 0.02 | 17.7 | 17.8 | 261.9 | 205.9 | NA | NA | NA | NA | NA | NA |
| 8/15/2018 | 17.8 | 0.06 | 17.7 | 17.9 | 279.7 | 219.7 | NA | NA | NA | NA | NA | NA |
| 8/16/2018 | 18.2 | 0.31 | 17.9 | 18.6 | 297.9 | 233.9 | NA | NA | NA | NA | NA | NA |
| 8/17/2018 | 18.8 | 0.19 | 18.7 | 19.2 | 316.7 | 248.7 | NA | NA | NA | NA | NA | NA |
| 8/18/2018 | 18.9 | 0.16 | 18.6 | 19.2 | 335.7 | 263.7 | NA | NA | NA | NA | NA | NA |
| 8/19/2018 | 19.0 | 0.20 | 18.8 | 19.4 | 354.7 | 278.7 | NA | NA | NA | NA | NA | NA |
| 8/20/2018 | 19.5 | 0.08 | 19.4 | 19.6 | 374.2 | 294.2 | NA | NA | NA | NA | NA | NA |
| 8/21/2018 | 19.6 | 0.07 | 19.5 | 19.7 | 393.8 | 309.8 | NA | NA | NA | NA | NA | NA |
| 8/22/2018 | 19.5 | 0.09 | 19.4 | 19.6 | 413.3 | 325.3 | NA | NA | NA | NA | NA | NA |
| 8/23/2018 | 19.8 | 0.23 | 19.6 | 20.1 | 433.1 | 341.1 | NA | NA | NA | NA | NA | NA |
| 8/24/2018 | 20.2 | 0.28 | 19.8 | 20.6 | 453.3 | 357.3 | NA | NA | NA | NA | NA | NA |
| 8/25/2018 | 20.4 | 0.41 | 20.0 | 20.9 | 473.6 | 373.6 | NA | NA | NA | NA | NA | NA |
| 8/26/2018 | 21.0 | 0.13 | 20.9 | 21.3 | 494.7 | 390.7 | NA | NA | NA | NA | NA | NA |
| 8/27/2018 | 20.8 | 0.08 | 20.7 | 21.0 | 515.5 | 407.5 | NA | NA | NA | NA | NA | NA |
| 8/28/2018 | 21.0 | 0.13 | 20.9 | 21.2 | 536.5 | 424.5 | NA | NA | NA | NA | NA | NA |
| 8/29/2018 | 21.4 | 0.19 | 21.1 | 21.7 | 557.9 | 441.9 | NA | NA | NA | NA | NA | NA |
| 8/30/2018 | 21.6 | 0.06 | 21.5 | 21.7 | 579.5 | 459.5 | NA | NA | NA | NA | NA | NA |
| 8/31/2018 | 21.2 | 0.07 | 21.1 | 21.4 | 600.7 | 476.7 | NA | NA | NA | NA | NA | NA |

September

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/1/2018 | 21.1 | 0.13 | 21.0 | 21.3 | 21.1 | 17.1 | NA | NA | NA | NA | NA | NA |
| 9/2/2018 | 21.1 | 0.06 | 21.0 | 21.2 | 42.1 | 34.1 | NA | NA | NA | NA | NA | NA |
| 9/3/2018 | 21.1 | 0.12 | 21.0 | 21.3 | 63.2 | 51.2 | NA | NA | NA | NA | NA | NA |
| 9/4/2018 | 21.3 | 0.06 | 21.2 | 21.4 | 84.5 | 68.5 | NA | NA | NA | NA | NA | NA |
| 9/5/2018 | 21.2 | 0.06 | 21.1 | 21.4 | 105.7 | 85.7 | NA | NA | NA | NA | NA | NA |
| 9/6/2018 | 21.2 | 0.11 | 21.1 | 21.3 | 126.9 | 102.9 | NA | NA | NA | NA | NA | NA |
| 9/7/2018 | 21.0 | 0.11 | 20.9 | 21.3 | 147.9 | 119.9 | NA | NA | NA | NA | NA | NA |
| 9/8/2018 | 20.6 | 0.14 | 20.4 | 20.9 | 168.5 | 136.5 | NA | NA | NA | NA | NA | NA |
| 9/9/2018 | 19.8 | 0.14 | 19.7 | 20.2 | 188.3 | 152.3 | NA | NA | NA | NA | NA | NA |
| 9/10/2018 | 19.5 | 0.10 | 19.3 | 19.6 | 207.8 | 167.8 | NA | NA | NA | NA | NA | NA |
| 9/11/2018 | 19.0 | 0.12 | 18.9 | 19.3 | 226.8 | 182.8 | NA | NA | NA | NA | NA | NA |
| 9/12/2018 | 18.8 | 0.06 | 18.7 | 18.9 | 245.6 | 197.6 | NA | NA | NA | NA | NA | NA |
| 9/13/2018 | 18.8 | 0.05 | 18.8 | 18.9 | 264.5 | 212.5 | NA | NA | NA | NA | NA | NA |
| 9/14/2018 | 19.0 | 0.10 | 18.9 | 19.1 | 283.5 | 227.5 | NA | NA | NA | NA | NA | NA |
| 9/15/2018 | 19.3 | 0.10 | 19.1 | 19.4 | 302.8 | 242.8 | NA | NA | NA | NA | NA | NA |
| 9/16/2018 | 19.5 | 0.08 | 19.3 | 19.6 | 322.2 | 258.2 | NA | NA | NA | NA | NA | NA |
| 9/17/2018 | 19.5 | 0.07 | 19.4 | 19.7 | 341.8 | 273.8 | NA | NA | NA | NA | NA | NA |
| 9/18/2018 | 19.5 | 0.11 | 19.3 | 19.6 | 361.3 | 289.3 | NA | NA | NA | NA | NA | NA |
| 9/19/2018 | 18.9 | 0.43 | 18.2 | 19.4 | 380.2 | 304.2 | NA | NA | NA | NA | NA | NA |
| 9/20/2018 | 17.9 | 0.14 | 17.7 | 18.1 | 398.1 | 318.1 | NA | NA | NA | NA | NA | NA |
| 9/21/2018 | 17.5 | 0.11 | 17.3 | 17.7 | 415.6 | 331.6 | NA | NA | NA | NA | NA | NA |
| 9/22/2018 | 17.6 | 0.16 | 17.2 | 17.7 | 433.2 | 345.2 | NA | NA | NA | NA | NA | NA |
| 9/23/2018 | 17.2 | 0.11 | 17.1 | 17.4 | 450.4 | 358.4 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/24/2018 | 16.6 | 0.17 | 16.5 | 17.1 | 467.0 | 371.0 | NA | NA | NA | NA | NA | NA |
| 9/25/2018 | 16.3 | 0.19 | 16.0 | 16.6 | 483.3 | 383.3 | NA | NA | NA | NA | NA | NA |
| 9/26/2018 | 16.2 | 0.15 | 16.0 | 16.4 | 499.6 | 395.6 | NA | NA | NA | NA | NA | NA |
| 9/27/2018 | 16.5 | 0.06 | 16.4 | 16.6 | 516.0 | 408.0 | NA | NA | NA | NA | NA | NA |
| 9/28/2018 | 16.1 | 0.14 | 15.9 | 16.3 | 532.2 | 420.2 | NA | NA | NA | NA | NA | NA |
| 9/29/2018 | 15.8 | 0.05 | 15.7 | 15.8 | 547.9 | 431.9 | NA | NA | NA | NA | NA | NA |
| 9/30/2018 | 15.5 | 0.07 | 15.4 | 15.6 | 563.4 | 443.4 | NA | NA | NA | NA | NA | NA |

October

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/1/2018 | 15.5 | 0.05 | 15.4 | 15.6 | 15.5 | 11.5 | NA | NA | NA | NA | NA | NA |
| 10/2/2018 | 15.4 | 0.03 | 15.3 | 15.4 | 30.8 | 22.8 | NA | NA | NA | NA | NA | NA |
| 10/3/2018 | 15.2 | 0.05 | 15.1 | 15.3 | 46.0 | 34.0 | NA | NA | NA | NA | NA | NA |
| 10/4/2018 | 15.2 | 0.13 | 15.1 | 15.4 | 61.2 | 45.2 | NA | NA | NA | NA | NA | NA |
| 10/5/2018 | 15.2 | 0.12 | 15.0 | 15.4 | 76.4 | 56.4 | NA | NA | NA | NA | NA | NA |
| 10/6/2018 | 14.9 | 0.10 | 14.8 | 15.1 | 91.3 | 67.3 | NA | NA | NA | NA | NA | NA |
| 10/7/2018 | 14.7 | 0.17 | 14.5 | 14.9 | 106.1 | 78.1 | NA | NA | NA | NA | NA | NA |
| 10/8/2018 | 14.4 | 0.09 | 14.2 | 14.5 | 120.4 | 88.4 | NA | NA | NA | NA | NA | NA |
| 10/9/2018 | 14.2 | 0.06 | 14.1 | 14.3 | 134.6 | 98.6 | NA | NA | NA | NA | NA | NA |
| 10/10/2018 | 14.3 | 0.09 | 14.1 | 14.4 | 148.9 | 108.9 | NA | NA | NA | NA | NA | NA |
| 10/11/2018 | 13.7 | 0.21 | 13.4 | 14.1 | 162.6 | 118.6 | NA | NA | NA | NA | NA | NA |
| 10/12/2018 | 13.2 | 0.10 | 13.1 | 13.4 | 175.9 | 127.9 | NA | NA | NA | NA | NA | NA |
| 10/13/2018 | 13.1 | 0.10 | 13.0 | 13.3 | 189.0 | 137.0 | NA | NA | NA | NA | NA | NA |
| 10/14/2018 | 12.6 | 0.22 | 12.3 | 13.0 | 201.6 | 145.6 | NA | NA | NA | NA | NA | NA |
| 10/15/2018 | 12.2 | 0.09 | 12.1 | 12.4 | 213.9 | 153.9 | NA | NA | NA | NA | NA | NA |
| 10/16/2018 | 12.2 | 0.16 | 12.0 | 12.5 | 226.0 | 162.0 | NA | NA | NA | NA | NA | NA |
| 10/17/2018 | 11.8 | 0.27 | 11.4 | 12.2 | 237.8 | 169.8 | NA | NA | NA | NA | NA | NA |
| 10/18/2018 | 11.0 | 0.28 | 10.5 | 11.4 | 248.8 | 176.8 | NA | NA | NA | NA | NA | NA |
| 10/19/2018 | 10.0 | 0.19 | 9.8 | 10.4 | 258.8 | 182.8 | NA | NA | NA | NA | NA | NA |
| 10/20/2018 | 9.6 | 0.08 | 9.5 | 9.8 | 268.5 | 188.5 | NA | NA | NA | NA | NA | NA |
| 10/21/2018 | 9.8 | 0.25 | 9.5 | 10.1 | 278.2 | 194.2 | NA | NA | NA | NA | NA | NA |
| 10/22/2018 | 9.6 | 0.23 | 9.2 | 10.0 | 287.8 | 199.8 | NA | NA | NA | NA | NA | NA |
| 10/23/2018 | 9.0 | 0.09 | 8.9 | 9.3 | 296.8 | 204.8 | NA | NA | NA | NA | NA | NA |
| 10/24/2018 | 8.5 | 0.17 | 8.2 | 8.8 | 305.3 | 209.3 | NA | NA | NA | NA | NA | NA |
| 10/25/2018 | 7.8 | 0.41 | 7.4 | 8.5 | 313.1 | 213.1 | NA | NA | NA | NA | NA | NA |
| 10/26/2018 | 7.2 | 0.21 | 6.9 | 7.6 | 320.4 | 216.4 | NA | NA | NA | NA | NA | NA |
| 10/27/2018 | 6.8 | 0.18 | 6.4 | 6.9 | 327.2 | 219.2 | NA | NA | NA | NA | NA | NA |
| 10/28/2018 | 6.3 | 0.20 | 5.9 | 6.5 | 333.5 | 221.5 | NA | NA | NA | NA | NA | NA |
| 10/29/2018 | 6.6 | 0.07 | 6.5 | 6.7 | 340.1 | 224.1 | NA | NA | NA | NA | NA | NA |
| 10/30/2018 | 6.8 | 0.05 | 6.7 | 6.8 | 346.9 | 226.9 | NA | NA | NA | NA | NA | NA |
| 10/31/2018 | 6.7 | 0.02 | 6.6 | 6.7 | 353.5 | 229.5 | NA | NA | NA | NA | NA | NA |

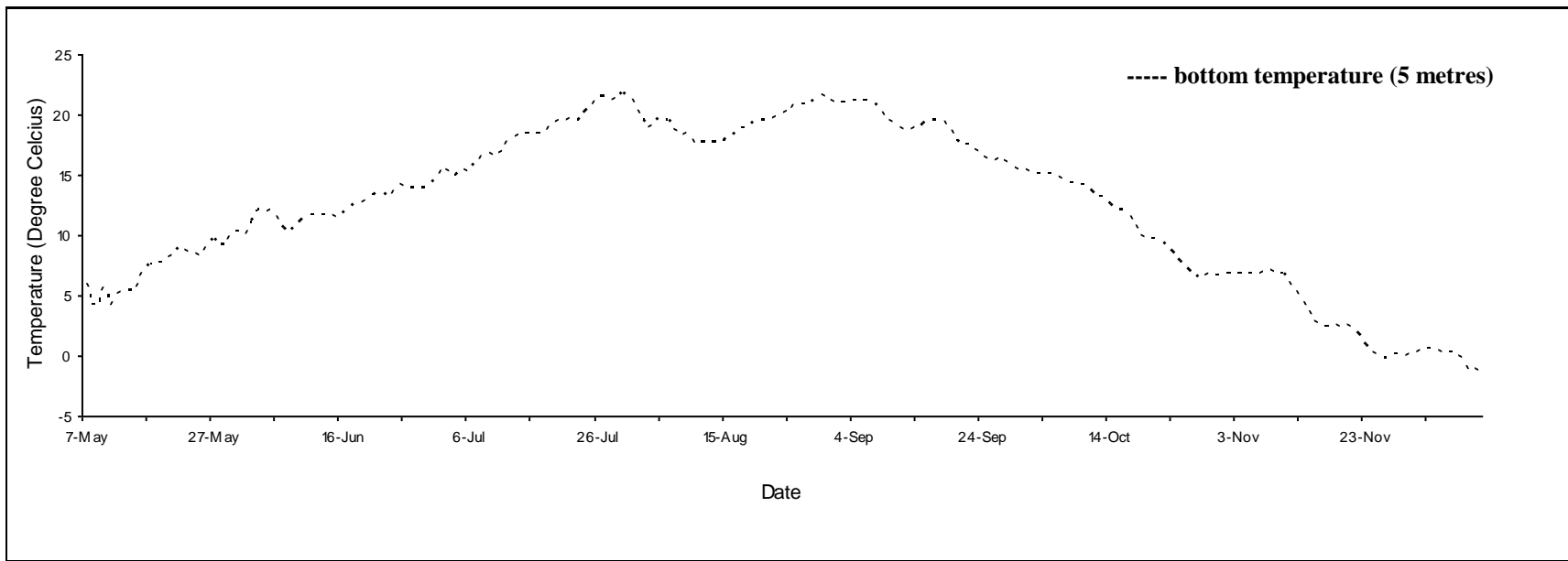
November

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 11/1/2018 | 6.8 | 0.05 | 6.7 | 6.9 | 6.8 | 2.8 | NA | NA | NA | NA | NA | NA |
| 11/2/2018 | 6.8 | 0.04 | 6.8 | 6.9 | 13.6 | 5.6 | NA | NA | NA | NA | NA | NA |
| 11/3/2018 | 6.8 | 0.05 | 6.7 | 6.9 | 20.4 | 8.4 | NA | NA | NA | NA | NA | NA |
| 11/4/2018 | 6.8 | 0.05 | 6.7 | 6.9 | 27.2 | 11.2 | NA | NA | NA | NA | NA | NA |
| 11/5/2018 | 6.8 | 0.02 | 6.8 | 6.8 | 34.0 | 14.0 | NA | NA | NA | NA | NA | NA |
| 11/6/2018 | 6.8 | 0.06 | 6.7 | 6.8 | 40.8 | 16.8 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 11/7/2018 | 6.9 | 0.14 | 6.7 | 7.1 | 47.7 | 19.7 | NA | NA | NA | NA | NA | NA |
| 11/8/2018 | 7.1 | 0.04 | 7.0 | 7.1 | 54.7 | 22.7 | NA | NA | NA | NA | NA | NA |
| 11/9/2018 | 7.0 | 0.06 | 6.9 | 7.1 | 61.7 | 25.7 | NA | NA | NA | NA | NA | NA |
| 11/10/2018 | 6.8 | 0.13 | 6.6 | 6.9 | 68.5 | 28.5 | NA | NA | NA | NA | NA | NA |
| 11/11/2018 | 6.2 | 0.24 | 5.7 | 6.6 | 74.7 | 30.7 | NA | NA | NA | NA | NA | NA |
| 11/12/2018 | 5.5 | 0.18 | 5.2 | 5.7 | 80.1 | 32.1 | NA | NA | NA | NA | NA | NA |
| 11/13/2018 | 4.8 | 0.20 | 4.3 | 5.1 | 84.9 | 32.9 | NA | NA | NA | NA | NA | NA |
| 11/14/2018 | 3.9 | 0.43 | 3.2 | 4.6 | 88.7 | 32.9 | NA | NA | NA | NA | NA | NA |
| 11/15/2018 | 2.9 | 0.24 | 2.5 | 3.2 | 91.6 | 32.9 | NA | NA | NA | NA | NA | NA |
| 11/16/2018 | 2.6 | 0.43 | 2.0 | 3.1 | 94.2 | 32.9 | NA | NA | NA | NA | NA | NA |
| 11/17/2018 | 2.4 | 0.38 | 1.9 | 3.0 | 96.7 | 32.9 | NA | NA | NA | NA | NA | NA |
| 11/18/2018 | 2.6 | 0.17 | 2.3 | 2.8 | 99.2 | 32.9 | NA | NA | NA | NA | NA | NA |
| 11/19/2018 | 2.4 | 0.12 | 2.2 | 2.6 | 101.7 | 32.9 | NA | NA | NA | NA | NA | NA |
| 11/20/2018 | 2.5 | 0.12 | 2.3 | 2.6 | 104.2 | 32.9 | NA | NA | NA | NA | NA | NA |
| 11/21/2018 | 2.2 | 0.09 | 2.0 | 2.4 | 106.4 | 32.9 | NA | NA | NA | NA | NA | NA |
| 11/22/2018 | 1.7 | 0.32 | 1.2 | 2.3 | 108.1 | 32.9 | NA | NA | NA | NA | NA | NA |
| 11/23/2018 | 0.9 | 0.30 | 0.3 | 1.3 | 109.0 | 32.9 | NA | NA | NA | NA | NA | NA |
| 11/24/2018 | 0.2 | 0.22 | -0.1 | 0.5 | 109.2 | 32.9 | NA | NA | NA | NA | NA | NA |
| 11/25/2018 | 0.1 | 0.19 | -0.2 | 0.3 | 109.3 | 32.9 | NA | NA | NA | NA | NA | NA |
| 11/26/2018 | -0.1 | 0.17 | -0.3 | 0.2 | 109.3 | 32.9 | NA | NA | NA | NA | NA | NA |
| 11/27/2018 | 0.0 | 0.14 | -0.1 | 0.3 | 109.3 | 32.9 | NA | NA | NA | NA | NA | NA |
| 11/28/2018 | 0.2 | 0.13 | 0.0 | 0.4 | 109.5 | 32.9 | NA | NA | NA | NA | NA | NA |
| 11/29/2018 | 0.0 | 0.37 | -0.4 | 0.4 | 109.5 | 32.9 | NA | NA | NA | NA | NA | NA |
| 11/30/2018 | 0.2 | 0.22 | -0.3 | 0.4 | 109.7 | 32.9 | NA | NA | NA | NA | NA | NA |

December

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 12/1/2018 | 0.3 | 0.13 | 0.1 | 0.4 | 0.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/2/2018 | 0.6 | 0.03 | 0.5 | 0.6 | 0.9 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/3/2018 | 0.6 | 0.03 | 0.5 | 0.6 | 1.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/4/2018 | 0.6 | 0.06 | 0.5 | 0.6 | 2.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/5/2018 | 0.3 | 0.07 | 0.3 | 0.5 | 2.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/6/2018 | 0.4 | 0.03 | 0.3 | 0.4 | 2.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/7/2018 | 0.4 | 0.02 | 0.3 | 0.4 | 3.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/8/2018 | -0.1 | 0.33 | -0.5 | 0.3 | 3.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/9/2018 | -1.1 | 0.11 | -1.3 | -0.9 | 3.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/10/2018 | -1.1 | 0.10 | -1.3 | -1.0 | 3.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/11/2018 | -1.4 | 0.03 | -1.4 | -1.3 | 3.1 | 0.0 | NA | NA | NA | NA | NA | NA |



Daily mean temperature for Shediac, N.B., 2018.

Shippagan, N.B.

2018

April

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 4/27/2018 | 0.5 | 0.64 | -0.6 | 1.6 | 0.5 | 0.0 | 1.8 | 0.57 | 1.2 | 2.9 | 1.8 | 0.0 |
| 4/28/2018 | 0.4 | 0.11 | 0.3 | 0.7 | 0.9 | 0.0 | 2.3 | 0.50 | 1.8 | 3.6 | 4.1 | 0.0 |
| 4/29/2018 | 0.5 | 0.15 | 0.3 | 0.8 | 1.4 | 0.0 | 2.4 | 0.63 | 1.7 | 3.7 | 6.5 | 0.0 |
| 4/30/2018 | 0.2 | 0.18 | -0.2 | 0.4 | 1.7 | 0.0 | 2.3 | 0.34 | 1.8 | 2.8 | 8.8 | 0.0 |

May

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 5/1/2018 | -0.5 | 0.14 | -0.7 | -0.3 | 0.0 | 0.0 | 1.6 | 0.33 | 1.1 | 2.1 | 1.6 | 0.0 |
| 5/2/2018 | -0.6 | 0.18 | -0.8 | -0.2 | 0.0 | 0.0 | 2.2 | 0.44 | 1.3 | 2.9 | 3.8 | 0.0 |
| 5/3/2018 | -0.5 | 0.11 | -0.6 | -0.3 | 0.0 | 0.0 | 2.2 | 0.41 | 1.3 | 2.8 | 6.0 | 0.0 |
| 5/4/2018 | -0.6 | 0.08 | -0.7 | -0.5 | 0.0 | 0.0 | 3.0 | 0.49 | 2.3 | 3.7 | 9.0 | 0.0 |
| 5/5/2018 | 0.2 | 0.81 | -0.6 | 1.3 | 0.2 | 0.0 | 1.9 | 0.96 | 0.4 | 3.4 | 11.0 | 0.0 |
| 5/6/2018 | 1.2 | 0.17 | 1.0 | 1.5 | 1.4 | 0.0 | 2.5 | 0.43 | 1.9 | 3.1 | 13.4 | 0.0 |
| 5/7/2018 | 2.2 | 0.95 | 1.0 | 3.6 | 3.6 | 0.0 | 4.2 | 0.38 | 3.3 | 4.7 | 17.6 | 0.2 |
| 5/8/2018 | 2.3 | 0.75 | 1.4 | 3.7 | 5.9 | 0.0 | 5.2 | 0.46 | 4.8 | 6.1 | 22.8 | 1.4 |
| 5/9/2018 | 2.0 | 0.53 | 1.6 | 3.3 | 8.0 | 0.0 | 5.8 | 0.53 | 5.1 | 6.5 | 28.6 | 3.2 |
| 5/10/2018 | 1.1 | 0.14 | 0.8 | 1.3 | 9.0 | 0.0 | 6.2 | 0.90 | 3.8 | 6.8 | 34.8 | 5.3 |
| 5/11/2018 | 3.2 | 1.50 | 0.8 | 4.7 | 12.3 | 0.0 | 5.1 | 0.56 | 4.2 | 5.9 | 39.8 | 6.4 |
| 5/12/2018 | 4.5 | 0.26 | 4.3 | 5.1 | 16.8 | 0.5 | 4.9 | 0.43 | 4.4 | 5.6 | 44.8 | 7.4 |
| 5/13/2018 | 5.0 | 0.53 | 3.9 | 5.5 | 21.8 | 1.5 | 5.6 | 0.29 | 5.2 | 6.0 | 50.4 | 9.0 |
| 5/14/2018 | 3.8 | 0.62 | 2.8 | 5.0 | 25.6 | 1.5 | 6.1 | 0.35 | 5.7 | 6.7 | 56.5 | 11.0 |
| 5/15/2018 | 3.0 | 0.34 | 2.4 | 3.6 | 28.6 | 1.5 | 6.1 | 0.46 | 5.2 | 6.6 | 62.6 | 13.1 |
| 5/16/2018 | 3.4 | 1.00 | 2.5 | 5.7 | 32.1 | 1.5 | 6.5 | 0.54 | 5.6 | 7.3 | 69.1 | 15.6 |
| 5/17/2018 | 4.7 | 1.49 | 3.2 | 7.2 | 36.8 | 2.3 | 7.5 | 0.20 | 7.2 | 7.8 | 76.6 | 19.2 |
| 5/18/2018 | 5.7 | 0.91 | 4.3 | 7.2 | 42.5 | 4.0 | 7.3 | 0.20 | 6.8 | 7.4 | 83.8 | 22.4 |
| 5/19/2018 | 4.4 | 0.55 | 3.8 | 5.8 | 47.0 | 4.4 | 7.4 | 0.29 | 6.8 | 7.8 | 91.2 | 25.8 |
| 5/20/2018 | 3.8 | 0.27 | 3.3 | 4.4 | 50.8 | 4.4 | 7.4 | 0.42 | 6.9 | 8.0 | 98.6 | 29.2 |
| 5/21/2018 | 5.3 | 0.72 | 4.2 | 6.3 | 56.0 | 5.7 | 7.1 | 0.34 | 6.6 | 7.7 | 105.7 | 32.3 |
| 5/22/2018 | 5.7 | 0.55 | 5.0 | 7.0 | 61.7 | 7.4 | 7.8 | 0.37 | 7.3 | 8.3 | 113.5 | 36.0 |
| 5/23/2018 | 4.5 | 0.47 | 3.7 | 5.1 | 66.2 | 7.8 | 7.5 | 0.61 | 6.1 | 8.2 | 120.9 | 39.5 |
| 5/24/2018 | 3.0 | 0.06 | 2.9 | 3.1 | 69.2 | 7.8 | 7.3 | 0.42 | 6.6 | 8.0 | 128.2 | 42.8 |
| 5/25/2018 | 3.8 | 0.60 | 3.1 | 5.3 | 73.0 | 7.8 | 7.4 | 0.64 | 6.6 | 8.7 | 135.6 | 46.2 |
| 5/26/2018 | 2.7 | 0.62 | 2.1 | 4.4 | 75.6 | 7.8 | 7.5 | 0.52 | 6.7 | 8.2 | 143.1 | 49.6 |
| 5/27/2018 | 2.6 | 0.58 | 2.1 | 4.1 | 78.3 | 7.8 | 7.8 | 0.37 | 7.1 | 8.4 | 150.9 | 53.5 |
| 5/28/2018 | 3.0 | 0.42 | 2.3 | 3.8 | 81.3 | 7.8 | 7.6 | 0.46 | 6.5 | 8.3 | 158.5 | 57.1 |
| 5/29/2018 | 4.0 | 0.66 | 3.2 | 5.2 | 85.3 | 7.9 | 8.6 | 0.74 | 6.4 | 9.1 | 167.1 | 61.7 |
| 5/30/2018 | 4.7 | 0.97 | 3.4 | 7.2 | 90.0 | 8.5 | 9.3 | 0.51 | 8.4 | 10.0 | 176.5 | 67.1 |
| 5/31/2018 | 4.2 | 0.50 | 3.3 | 4.9 | 94.2 | 8.7 | 10.3 | 0.54 | 9.8 | 11.7 | 186.8 | 73.4 |

June

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/1/2018 | 3.3 | 0.64 | 2.5 | 4.7 | 3.3 | 0.0 | 10.7 | 0.52 | 10.1 | 11.5 | 10.7 | 6.7 |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/2/2018 | 3.5 | 0.81 | 2.6 | 5.3 | 6.8 | 0.0 | 10.6 | 0.92 | 9.2 | 12.2 | 21.3 | 13.3 |
| 6/3/2018 | 3.0 | 0.30 | 2.4 | 3.5 | 9.8 | 0.0 | 8.9 | 0.50 | 7.9 | 9.6 | 30.2 | 18.2 |
| 6/4/2018 | 4.4 | 0.85 | 3.1 | 5.6 | 14.2 | 0.4 | 9.2 | 0.38 | 8.5 | 9.7 | 39.4 | 23.4 |
| 6/5/2018 | 4.1 | 0.15 | 3.8 | 4.3 | 18.3 | 0.5 | 8.9 | 0.64 | 7.8 | 9.8 | 48.4 | 28.4 |
| 6/6/2018 | 3.4 | 0.30 | 2.9 | 3.8 | 21.7 | 0.5 | 8.5 | 0.61 | 7.9 | 9.8 | 56.9 | 32.9 |
| 6/7/2018 | 3.5 | 0.47 | 3.0 | 4.3 | 25.2 | 0.5 | 9.3 | 0.45 | 8.3 | 10.0 | 66.2 | 38.2 |
| 6/8/2018 | 6.4 | 1.56 | 4.4 | 8.6 | 31.7 | 3.0 | 10.0 | 0.79 | 8.8 | 11.3 | 76.2 | 44.2 |
| 6/9/2018 | 9.7 | 0.68 | 8.6 | 10.9 | 41.4 | 8.7 | 11.3 | 0.26 | 10.8 | 11.7 | 87.4 | 51.4 |
| 6/10/2018 | 9.1 | 1.77 | 5.5 | 10.6 | 50.4 | 13.8 | 11.4 | 0.12 | 11.1 | 11.6 | 98.8 | 58.8 |
| 6/11/2018 | 8.4 | 2.16 | 5.6 | 10.9 | 58.8 | 18.1 | 11.5 | 0.40 | 11.1 | 12.3 | 110.3 | 66.3 |
| 6/12/2018 | 7.7 | 2.48 | 3.4 | 11.1 | 66.5 | 21.8 | 11.6 | 0.16 | 11.4 | 11.9 | 121.9 | 73.9 |
| 6/13/2018 | 10.3 | 1.06 | 8.4 | 11.4 | 76.8 | 28.1 | 11.5 | 0.32 | 10.9 | 11.9 | 133.3 | 81.3 |
| 6/14/2018 | 5.1 | 2.10 | 3.2 | 10.5 | 81.9 | 29.2 | 11.3 | 0.32 | 10.8 | 11.9 | 144.6 | 88.6 |
| 6/15/2018 | 4.6 | 1.80 | 2.5 | 8.1 | 86.5 | 29.8 | 10.9 | 0.33 | 10.3 | 11.4 | 155.5 | 95.5 |
| 6/16/2018 | 4.2 | 1.01 | 3.1 | 6.6 | 90.7 | 30.0 | 11.0 | 0.28 | 10.4 | 11.5 | 166.5 | 102.5 |
| 6/17/2018 | 2.9 | 0.17 | 2.6 | 3.2 | 93.6 | 30.0 | 10.9 | 0.26 | 10.4 | 11.3 | 177.4 | 109.4 |
| 6/18/2018 | 4.2 | 1.25 | 2.7 | 5.7 | 97.7 | 30.2 | 10.4 | 0.45 | 9.6 | 10.9 | 187.8 | 115.8 |
| 6/19/2018 | 8.2 | 2.09 | 5.8 | 11.3 | 105.9 | 34.3 | 11.0 | 0.39 | 10.3 | 11.4 | 198.8 | 122.8 |
| 6/20/2018 | 11.0 | 0.25 | 10.5 | 11.3 | 116.9 | 41.3 | 11.5 | 0.26 | 11.2 | 11.9 | 210.3 | 130.3 |
| 6/21/2018 | 10.6 | 0.75 | 9.7 | 11.8 | 127.5 | 47.9 | 11.8 | 0.19 | 11.5 | 12.1 | 222.1 | 138.1 |
| 6/22/2018 | 10.5 | 0.69 | 8.3 | 10.9 | 138.0 | 54.5 | 12.0 | 0.28 | 11.6 | 12.7 | 234.1 | 146.1 |
| 6/23/2018 | 8.3 | 0.76 | 6.9 | 9.0 | 146.3 | 58.7 | 11.9 | 0.45 | 11.4 | 13.3 | 246.0 | 154.0 |
| 6/24/2018 | 8.9 | 1.13 | 6.0 | 10.5 | 155.2 | 63.6 | 12.3 | 0.37 | 11.9 | 13.0 | 258.3 | 162.3 |
| 6/25/2018 | 3.7 | 0.49 | 3.0 | 4.4 | 158.9 | 63.6 | 12.0 | 0.53 | 11.0 | 12.7 | 270.3 | 170.3 |
| 6/26/2018 | 4.5 | 0.99 | 3.0 | 6.4 | 163.3 | 64.1 | 11.7 | 0.39 | 11.2 | 12.3 | 282.0 | 178.0 |
| 6/27/2018 | 7.5 | 1.41 | 5.6 | 9.3 | 170.8 | 67.6 | 12.6 | 0.20 | 12.3 | 12.9 | 294.6 | 186.6 |
| 6/28/2018 | 7.2 | 1.04 | 5.7 | 9.1 | 178.0 | 70.8 | 13.0 | 0.16 | 12.7 | 13.3 | 307.7 | 195.7 |
| 6/29/2018 | 6.4 | 1.67 | 5.1 | 11.5 | 184.4 | 73.2 | 13.5 | 0.30 | 13.2 | 14.2 | 321.2 | 205.2 |
| 6/30/2018 | 6.8 | 1.00 | 6.0 | 9.3 | 191.3 | 76.0 | 14.2 | 0.23 | 13.8 | 14.7 | 335.4 | 215.4 |

July

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/1/2018 | 6.3 | 0.15 | 6.0 | 6.5 | 6.3 | 2.3 | 14.4 | 0.47 | 13.2 | 15.0 | 14.4 | 10.4 |
| 7/2/2018 | 6.2 | 0.17 | 5.9 | 6.5 | 12.5 | 4.5 | 14.5 | 0.10 | 14.3 | 14.7 | 28.9 | 20.9 |
| 7/3/2018 | 6.8 | 0.82 | 5.8 | 8.3 | 19.3 | 7.3 | 15.1 | 0.55 | 14.5 | 15.9 | 44.0 | 32.0 |
| 7/4/2018 | 8.3 | 0.90 | 6.1 | 9.9 | 27.6 | 11.6 | 16.0 | 0.43 | 15.2 | 16.5 | 60.0 | 44.0 |
| 7/5/2018 | 6.0 | 0.87 | 5.3 | 8.3 | 33.6 | 13.6 | 16.6 | 0.29 | 16.2 | 17.2 | 76.6 | 56.6 |
| 7/6/2018 | 8.1 | 3.21 | 5.8 | 15.0 | 41.7 | 17.7 | 16.8 | 0.83 | 15.5 | 18.1 | 93.4 | 69.4 |
| 7/7/2018 | 15.3 | 0.51 | 14.6 | 16.2 | 57.0 | 29.0 | 15.8 | 0.71 | 14.8 | 16.6 | 109.2 | 81.2 |
| 7/8/2018 | 13.9 | 1.81 | 11.9 | 16.4 | 70.8 | 38.8 | 16.4 | 0.23 | 15.9 | 16.8 | 125.6 | 93.6 |
| 7/9/2018 | 13.7 | 1.27 | 12.0 | 16.3 | 84.6 | 48.6 | 16.8 | 0.44 | 16.3 | 17.8 | 142.4 | 106.4 |
| 7/10/2018 | 12.8 | 1.98 | 9.5 | 15.0 | 97.4 | 57.4 | 17.4 | 0.29 | 17.0 | 17.9 | 159.8 | 119.8 |
| 7/11/2018 | 13.7 | 1.40 | 11.2 | 15.6 | 111.0 | 67.0 | 17.2 | 0.57 | 15.9 | 18.0 | 177.0 | 133.0 |
| 7/12/2018 | 8.2 | 1.93 | 6.1 | 12.8 | 119.3 | 71.3 | 17.7 | 0.83 | 16.0 | 18.8 | 194.7 | 146.7 |
| 7/13/2018 | 7.1 | 0.87 | 6.2 | 8.6 | 126.4 | 74.4 | 17.8 | 0.31 | 17.3 | 18.4 | 212.5 | 160.5 |
| 7/14/2018 | 6.5 | 1.09 | 5.7 | 9.9 | 132.9 | 76.9 | 17.5 | 0.16 | 17.3 | 17.8 | 230.0 | 174.0 |
| 7/15/2018 | 6.4 | 0.28 | 6.0 | 6.8 | 139.3 | 79.3 | 17.5 | 0.29 | 17.2 | 18.0 | 247.5 | 187.5 |
| 7/16/2018 | 6.6 | 0.21 | 6.2 | 6.8 | 145.9 | 81.9 | 17.3 | 0.63 | 16.2 | 18.6 | 264.8 | 200.8 |
| 7/17/2018 | 6.5 | 0.19 | 6.3 | 7.0 | 152.4 | 84.4 | 17.9 | 0.28 | 17.7 | 18.6 | 282.8 | 214.8 |
| 7/18/2018 | 9.7 | 3.14 | 6.7 | 14.3 | 162.1 | 90.1 | 17.3 | 0.42 | 16.7 | 18.1 | 300.0 | 228.0 |
| 7/19/2018 | 13.5 | 2.66 | 9.9 | 16.3 | 175.7 | 99.7 | 17.0 | 0.49 | 16.4 | 17.6 | 317.0 | 241.0 |
| 7/20/2018 | 9.6 | 0.39 | 9.2 | 10.6 | 185.3 | 105.3 | 17.3 | 0.37 | 16.8 | 17.9 | 334.3 | 254.3 |
| 7/21/2018 | 9.3 | 0.44 | 8.7 | 10.1 | 194.6 | 110.6 | 18.1 | 0.46 | 17.5 | 18.9 | 352.4 | 268.4 |
| 7/22/2018 | 8.4 | 0.61 | 7.2 | 9.3 | 203.0 | 115.0 | 18.7 | 0.83 | 17.0 | 19.8 | 371.1 | 283.1 |
| 7/23/2018 | 6.9 | 0.50 | 5.9 | 7.5 | 209.9 | 117.9 | 19.2 | 0.29 | 18.7 | 19.7 | 390.3 | 298.3 |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/24/2018 | 7.6 | 0.34 | 7.3 | 8.4 | 217.6 | 121.6 | 19.8 | 0.35 | 19.1 | 20.3 | 410.1 | 314.1 |
| 7/25/2018 | 8.6 | 1.17 | 7.5 | 10.9 | 226.1 | 126.1 | 20.5 | 0.26 | 20.0 | 20.9 | 430.5 | 330.5 |
| 7/26/2018 | 11.1 | 3.25 | 7.5 | 16.6 | 237.2 | 133.2 | 20.1 | 0.20 | 19.8 | 20.5 | 450.7 | 346.7 |
| 7/27/2018 | 10.4 | 3.96 | 6.4 | 17.8 | 247.6 | 139.6 | 20.0 | 0.50 | 19.4 | 21.3 | 470.7 | 362.7 |
| 7/28/2018 | 5.9 | 0.86 | 4.6 | 7.1 | 253.4 | 141.4 | 20.3 | 0.54 | 19.2 | 21.0 | 491.0 | 379.0 |
| 7/29/2018 | 5.1 | 0.33 | 4.6 | 5.7 | 258.6 | 142.6 | 20.6 | 0.40 | 19.7 | 21.0 | 511.6 | 395.6 |
| 7/30/2018 | 11.4 | 4.71 | 5.2 | 17.6 | 270.0 | 150.0 | 20.5 | 0.35 | 20.0 | 21.0 | 532.0 | 412.0 |
| 7/31/2018 | 8.5 | 4.04 | 5.0 | 16.7 | 278.5 | 154.5 | 20.0 | 0.12 | 19.7 | 20.1 | 552.0 | 428.0 |

August

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/1/2018 | 6.3 | 0.54 | 5.5 | 7.5 | 6.3 | 2.3 | 19.6 | 0.41 | 19.0 | 20.2 | 19.6 | 15.6 |
| 8/2/2018 | 5.7 | 0.86 | 3.8 | 7.1 | 12.0 | 4.0 | 19.8 | 0.24 | 19.4 | 20.2 | 39.3 | 31.3 |
| 8/3/2018 | 5.0 | 0.60 | 4.0 | 6.2 | 17.1 | 5.1 | 20.3 | 0.20 | 20.0 | 20.7 | 59.7 | 47.7 |
| 8/4/2018 | 5.4 | 0.44 | 4.8 | 6.4 | 22.4 | 6.4 | 19.1 | 0.60 | 18.2 | 20.0 | 78.8 | 62.8 |
| 8/5/2018 | 5.1 | 0.30 | 4.7 | 5.6 | 27.6 | 7.6 | 19.8 | 0.44 | 18.8 | 20.4 | 98.5 | 78.5 |
| 8/6/2018 | 4.9 | 0.22 | 4.6 | 5.4 | 32.4 | 8.4 | 20.2 | 0.71 | 18.6 | 21.1 | 118.7 | 94.7 |
| 8/7/2018 | 5.8 | 0.50 | 4.8 | 6.3 | 38.2 | 10.2 | 19.8 | 1.07 | 18.0 | 21.3 | 138.6 | 110.6 |
| 8/8/2018 | 8.5 | 1.97 | 5.4 | 11.8 | 46.7 | 14.7 | 18.3 | 0.87 | 17.1 | 19.8 | 156.8 | 124.8 |
| 8/9/2018 | 6.5 | 1.31 | 4.7 | 8.0 | 53.2 | 17.2 | 18.6 | 0.80 | 16.5 | 19.4 | 175.4 | 139.4 |
| 8/10/2018 | 8.6 | 4.92 | 3.0 | 17.0 | 61.8 | 21.8 | 18.1 | 0.42 | 17.2 | 18.4 | 193.5 | 153.5 |
| 8/11/2018 | 14.9 | 2.49 | 9.2 | 17.2 | 76.7 | 32.7 | 17.4 | 0.26 | 17.0 | 17.8 | 210.9 | 166.9 |
| 8/12/2018 | 11.7 | 2.78 | 9.0 | 16.6 | 88.4 | 40.4 | 17.8 | 0.43 | 17.3 | 18.7 | 228.8 | 180.8 |
| 8/13/2018 | 10.2 | 1.91 | 7.8 | 12.8 | 98.6 | 46.6 | 18.4 | 0.18 | 18.1 | 18.7 | 247.1 | 195.1 |
| 8/14/2018 | 10.8 | 2.01 | 8.2 | 15.3 | 109.5 | 53.5 | 18.7 | 0.18 | 18.4 | 19.0 | 265.8 | 209.8 |
| 8/15/2018 | 11.5 | 2.57 | 8.0 | 15.6 | 120.9 | 60.9 | 19.0 | 0.27 | 18.7 | 19.5 | 284.8 | 224.8 |
| 8/16/2018 | 7.9 | 1.20 | 6.2 | 10.3 | 128.8 | 64.8 | 18.7 | 0.46 | 17.9 | 19.4 | 303.5 | 239.5 |
| 8/17/2018 | 6.9 | 0.27 | 6.5 | 7.4 | 135.7 | 67.7 | 18.4 | 0.20 | 18.0 | 18.8 | 321.9 | 253.9 |
| 8/18/2018 | 7.2 | 0.44 | 6.5 | 8.0 | 143.0 | 71.0 | 18.1 | 0.23 | 17.8 | 18.4 | 339.9 | 267.9 |
| 8/19/2018 | 7.7 | 0.13 | 7.4 | 7.9 | 150.6 | 74.6 | 17.3 | 0.49 | 16.3 | 17.9 | 357.3 | 281.3 |
| 8/20/2018 | 8.7 | 0.70 | 7.5 | 9.7 | 159.4 | 79.4 | 16.7 | 0.34 | 16.2 | 17.3 | 374.0 | 294.0 |
| 8/21/2018 | 10.6 | 0.86 | 9.1 | 11.7 | 170.0 | 86.0 | 17.6 | 0.61 | 16.5 | 18.4 | 391.6 | 307.6 |
| 8/22/2018 | 10.7 | 0.43 | 9.8 | 11.5 | 180.6 | 92.6 | 18.0 | 0.15 | 17.7 | 18.1 | 409.6 | 321.6 |
| 8/23/2018 | 12.9 | 3.39 | 8.8 | 18.0 | 193.5 | 101.5 | 18.0 | 0.28 | 17.5 | 18.4 | 427.5 | 335.5 |
| 8/24/2018 | 16.6 | 1.04 | 14.5 | 18.0 | 210.1 | 114.1 | 18.2 | 0.23 | 17.9 | 18.5 | 445.7 | 349.7 |
| 8/25/2018 | 12.9 | 2.00 | 10.0 | 16.4 | 223.0 | 123.0 | 18.5 | 0.26 | 18.3 | 19.2 | 464.3 | 364.3 |
| 8/26/2018 | 12.2 | 0.78 | 10.8 | 13.5 | 235.2 | 131.2 | 18.8 | 0.15 | 18.5 | 19.1 | 483.1 | 379.1 |
| 8/27/2018 | 13.3 | 3.01 | 10.2 | 18.9 | 248.5 | 140.5 | 19.0 | 0.20 | 18.7 | 19.3 | 502.1 | 394.1 |
| 8/28/2018 | 14.2 | 2.30 | 10.3 | 18.7 | 262.7 | 150.7 | 19.2 | 0.18 | 18.9 | 19.6 | 521.3 | 409.3 |
| 8/29/2018 | 17.7 | 1.95 | 13.2 | 19.1 | 280.3 | 164.3 | 19.1 | 0.24 | 18.8 | 19.5 | 540.4 | 424.4 |
| 8/30/2018 | 14.9 | 2.12 | 12.3 | 18.7 | 295.2 | 175.2 | 18.9 | 0.17 | 18.6 | 19.1 | 559.3 | 439.3 |
| 8/31/2018 | 13.1 | 2.55 | 10.9 | 18.9 | 308.3 | 184.3 | 19.2 | 0.24 | 19.0 | 19.7 | 578.5 | 454.5 |

September

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/1/2018 | 11.6 | 1.50 | 8.4 | 12.9 | 11.6 | 7.6 | 19.0 | 0.32 | 18.4 | 19.3 | 19.0 | 15.0 |
| 9/2/2018 | 9.7 | 0.56 | 8.8 | 10.5 | 21.3 | 13.3 | 17.5 | 0.71 | 16.2 | 18.5 | 36.5 | 28.5 |
| 9/3/2018 | 11.5 | 0.71 | 10.6 | 12.9 | 32.8 | 20.8 | 16.6 | 0.66 | 15.5 | 17.6 | 53.1 | 41.1 |
| 9/4/2018 | 14.5 | 1.81 | 11.8 | 16.5 | 47.3 | 31.3 | 16.3 | 0.31 | 15.8 | 16.8 | 69.4 | 53.4 |
| 9/5/2018 | 15.3 | 0.84 | 13.9 | 16.8 | 62.6 | 42.6 | 17.2 | 0.40 | 16.5 | 17.8 | 86.6 | 66.6 |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/6/2018 | 15.7 | 1.90 | 12.6 | 17.6 | 78.3 | 54.3 | 17.3 | 0.25 | 16.9 | 17.7 | 103.9 | 79.9 |
| 9/7/2018 | 16.9 | 0.17 | 16.8 | 17.2 | 95.2 | 67.2 | 17.2 | 0.23 | 16.8 | 17.6 | 121.2 | 93.2 |
| 9/8/2018 | 16.6 | 0.30 | 16.1 | 17.0 | 111.9 | 79.9 | 17.0 | 0.25 | 16.6 | 17.4 | 138.2 | 106.2 |
| 9/9/2018 | 16.3 | 0.09 | 16.1 | 16.4 | 128.1 | 92.1 | 16.7 | 0.25 | 16.3 | 17.0 | 154.9 | 118.9 |
| 9/10/2018 | 16.2 | 0.06 | 16.1 | 16.3 | 144.3 | 104.3 | 16.5 | 0.24 | 16.1 | 17.0 | 171.4 | 131.4 |
| 9/11/2018 | 16.0 | 0.17 | 15.8 | 16.3 | 160.3 | 116.3 | 16.2 | 0.13 | 16.1 | 16.5 | 187.6 | 143.6 |
| 9/12/2018 | 15.6 | 0.53 | 14.4 | 16.2 | 175.9 | 127.9 | 16.3 | 0.14 | 16.1 | 16.5 | 204.0 | 156.0 |
| 9/13/2018 | 13.8 | 1.00 | 12.3 | 15.5 | 189.7 | 137.7 | 16.5 | 0.16 | 16.3 | 16.8 | 220.5 | 168.5 |
| 9/14/2018 | 11.4 | 0.92 | 10.4 | 13.0 | 201.2 | 145.2 | 16.8 | 0.13 | 16.6 | 17.0 | 237.3 | 181.3 |
| 9/15/2018 | 11.5 | 0.18 | 11.2 | 11.7 | 212.6 | 152.6 | 17.0 | 0.19 | 16.7 | 17.3 | 254.3 | 194.3 |
| 9/16/2018 | 11.7 | 0.18 | 11.5 | 12.0 | 224.3 | 160.3 | 17.2 | 0.26 | 16.6 | 17.6 | 271.5 | 207.5 |
| 9/17/2018 | 12.2 | 0.52 | 11.7 | 13.1 | 236.5 | 168.5 | 16.4 | 0.54 | 15.1 | 17.1 | 287.9 | 219.9 |
| 9/18/2018 | 7.3 | 1.96 | 3.6 | 11.1 | 243.9 | 171.9 | 13.4 | 2.67 | 9.3 | 16.7 | 301.3 | 229.3 |
| 9/19/2018 | 3.8 | 0.19 | 3.5 | 4.1 | 247.7 | 171.9 | 10.1 | 1.05 | 8.6 | 12.0 | 311.4 | 235.4 |
| 9/20/2018 | 6.3 | 0.91 | 4.6 | 7.7 | 253.9 | 174.1 | 10.4 | 0.96 | 9.5 | 11.7 | 321.8 | 241.8 |
| 9/21/2018 | 7.8 | 0.75 | 6.8 | 9.0 | 261.8 | 178.0 | 11.8 | 0.30 | 11.3 | 12.2 | 333.6 | 249.6 |
| 9/22/2018 | 10.8 | 1.11 | 9.0 | 11.7 | 272.5 | 184.7 | 11.8 | 0.70 | 10.9 | 12.9 | 345.4 | 257.4 |
| 9/23/2018 | 12.1 | 0.29 | 11.4 | 12.5 | 284.6 | 192.8 | 12.7 | 0.21 | 12.3 | 12.8 | 358.0 | 266.0 |
| 9/24/2018 | 12.0 | 0.45 | 11.2 | 12.4 | 296.7 | 200.9 | 12.3 | 0.10 | 12.2 | 12.5 | 370.3 | 274.3 |
| 9/25/2018 | 12.2 | 0.18 | 11.9 | 12.4 | 308.9 | 209.1 | 12.4 | 0.06 | 12.3 | 12.5 | 382.8 | 282.8 |
| 9/26/2018 | 12.3 | 0.08 | 12.1 | 12.4 | 321.2 | 217.4 | 12.4 | 0.07 | 12.3 | 12.6 | 395.2 | 291.2 |
| 9/27/2018 | 12.5 | 0.08 | 12.4 | 12.6 | 333.7 | 225.9 | 12.6 | 0.06 | 12.5 | 12.6 | 407.8 | 299.8 |
| 9/28/2018 | 12.1 | 0.18 | 11.9 | 12.6 | 345.8 | 234.0 | 12.4 | 0.14 | 12.2 | 12.6 | 420.2 | 308.2 |
| 9/29/2018 | 11.8 | 0.29 | 11.4 | 12.3 | 357.6 | 241.8 | 12.2 | 0.09 | 12.1 | 12.4 | 432.3 | 316.3 |
| 9/30/2018 | 11.8 | 0.38 | 11.4 | 12.3 | 369.4 | 249.6 | 12.3 | 0.08 | 12.2 | 12.4 | 444.6 | 324.6 |

October

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/1/2018 | 11.8 | 0.21 | 11.3 | 12.0 | 11.8 | 7.8 | 12.0 | 0.12 | 11.8 | 12.2 | 12.0 | 8.0 |
| 10/2/2018 | 11.3 | 0.33 | 10.9 | 11.8 | 23.1 | 15.1 | 11.9 | 0.15 | 11.6 | 12.2 | 23.9 | 15.9 |
| 10/3/2018 | 8.2 | 1.13 | 6.6 | 10.7 | 31.3 | 19.3 | 11.5 | 0.17 | 11.4 | 11.9 | 35.5 | 23.5 |
| 10/4/2018 | 7.6 | 0.32 | 6.9 | 8.1 | 38.9 | 22.9 | 11.7 | 0.21 | 11.2 | 11.9 | 47.1 | 31.1 |
| 10/5/2018 | 10.6 | 0.63 | 8.7 | 11.2 | 49.5 | 29.5 | 11.0 | 0.20 | 10.8 | 11.5 | 58.1 | 38.1 |
| 10/6/2018 | 10.9 | 0.15 | 10.6 | 11.1 | 60.4 | 36.4 | 11.1 | 0.18 | 10.9 | 11.4 | 69.3 | 45.3 |
| 10/7/2018 | 11.1 | 0.12 | 10.9 | 11.3 | 71.5 | 43.5 | 11.3 | 0.11 | 11.1 | 11.4 | 80.6 | 52.6 |
| 10/8/2018 | 11.0 | 0.04 | 10.9 | 11.1 | 82.5 | 50.5 | 11.1 | 0.08 | 11.0 | 11.3 | 91.7 | 59.7 |
| 10/9/2018 | 11.0 | 0.04 | 10.9 | 11.1 | 93.5 | 57.5 | 11.1 | 0.05 | 11.0 | 11.1 | 102.8 | 66.8 |
| 10/10/2018 | 10.9 | 0.06 | 10.7 | 11.0 | 104.3 | 64.3 | 11.0 | 0.11 | 10.8 | 11.1 | 113.8 | 73.8 |
| 10/11/2018 | 10.7 | 0.08 | 10.6 | 10.8 | 115.1 | 71.1 | 10.8 | 0.05 | 10.7 | 10.9 | 124.6 | 80.6 |
| 10/12/2018 | 8.3 | 1.09 | 7.0 | 10.3 | 123.4 | 75.4 | 10.6 | 0.09 | 10.4 | 10.7 | 135.1 | 87.1 |
| 10/13/2018 | 9.5 | 0.80 | 7.9 | 10.2 | 132.9 | 80.9 | 10.2 | 0.14 | 9.9 | 10.4 | 145.3 | 93.3 |
| 10/14/2018 | 9.7 | 0.12 | 9.5 | 9.9 | 142.6 | 86.6 | 9.8 | 0.11 | 9.5 | 9.9 | 155.0 | 99.0 |
| 10/15/2018 | 9.1 | 0.28 | 8.8 | 9.6 | 151.7 | 91.7 | 9.6 | 0.08 | 9.5 | 9.7 | 164.6 | 104.6 |
| 10/16/2018 | 9.5 | 0.16 | 9.2 | 9.7 | 161.2 | 97.2 | 9.6 | 0.16 | 9.3 | 9.7 | 174.2 | 110.2 |
| 10/17/2018 | 9.0 | 0.08 | 8.9 | 9.1 | 170.3 | 102.3 | 9.1 | 0.05 | 9.1 | 9.2 | 183.3 | 115.3 |
| 10/18/2018 | 8.7 | 0.22 | 8.2 | 9.0 | 179.0 | 107.0 | 8.8 | 0.22 | 8.3 | 9.0 | 192.1 | 120.1 |
| 10/19/2018 | 7.7 | 0.16 | 7.6 | 8.1 | 186.7 | 110.7 | 7.8 | 0.15 | 7.6 | 8.1 | 199.9 | 123.9 |
| 10/20/2018 | 7.5 | 0.04 | 7.5 | 7.6 | 194.2 | 114.2 | 7.7 | 0.08 | 7.6 | 7.8 | 207.6 | 127.6 |
| 10/21/2018 | 7.7 | 0.07 | 7.6 | 7.8 | 201.9 | 117.9 | 7.8 | 0.06 | 7.7 | 7.8 | 215.4 | 131.4 |
| 10/22/2018 | 7.0 | 0.20 | 6.9 | 7.5 | 209.0 | 121.0 | 7.1 | 0.26 | 6.9 | 7.8 | 222.5 | 134.5 |
| 10/23/2018 | 6.8 | 0.06 | 6.7 | 6.9 | 215.8 | 123.8 | 6.9 | 0.08 | 6.7 | 7.0 | 229.4 | 137.4 |
| 10/24/2018 | 6.5 | 0.22 | 6.0 | 6.8 | 222.3 | 126.3 | 6.6 | 0.19 | 6.1 | 6.8 | 235.9 | 139.9 |
| 10/25/2018 | 6.1 | 0.40 | 5.4 | 6.5 | 228.4 | 128.4 | 5.9 | 0.57 | 5.1 | 6.6 | 241.9 | 141.9 |
| 10/26/2018 | 5.8 | 0.15 | 5.5 | 6.0 | 234.3 | 130.3 | 5.9 | 0.15 | 5.6 | 6.0 | 247.8 | 143.8 |
| 10/27/2018 | 5.8 | 0.06 | 5.7 | 5.9 | 240.1 | 132.1 | 5.9 | 0.08 | 5.8 | 6.1 | 253.7 | 145.7 |

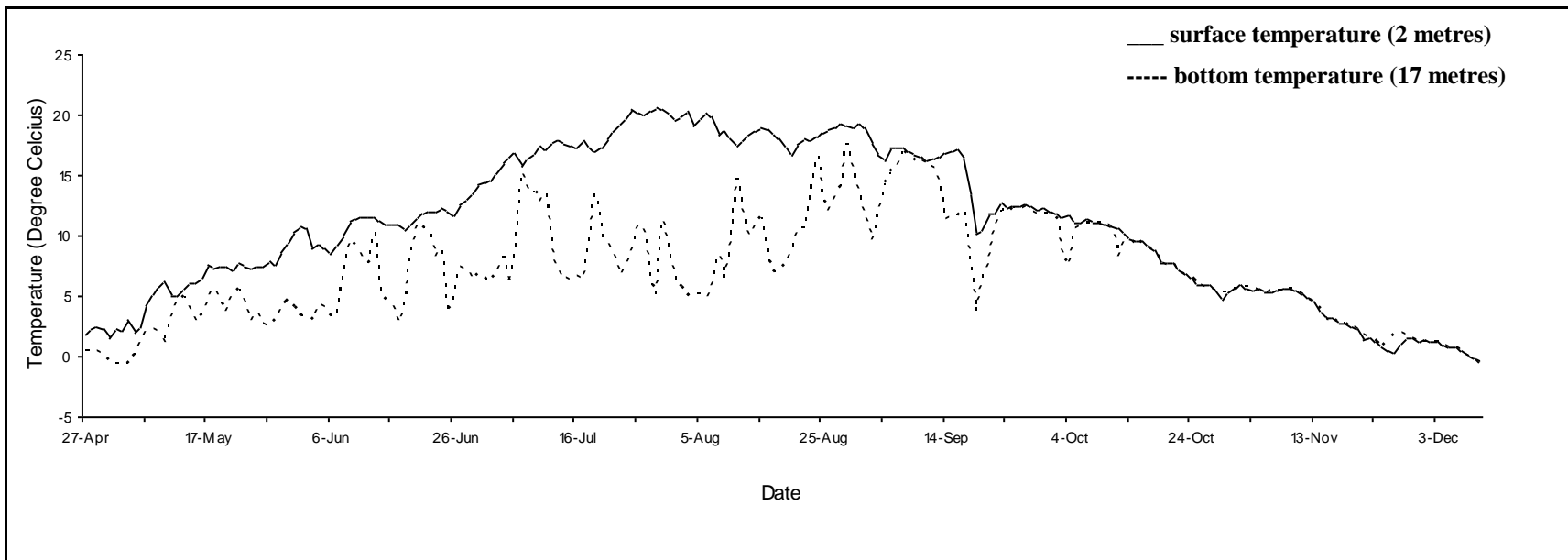
| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/28/2018 | 5.5 | 0.20 | 5.2 | 5.8 | 245.6 | 133.6 | 5.5 | 0.24 | 5.1 | 5.8 | 259.1 | 147.1 |
| 10/29/2018 | 5.3 | 0.04 | 5.2 | 5.3 | 250.9 | 134.9 | 4.7 | 0.28 | 4.3 | 5.4 | 263.8 | 147.8 |
| 10/30/2018 | 5.3 | 0.16 | 5.1 | 5.6 | 256.2 | 136.2 | 5.3 | 0.24 | 4.9 | 5.7 | 269.1 | 149.1 |
| 10/31/2018 | 5.6 | 0.28 | 5.2 | 5.9 | 261.8 | 137.8 | 5.6 | 0.29 | 5.2 | 6.0 | 274.7 | 150.7 |

November

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 11/1/2018 | 5.8 | 0.04 | 5.7 | 5.9 | 5.8 | 1.8 | 5.9 | 0.05 | 5.8 | 5.9 | 5.9 | 1.9 |
| 11/2/2018 | 5.7 | 0.06 | 5.6 | 5.8 | 11.5 | 3.5 | 5.7 | 0.06 | 5.6 | 5.8 | 11.5 | 3.5 |
| 11/3/2018 | 5.6 | 0.15 | 5.4 | 5.8 | 17.1 | 5.1 | 5.5 | 0.26 | 5.0 | 5.8 | 17.0 | 5.0 |
| 11/4/2018 | 5.5 | 0.09 | 5.3 | 5.7 | 22.6 | 6.6 | 5.6 | 0.09 | 5.4 | 5.7 | 22.6 | 6.6 |
| 11/5/2018 | 5.4 | 0.03 | 5.3 | 5.4 | 28.0 | 8.0 | 5.3 | 0.14 | 5.1 | 5.5 | 27.8 | 7.8 |
| 11/6/2018 | 5.4 | 0.03 | 5.4 | 5.5 | 33.4 | 9.4 | 5.2 | 0.09 | 5.1 | 5.4 | 33.1 | 9.1 |
| 11/7/2018 | 5.5 | 0.04 | 5.4 | 5.6 | 38.9 | 10.9 | 5.5 | 0.08 | 5.3 | 5.6 | 38.5 | 10.5 |
| 11/8/2018 | 5.5 | 0.09 | 5.3 | 5.7 | 44.4 | 12.4 | 5.6 | 0.09 | 5.4 | 5.7 | 44.1 | 12.1 |
| 11/9/2018 | 5.6 | 0.04 | 5.5 | 5.6 | 50.0 | 14.0 | 5.6 | 0.04 | 5.6 | 5.7 | 49.7 | 13.7 |
| 11/10/2018 | 5.4 | 0.07 | 5.3 | 5.5 | 55.4 | 15.4 | 5.4 | 0.09 | 5.3 | 5.6 | 55.2 | 15.2 |
| 11/11/2018 | 5.1 | 0.18 | 4.9 | 5.4 | 60.5 | 16.5 | 5.2 | 0.18 | 4.9 | 5.4 | 60.3 | 16.3 |
| 11/12/2018 | 4.7 | 0.07 | 4.6 | 4.8 | 65.3 | 17.3 | 4.8 | 0.07 | 4.7 | 4.9 | 65.1 | 17.1 |
| 11/13/2018 | 4.6 | 0.08 | 4.5 | 4.7 | 69.8 | 17.8 | 4.6 | 0.06 | 4.5 | 4.6 | 69.7 | 17.7 |
| 11/14/2018 | 3.9 | 0.60 | 3.1 | 4.6 | 73.7 | 17.8 | 3.7 | 0.49 | 3.2 | 4.5 | 73.4 | 17.7 |
| 11/15/2018 | 3.1 | 0.16 | 2.9 | 3.4 | 76.8 | 17.8 | 3.1 | 0.13 | 2.9 | 3.3 | 76.5 | 17.7 |
| 11/16/2018 | 3.2 | 0.07 | 3.1 | 3.3 | 80.0 | 17.8 | 3.2 | 0.04 | 3.1 | 3.2 | 79.7 | 17.7 |
| 11/17/2018 | 2.8 | 0.35 | 1.9 | 3.0 | 82.8 | 17.8 | 2.7 | 0.44 | 1.6 | 3.1 | 82.4 | 17.7 |
| 11/18/2018 | 2.7 | 0.14 | 2.5 | 2.9 | 85.4 | 17.8 | 2.7 | 0.14 | 2.5 | 3.0 | 85.1 | 17.7 |
| 11/19/2018 | 2.4 | 0.04 | 2.4 | 2.5 | 87.9 | 17.8 | 2.5 | 0.08 | 2.4 | 2.7 | 87.6 | 17.7 |
| 11/20/2018 | 2.3 | 0.24 | 1.8 | 2.6 | 90.2 | 17.8 | 2.3 | 0.34 | 1.5 | 2.6 | 89.9 | 17.7 |
| 11/21/2018 | 1.8 | 0.37 | 0.9 | 2.2 | 91.9 | 17.8 | 1.4 | 0.41 | 0.9 | 2.1 | 91.3 | 17.7 |
| 11/22/2018 | 1.5 | 0.48 | 0.9 | 2.2 | 93.5 | 17.8 | 1.5 | 0.48 | 0.9 | 2.3 | 92.8 | 17.7 |
| 11/23/2018 | 1.2 | 0.29 | 0.6 | 1.6 | 94.6 | 17.8 | 1.2 | 0.29 | 0.7 | 1.7 | 94.0 | 17.7 |
| 11/24/2018 | 0.7 | 0.25 | 0.3 | 1.0 | 95.4 | 17.8 | 0.7 | 0.29 | 0.2 | 1.1 | 94.8 | 17.7 |
| 11/25/2018 | 1.3 | 0.40 | 0.6 | 1.7 | 96.7 | 17.8 | 0.5 | 0.25 | 0.1 | 0.9 | 95.2 | 17.7 |
| 11/26/2018 | 1.8 | 0.11 | 1.7 | 1.9 | 98.5 | 17.8 | 0.4 | 0.68 | -0.8 | 1.4 | 95.6 | 17.7 |
| 11/27/2018 | 2.0 | 0.09 | 1.8 | 2.2 | 100.5 | 17.8 | 1.0 | 0.75 | -0.3 | 1.9 | 96.6 | 17.7 |
| 11/28/2018 | 1.8 | 0.36 | 1.3 | 2.4 | 102.3 | 17.8 | 1.5 | 0.42 | 0.6 | 1.9 | 98.1 | 17.7 |
| 11/29/2018 | 1.6 | 0.18 | 1.4 | 2.1 | 103.9 | 17.8 | 1.6 | 0.11 | 1.4 | 1.7 | 99.6 | 17.7 |
| 11/30/2018 | 1.4 | 0.25 | 0.9 | 1.6 | 105.3 | 17.8 | 1.2 | 0.41 | 0.5 | 1.7 | 100.9 | 17.7 |

December

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 12/1/2018 | 1.2 | 0.03 | 1.2 | 1.3 | 1.2 | 0.0 | 1.3 | 0.17 | 1.1 | 1.6 | 1.3 | 0.0 |
| 12/2/2018 | 1.3 | 0.11 | 1.0 | 1.4 | 2.5 | 0.0 | 1.2 | 0.21 | 0.9 | 1.5 | 2.5 | 0.0 |
| 12/3/2018 | 1.3 | 0.04 | 1.2 | 1.3 | 3.8 | 0.0 | 1.2 | 0.07 | 1.1 | 1.3 | 3.7 | 0.0 |
| 12/4/2018 | 0.9 | 0.19 | 0.6 | 1.2 | 4.7 | 0.0 | 1.0 | 0.18 | 0.7 | 1.2 | 4.7 | 0.0 |
| 12/5/2018 | 0.7 | 0.07 | 0.6 | 0.8 | 5.4 | 0.0 | 0.7 | 0.16 | 0.2 | 0.8 | 5.4 | 0.0 |
| 12/6/2018 | 0.8 | 0.07 | 0.6 | 0.9 | 6.2 | 0.0 | 0.8 | 0.12 | 0.6 | 1.0 | 6.2 | 0.0 |
| 12/7/2018 | 0.4 | 0.11 | 0.2 | 0.6 | 6.7 | 0.0 | 0.5 | 0.11 | 0.3 | 0.6 | 6.7 | 0.0 |
| 12/8/2018 | 0.0 | 0.19 | -0.4 | 0.2 | 6.7 | 0.0 | 0.0 | 0.19 | -0.4 | 0.2 | 6.7 | 0.0 |
| 12/9/2018 | -0.1 | 0.26 | -0.5 | 0.3 | 6.7 | 0.0 | -0.1 | 0.26 | -0.5 | 0.3 | 6.7 | 0.0 |
| 12/10/2018 | -0.4 | 0.17 | -0.7 | -0.2 | 6.7 | 0.0 | -0.4 | 0.16 | -0.7 | -0.1 | 6.7 | 0.0 |



Daily mean temperature for Shippagan, N.B., 2018.

Skinners Pond, P.E.I.

2018

July

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/6/2018 | 16.8 | 0.19 | 16.5 | 17.1 | 16.8 | 12.8 | NA | NA | NA | NA | NA | NA |
| 7/7/2018 | 16.6 | 0.14 | 16.4 | 16.8 | 33.4 | 25.4 | NA | NA | NA | NA | NA | NA |
| 7/8/2018 | 17.0 | 0.28 | 16.6 | 17.4 | 50.5 | 38.5 | NA | NA | NA | NA | NA | NA |
| 7/9/2018 | 17.5 | 0.13 | 17.3 | 17.8 | 68.0 | 52.0 | NA | NA | NA | NA | NA | NA |
| 7/10/2018 | 17.3 | 0.12 | 17.1 | 17.6 | 85.3 | 65.3 | NA | NA | NA | NA | NA | NA |
| 7/11/2018 | 16.5 | 1.61 | 12.4 | 17.5 | 101.7 | 77.7 | NA | NA | NA | NA | NA | NA |
| 7/12/2018 | 14.2 | 1.26 | 11.4 | 15.8 | 115.9 | 87.9 | NA | NA | NA | NA | NA | NA |
| 7/13/2018 | 14.7 | 1.16 | 12.9 | 16.5 | 130.6 | 98.6 | NA | NA | NA | NA | NA | NA |
| 7/14/2018 | 14.8 | 1.35 | 12.1 | 16.2 | 145.5 | 109.5 | NA | NA | NA | NA | NA | NA |
| 7/15/2018 | 14.8 | 0.96 | 12.9 | 15.8 | 160.2 | 120.2 | NA | NA | NA | NA | NA | NA |
| 7/16/2018 | 14.9 | 0.94 | 13.5 | 16.7 | 175.2 | 131.2 | NA | NA | NA | NA | NA | NA |
| 7/17/2018 | 15.1 | 1.42 | 13.1 | 17.2 | 190.2 | 142.2 | NA | NA | NA | NA | NA | NA |
| 7/18/2018 | 16.9 | 1.04 | 15.0 | 17.9 | 207.1 | 155.1 | NA | NA | NA | NA | NA | NA |
| 7/19/2018 | 15.1 | 1.10 | 13.5 | 16.7 | 222.1 | 166.1 | NA | NA | NA | NA | NA | NA |
| 7/20/2018 | 15.1 | 1.07 | 13.7 | 16.9 | 237.2 | 177.2 | NA | NA | NA | NA | NA | NA |
| 7/21/2018 | 16.9 | 1.21 | 14.9 | 19.0 | 254.1 | 190.1 | NA | NA | NA | NA | NA | NA |
| 7/22/2018 | 16.4 | 0.83 | 15.6 | 18.5 | 270.5 | 202.5 | NA | NA | NA | NA | NA | NA |
| 7/23/2018 | 19.7 | 0.81 | 17.8 | 20.5 | 290.2 | 218.2 | NA | NA | NA | NA | NA | NA |
| 7/24/2018 | 20.1 | 0.55 | 18.7 | 20.8 | 310.3 | 234.3 | NA | NA | NA | NA | NA | NA |
| 7/25/2018 | 20.7 | 0.30 | 20.2 | 21.3 | 331.0 | 251.0 | NA | NA | NA | NA | NA | NA |
| 7/26/2018 | 21.1 | 0.14 | 20.9 | 21.3 | 352.1 | 268.1 | NA | NA | NA | NA | NA | NA |
| 7/27/2018 | 21.4 | 0.14 | 21.2 | 21.6 | 373.5 | 285.5 | NA | NA | NA | NA | NA | NA |
| 7/28/2018 | 21.7 | 0.28 | 21.4 | 22.2 | 395.2 | 303.2 | NA | NA | NA | NA | NA | NA |
| 7/29/2018 | 21.7 | 0.60 | 20.3 | 22.2 | 416.8 | 320.8 | NA | NA | NA | NA | NA | NA |
| 7/30/2018 | 21.3 | 0.74 | 19.8 | 22.0 | 438.1 | 338.1 | NA | NA | NA | NA | NA | NA |
| 7/31/2018 | 21.1 | 0.50 | 20.1 | 21.9 | 459.2 | 355.2 | NA | NA | NA | NA | NA | NA |

August

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/1/2018 | 21.1 | 1.05 | 18.2 | 22.4 | 21.1 | 17.1 | NA | NA | NA | NA | NA | NA |
| 8/2/2018 | 21.0 | 0.53 | 20.3 | 21.7 | 42.1 | 34.1 | NA | NA | NA | NA | NA | NA |
| 8/3/2018 | 21.5 | 0.30 | 21.1 | 22.0 | 63.6 | 51.6 | NA | NA | NA | NA | NA | NA |
| 8/4/2018 | 21.4 | 0.19 | 20.9 | 21.7 | 84.9 | 68.9 | NA | NA | NA | NA | NA | NA |
| 8/5/2018 | 18.9 | 2.93 | 15.1 | 21.7 | 103.8 | 83.8 | NA | NA | NA | NA | NA | NA |
| 8/6/2018 | 17.6 | 1.35 | 15.7 | 20.3 | 121.4 | 97.4 | NA | NA | NA | NA | NA | NA |
| 8/7/2018 | 18.1 | 0.94 | 16.5 | 19.6 | 139.5 | 111.5 | NA | NA | NA | NA | NA | NA |
| 8/8/2018 | 20.0 | 2.14 | 17.5 | 22.0 | 159.5 | 127.5 | NA | NA | NA | NA | NA | NA |
| 8/9/2018 | 19.6 | 0.93 | 17.8 | 20.9 | 179.1 | 143.1 | NA | NA | NA | NA | NA | NA |
| 8/10/2018 | 21.5 | 0.10 | 21.3 | 21.6 | 200.6 | 160.6 | NA | NA | NA | NA | NA | NA |
| 8/11/2018 | 21.1 | 0.19 | 20.9 | 21.4 | 221.7 | 177.7 | NA | NA | NA | NA | NA | NA |
| 8/12/2018 | 20.9 | 0.54 | 19.8 | 21.7 | 242.7 | 194.7 | NA | NA | NA | NA | NA | NA |
| 8/13/2018 | 21.0 | 1.61 | 16.8 | 22.1 | 263.7 | 211.7 | NA | NA | NA | NA | NA | NA |
| 8/14/2018 | 21.3 | 0.76 | 19.5 | 22.0 | 285.0 | 229.0 | NA | NA | NA | NA | NA | NA |
| 8/15/2018 | 20.2 | 1.89 | 16.4 | 21.6 | 305.2 | 245.2 | NA | NA | NA | NA | NA | NA |
| 8/16/2018 | 16.9 | 2.33 | 13.9 | 19.7 | 322.1 | 258.1 | NA | NA | NA | NA | NA | NA |
| 8/17/2018 | 14.5 | 0.67 | 13.6 | 15.5 | 336.6 | 268.6 | NA | NA | NA | NA | NA | NA |
| 8/18/2018 | 16.6 | 0.87 | 15.5 | 17.9 | 353.2 | 281.2 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/19/2018 | 15.6 | 0.63 | 14.1 | 16.5 | 368.8 | 292.8 | NA | NA | NA | NA | NA | NA |
| 8/20/2018 | 16.1 | 0.81 | 15.0 | 17.0 | 384.9 | 304.9 | NA | NA | NA | NA | NA | NA |
| 8/21/2018 | 17.1 | 0.45 | 16.4 | 17.8 | 402.0 | 318.0 | NA | NA | NA | NA | NA | NA |
| 8/22/2018 | 17.5 | 0.59 | 16.8 | 18.4 | 419.5 | 331.5 | NA | NA | NA | NA | NA | NA |
| 8/23/2018 | 19.0 | 0.89 | 17.4 | 19.7 | 438.6 | 346.6 | NA | NA | NA | NA | NA | NA |
| 8/24/2018 | 19.5 | 0.12 | 19.4 | 19.7 | 458.1 | 362.1 | NA | NA | NA | NA | NA | NA |
| 8/25/2018 | 19.8 | 0.19 | 19.6 | 20.1 | 477.9 | 377.9 | NA | NA | NA | NA | NA | NA |
| 8/26/2018 | 20.0 | 0.11 | 19.8 | 20.1 | 497.8 | 393.8 | NA | NA | NA | NA | NA | NA |
| 8/27/2018 | 20.0 | 0.27 | 19.6 | 20.3 | 517.8 | 409.8 | NA | NA | NA | NA | NA | NA |
| 8/28/2018 | 20.3 | 0.23 | 20.0 | 20.7 | 538.1 | 426.1 | NA | NA | NA | NA | NA | NA |
| 8/29/2018 | 20.5 | 0.14 | 20.3 | 20.8 | 558.7 | 442.7 | NA | NA | NA | NA | NA | NA |
| 8/30/2018 | 20.2 | 0.13 | 19.9 | 20.4 | 578.9 | 458.9 | NA | NA | NA | NA | NA | NA |
| 8/31/2018 | 18.0 | 2.04 | 14.8 | 20.2 | 596.8 | 472.8 | NA | NA | NA | NA | NA | NA |

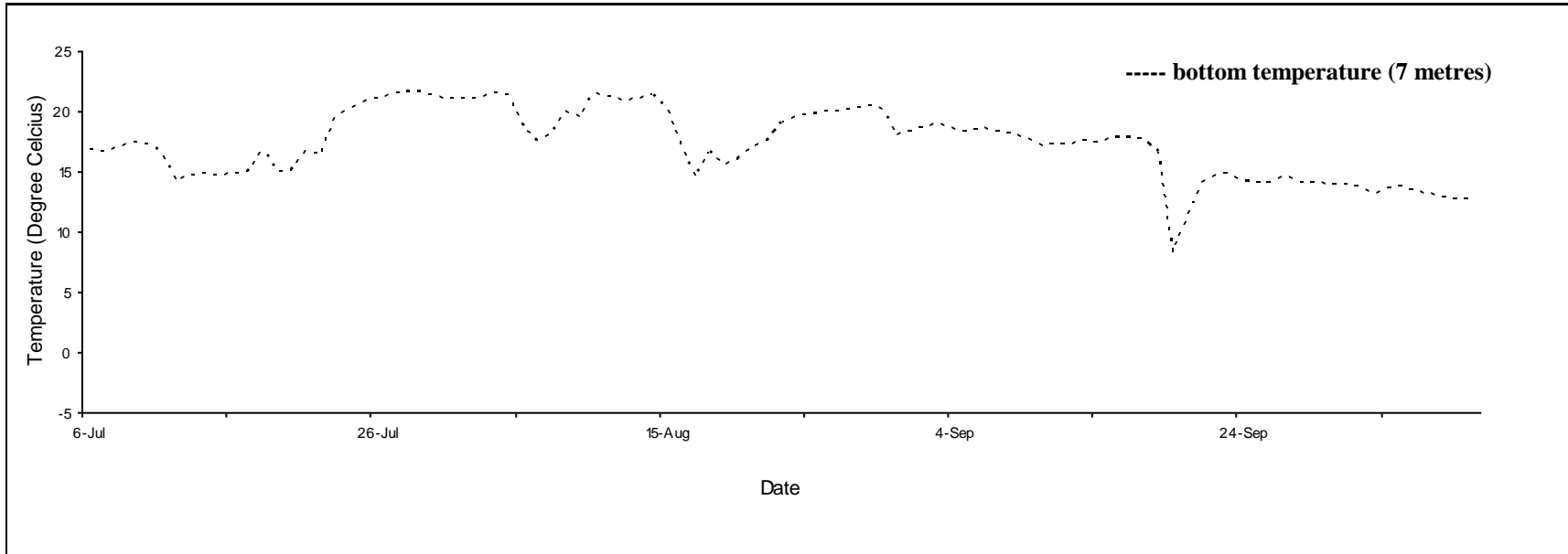
September

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/1/2018 | 18.3 | 0.53 | 17.2 | 18.8 | 18.3 | 14.3 | NA | NA | NA | NA | NA | NA |
| 9/2/2018 | 18.8 | 0.18 | 18.6 | 19.1 | 37.1 | 29.1 | NA | NA | NA | NA | NA | NA |
| 9/3/2018 | 18.9 | 0.17 | 18.7 | 19.2 | 56.1 | 44.1 | NA | NA | NA | NA | NA | NA |
| 9/4/2018 | 18.5 | 0.53 | 17.5 | 19.0 | 74.6 | 58.6 | NA | NA | NA | NA | NA | NA |
| 9/5/2018 | 18.3 | 0.43 | 17.5 | 18.8 | 92.8 | 72.8 | NA | NA | NA | NA | NA | NA |
| 9/6/2018 | 18.6 | 0.49 | 17.6 | 19.0 | 111.5 | 87.5 | NA | NA | NA | NA | NA | NA |
| 9/7/2018 | 18.4 | 0.08 | 18.2 | 18.5 | 129.8 | 101.8 | NA | NA | NA | NA | NA | NA |
| 9/8/2018 | 18.2 | 0.12 | 18.1 | 18.4 | 148.1 | 116.1 | NA | NA | NA | NA | NA | NA |
| 9/9/2018 | 17.7 | 0.17 | 17.5 | 18.0 | 165.8 | 129.8 | NA | NA | NA | NA | NA | NA |
| 9/10/2018 | 17.2 | 0.59 | 15.7 | 17.9 | 183.0 | 143.0 | NA | NA | NA | NA | NA | NA |
| 9/11/2018 | 17.2 | 0.32 | 16.6 | 17.8 | 200.2 | 156.2 | NA | NA | NA | NA | NA | NA |
| 9/12/2018 | 17.3 | 0.04 | 17.3 | 17.4 | 217.6 | 169.6 | NA | NA | NA | NA | NA | NA |
| 9/13/2018 | 17.5 | 0.35 | 17.3 | 18.2 | 235.1 | 183.1 | NA | NA | NA | NA | NA | NA |
| 9/14/2018 | 17.4 | 0.13 | 17.1 | 17.6 | 252.5 | 196.5 | NA | NA | NA | NA | NA | NA |
| 9/15/2018 | 17.8 | 0.20 | 17.6 | 18.3 | 270.4 | 210.4 | NA | NA | NA | NA | NA | NA |
| 9/16/2018 | 17.9 | 0.66 | 16.6 | 18.4 | 288.2 | 224.2 | NA | NA | NA | NA | NA | NA |
| 9/17/2018 | 17.7 | 0.39 | 16.8 | 18.2 | 305.9 | 237.9 | NA | NA | NA | NA | NA | NA |
| 9/18/2018 | 16.7 | 2.61 | 11.0 | 18.2 | 322.6 | 250.6 | NA | NA | NA | NA | NA | NA |
| 9/19/2018 | 8.3 | 0.95 | 7.3 | 9.8 | 330.9 | 254.9 | NA | NA | NA | NA | NA | NA |
| 9/20/2018 | 10.8 | 2.05 | 7.5 | 13.5 | 341.7 | 261.7 | NA | NA | NA | NA | NA | NA |
| 9/21/2018 | 14.1 | 0.44 | 13.3 | 14.7 | 355.9 | 271.9 | NA | NA | NA | NA | NA | NA |
| 9/22/2018 | 14.7 | 0.33 | 14.3 | 15.1 | 370.6 | 282.6 | NA | NA | NA | NA | NA | NA |
| 9/23/2018 | 14.8 | 0.21 | 14.5 | 15.1 | 385.5 | 293.5 | NA | NA | NA | NA | NA | NA |
| 9/24/2018 | 14.3 | 0.09 | 14.2 | 14.5 | 399.8 | 303.8 | NA | NA | NA | NA | NA | NA |
| 9/25/2018 | 14.1 | 0.10 | 14.0 | 14.3 | 413.9 | 313.9 | NA | NA | NA | NA | NA | NA |
| 9/26/2018 | 14.0 | 0.25 | 13.7 | 14.5 | 427.9 | 323.9 | NA | NA | NA | NA | NA | NA |
| 9/27/2018 | 14.8 | 0.08 | 14.6 | 14.9 | 442.7 | 334.7 | NA | NA | NA | NA | NA | NA |
| 9/28/2018 | 14.1 | 0.31 | 13.5 | 14.5 | 456.8 | 344.8 | NA | NA | NA | NA | NA | NA |
| 9/29/2018 | 14.1 | 0.13 | 14.0 | 14.4 | 470.9 | 354.9 | NA | NA | NA | NA | NA | NA |
| 9/30/2018 | 14.0 | 0.12 | 13.8 | 14.2 | 484.9 | 364.9 | NA | NA | NA | NA | NA | NA |

October

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/1/2018 | 14.0 | 0.05 | 13.9 | 14.0 | 14.0 | 10.0 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/2/2018 | 13.7 | 0.22 | 13.2 | 13.9 | 27.7 | 19.7 | NA | NA | NA | NA | NA | NA |
| 10/3/2018 | 13.2 | 0.28 | 12.8 | 13.6 | 40.8 | 28.8 | NA | NA | NA | NA | NA | NA |
| 10/4/2018 | 13.6 | 0.27 | 13.2 | 14.0 | 54.5 | 38.5 | NA | NA | NA | NA | NA | NA |
| 10/5/2018 | 13.8 | 0.09 | 13.6 | 13.9 | 68.2 | 48.2 | NA | NA | NA | NA | NA | NA |
| 10/6/2018 | 13.4 | 0.14 | 13.0 | 13.5 | 81.6 | 57.6 | NA | NA | NA | NA | NA | NA |
| 10/7/2018 | 13.2 | 0.09 | 13.0 | 13.3 | 94.7 | 66.7 | NA | NA | NA | NA | NA | NA |
| 10/8/2018 | 12.9 | 0.11 | 12.6 | 13.1 | 107.6 | 75.6 | NA | NA | NA | NA | NA | NA |
| 10/9/2018 | 12.8 | 0.25 | 12.2 | 13.0 | 120.4 | 84.4 | NA | NA | NA | NA | NA | NA |
| 10/10/2018 | 12.7 | 0.10 | 12.5 | 12.8 | 133.1 | 93.1 | NA | NA | NA | NA | NA | NA |



Daily mean temperature for Skinkers Pond, P.E.I., 2018.

Souris, P.E.I.

2018

April

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 4/28/2018 | -0.6 | 0.10 | -0.8 | -0.5 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/29/2018 | -0.6 | 0.06 | -0.8 | -0.5 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/30/2018 | -0.3 | 0.34 | -0.6 | 0.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |

May

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 5/1/2018 | -0.3 | 0.19 | -0.6 | 0.2 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/2/2018 | -0.3 | 0.04 | -0.4 | -0.2 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/3/2018 | -0.2 | 0.06 | -0.3 | -0.1 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/4/2018 | 0.2 | 0.12 | 0.0 | 0.3 | 0.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/5/2018 | 0.0 | 0.37 | -0.6 | 0.3 | 0.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/6/2018 | -0.5 | 0.06 | -0.6 | -0.4 | 0.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/7/2018 | -0.3 | 0.04 | -0.3 | -0.2 | 0.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/8/2018 | 0.2 | 0.26 | -0.3 | 0.5 | 0.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/9/2018 | 0.0 | 0.20 | -0.2 | 0.5 | 0.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/10/2018 | 0.1 | 0.12 | -0.2 | 0.2 | 0.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/11/2018 | 0.2 | 0.16 | 0.0 | 0.5 | 0.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/12/2018 | 0.2 | 0.15 | 0.0 | 0.5 | 0.9 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/13/2018 | 0.7 | 0.20 | 0.4 | 1.1 | 1.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/14/2018 | 1.8 | 0.45 | 1.1 | 2.5 | 3.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/15/2018 | 2.5 | 0.09 | 2.3 | 2.7 | 5.9 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/16/2018 | 2.7 | 0.33 | 2.3 | 3.6 | 8.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/17/2018 | 3.4 | 0.16 | 3.1 | 3.7 | 12.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/18/2018 | 3.7 | 0.22 | 3.4 | 4.0 | 15.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/19/2018 | 4.2 | 0.05 | 4.1 | 4.3 | 19.9 | 0.2 | NA | NA | NA | NA | NA | NA |
| 5/20/2018 | 4.3 | 0.07 | 4.1 | 4.4 | 24.2 | 0.4 | NA | NA | NA | NA | NA | NA |
| 5/21/2018 | 4.2 | 0.10 | 4.1 | 4.4 | 28.4 | 0.6 | NA | NA | NA | NA | NA | NA |
| 5/22/2018 | 4.3 | 0.15 | 4.1 | 4.5 | 32.7 | 0.9 | NA | NA | NA | NA | NA | NA |
| 5/23/2018 | 4.4 | 0.13 | 4.2 | 4.6 | 37.1 | 1.3 | NA | NA | NA | NA | NA | NA |
| 5/24/2018 | 4.5 | 0.22 | 4.3 | 4.9 | 41.6 | 1.9 | NA | NA | NA | NA | NA | NA |
| 5/25/2018 | 5.3 | 0.13 | 5.0 | 5.5 | 46.9 | 3.2 | NA | NA | NA | NA | NA | NA |
| 5/26/2018 | 5.8 | 0.26 | 5.3 | 6.1 | 52.7 | 4.9 | NA | NA | NA | NA | NA | NA |
| 5/27/2018 | 6.2 | 0.09 | 6.1 | 6.3 | 58.9 | 7.1 | NA | NA | NA | NA | NA | NA |
| 5/28/2018 | 6.7 | 0.35 | 6.3 | 7.2 | 65.6 | 9.8 | NA | NA | NA | NA | NA | NA |
| 5/29/2018 | 6.5 | 0.30 | 6.3 | 7.1 | 72.1 | 12.4 | NA | NA | NA | NA | NA | NA |
| 5/30/2018 | 6.3 | 0.08 | 6.2 | 6.4 | 78.5 | 14.7 | NA | NA | NA | NA | NA | NA |
| 5/31/2018 | 6.5 | 0.12 | 6.4 | 6.8 | 84.9 | 17.2 | NA | NA | NA | NA | NA | NA |

June

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/1/2018 | 7.1 | 0.10 | 7.0 | 7.3 | 7.1 | 3.1 | NA | NA | NA | NA | NA | NA |
| 6/2/2018 | 7.3 | 0.31 | 7.0 | 7.9 | 14.4 | 6.4 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/3/2018 | 7.3 | 0.05 | 7.3 | 7.4 | 21.8 | 9.8 | NA | NA | NA | NA | NA | NA |
| 6/4/2018 | 7.5 | 0.09 | 7.3 | 7.6 | 29.3 | 13.3 | NA | NA | NA | NA | NA | NA |
| 6/5/2018 | 7.5 | 0.13 | 7.3 | 7.8 | 36.8 | 16.8 | NA | NA | NA | NA | NA | NA |
| 6/6/2018 | 7.3 | 0.08 | 7.2 | 7.4 | 44.2 | 20.2 | NA | NA | NA | NA | NA | NA |
| 6/7/2018 | 7.3 | 0.21 | 7.1 | 7.6 | 51.5 | 23.5 | NA | NA | NA | NA | NA | NA |
| 6/8/2018 | 7.0 | 0.03 | 6.9 | 7.0 | 58.5 | 26.5 | NA | NA | NA | NA | NA | NA |
| 6/9/2018 | 6.5 | 0.24 | 6.2 | 6.9 | 65.0 | 29.0 | NA | NA | NA | NA | NA | NA |
| 6/10/2018 | 7.1 | 0.71 | 5.9 | 8.0 | 72.1 | 32.1 | NA | NA | NA | NA | NA | NA |
| 6/11/2018 | 8.2 | 0.42 | 7.6 | 8.9 | 80.2 | 36.2 | NA | NA | NA | NA | NA | NA |
| 6/12/2018 | 7.6 | 0.30 | 7.2 | 8.1 | 87.9 | 39.9 | NA | NA | NA | NA | NA | NA |
| 6/13/2018 | 7.1 | 0.41 | 6.7 | 8.0 | 94.9 | 42.9 | NA | NA | NA | NA | NA | NA |
| 6/14/2018 | 8.5 | 0.68 | 7.5 | 9.1 | 103.4 | 47.4 | NA | NA | NA | NA | NA | NA |
| 6/15/2018 | 8.9 | 0.26 | 8.3 | 9.1 | 112.3 | 52.3 | NA | NA | NA | NA | NA | NA |
| 6/16/2018 | 8.3 | 0.20 | 7.8 | 8.4 | 120.5 | 56.5 | NA | NA | NA | NA | NA | NA |
| 6/17/2018 | 7.7 | 0.75 | 7.0 | 8.9 | 128.3 | 60.3 | NA | NA | NA | NA | NA | NA |
| 6/18/2018 | 7.1 | 0.58 | 6.7 | 8.4 | 135.4 | 63.4 | NA | NA | NA | NA | NA | NA |
| 6/19/2018 | 6.5 | 0.33 | 5.9 | 6.9 | 141.9 | 65.9 | NA | NA | NA | NA | NA | NA |
| 6/20/2018 | 5.7 | 0.54 | 4.6 | 6.3 | 147.6 | 67.6 | NA | NA | NA | NA | NA | NA |
| 6/21/2018 | 7.5 | 0.23 | 7.1 | 7.8 | 155.2 | 71.2 | NA | NA | NA | NA | NA | NA |
| 6/22/2018 | 8.7 | 0.20 | 8.2 | 8.9 | 163.8 | 75.8 | NA | NA | NA | NA | NA | NA |
| 6/23/2018 | 9.1 | 0.25 | 8.8 | 9.5 | 172.9 | 80.9 | NA | NA | NA | NA | NA | NA |
| 6/24/2018 | 9.5 | 0.26 | 9.2 | 10.0 | 182.4 | 86.4 | NA | NA | NA | NA | NA | NA |
| 6/25/2018 | 10.6 | 0.53 | 9.9 | 11.4 | 193.1 | 93.1 | NA | NA | NA | NA | NA | NA |
| 6/26/2018 | 11.2 | 0.06 | 11.1 | 11.4 | 204.3 | 100.3 | NA | NA | NA | NA | NA | NA |
| 6/27/2018 | 11.3 | 0.08 | 11.1 | 11.4 | 215.6 | 107.6 | NA | NA | NA | NA | NA | NA |
| 6/28/2018 | 10.1 | 1.02 | 8.5 | 11.1 | 225.6 | 113.6 | NA | NA | NA | NA | NA | NA |
| 6/29/2018 | 8.7 | 0.28 | 8.2 | 9.2 | 234.3 | 118.3 | NA | NA | NA | NA | NA | NA |
| 6/30/2018 | 9.9 | 0.52 | 9.4 | 11.0 | 244.2 | 124.2 | NA | NA | NA | NA | NA | NA |

July

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/1/2018 | 11.2 | 0.19 | 10.9 | 11.6 | 11.2 | 7.2 | NA | NA | NA | NA | NA | NA |
| 7/2/2018 | 11.1 | 0.42 | 10.1 | 11.5 | 22.3 | 14.3 | NA | NA | NA | NA | NA | NA |
| 7/3/2018 | 11.1 | 0.43 | 10.7 | 11.7 | 33.4 | 21.4 | NA | NA | NA | NA | NA | NA |
| 7/4/2018 | 9.8 | 0.81 | 8.5 | 10.9 | 43.2 | 27.2 | NA | NA | NA | NA | NA | NA |
| 7/5/2018 | 11.4 | 0.21 | 11.0 | 11.9 | 54.6 | 34.6 | NA | NA | NA | NA | NA | NA |
| 7/6/2018 | 11.1 | 0.37 | 10.7 | 11.6 | 65.7 | 41.7 | NA | NA | NA | NA | NA | NA |
| 7/7/2018 | 8.7 | 1.06 | 7.1 | 9.9 | 74.4 | 46.4 | NA | NA | NA | NA | NA | NA |
| 7/8/2018 | 11.7 | 1.66 | 8.1 | 13.6 | 86.2 | 54.2 | NA | NA | NA | NA | NA | NA |
| 7/9/2018 | 13.6 | 0.36 | 13.0 | 14.2 | 99.8 | 63.8 | NA | NA | NA | NA | NA | NA |
| 7/10/2018 | 13.6 | 0.25 | 13.1 | 13.9 | 113.4 | 73.4 | NA | NA | NA | NA | NA | NA |
| 7/11/2018 | 13.7 | 0.51 | 13.3 | 15.0 | 127.1 | 83.1 | NA | NA | NA | NA | NA | NA |
| 7/12/2018 | 14.8 | 0.37 | 14.5 | 15.7 | 141.9 | 93.9 | NA | NA | NA | NA | NA | NA |
| 7/13/2018 | 14.5 | 0.53 | 13.7 | 15.7 | 156.4 | 104.4 | NA | NA | NA | NA | NA | NA |
| 7/14/2018 | 13.0 | 0.91 | 11.2 | 14.2 | 169.4 | 113.4 | NA | NA | NA | NA | NA | NA |
| 7/15/2018 | 11.4 | 1.31 | 9.6 | 13.9 | 180.9 | 120.9 | NA | NA | NA | NA | NA | NA |
| 7/16/2018 | 10.4 | 1.06 | 8.8 | 13.0 | 191.3 | 127.3 | NA | NA | NA | NA | NA | NA |
| 7/17/2018 | 10.6 | 0.57 | 9.7 | 11.1 | 201.8 | 133.8 | NA | NA | NA | NA | NA | NA |
| 7/18/2018 | 10.3 | 0.85 | 9.3 | 12.0 | 212.1 | 140.1 | NA | NA | NA | NA | NA | NA |
| 7/19/2018 | 9.5 | 0.89 | 8.3 | 11.2 | 221.6 | 145.6 | NA | NA | NA | NA | NA | NA |
| 7/20/2018 | 12.0 | 1.61 | 9.4 | 14.1 | 233.6 | 153.6 | NA | NA | NA | NA | NA | NA |
| 7/21/2018 | 11.0 | 0.47 | 10.2 | 11.6 | 244.5 | 160.5 | NA | NA | NA | NA | NA | NA |
| 7/22/2018 | 10.0 | 0.47 | 9.1 | 10.8 | 254.6 | 166.6 | NA | NA | NA | NA | NA | NA |
| 7/23/2018 | 8.1 | 0.67 | 7.1 | 9.1 | 262.7 | 170.7 | NA | NA | NA | NA | NA | NA |
| 7/24/2018 | 10.2 | 1.24 | 7.9 | 11.9 | 272.8 | 176.8 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/25/2018 | 9.8 | 1.25 | 7.8 | 12.6 | 282.6 | 182.6 | NA | NA | NA | NA | NA | NA |
| 7/26/2018 | 10.1 | 0.95 | 8.8 | 12.5 | 292.7 | 188.7 | NA | NA | NA | NA | NA | NA |
| 7/27/2018 | 10.8 | 1.63 | 9.2 | 13.5 | 303.5 | 195.5 | NA | NA | NA | NA | NA | NA |
| 7/28/2018 | 11.7 | 2.31 | 8.1 | 15.6 | 315.2 | 203.2 | NA | NA | NA | NA | NA | NA |
| 7/29/2018 | 9.7 | 1.26 | 8.1 | 11.9 | 324.9 | 208.9 | NA | NA | NA | NA | NA | NA |
| 7/30/2018 | 7.7 | 0.81 | 6.6 | 9.0 | 332.7 | 212.7 | NA | NA | NA | NA | NA | NA |
| 7/31/2018 | 10.5 | 2.30 | 8.1 | 15.4 | 343.2 | 219.2 | NA | NA | NA | NA | NA | NA |

August

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/1/2018 | 10.8 | 2.97 | 8.7 | 18.3 | 10.8 | 6.8 | NA | NA | NA | NA | NA | NA |
| 8/2/2018 | 8.8 | 1.10 | 7.3 | 10.9 | 19.6 | 11.6 | NA | NA | NA | NA | NA | NA |
| 8/3/2018 | 8.4 | 1.01 | 6.9 | 10.1 | 28.0 | 16.0 | NA | NA | NA | NA | NA | NA |
| 8/4/2018 | 11.9 | 2.87 | 8.8 | 16.2 | 39.8 | 23.8 | NA | NA | NA | NA | NA | NA |
| 8/5/2018 | 9.7 | 1.65 | 7.1 | 12.2 | 49.6 | 29.6 | NA | NA | NA | NA | NA | NA |
| 8/6/2018 | 8.7 | 0.55 | 7.7 | 9.7 | 58.3 | 34.3 | NA | NA | NA | NA | NA | NA |
| 8/7/2018 | 9.4 | 1.74 | 6.7 | 12.8 | 67.7 | 39.7 | NA | NA | NA | NA | NA | NA |
| 8/8/2018 | 8.3 | 0.67 | 7.0 | 9.3 | 76.0 | 44.0 | NA | NA | NA | NA | NA | NA |
| 8/9/2018 | 10.6 | 2.66 | 8.3 | 18.4 | 86.7 | 50.7 | NA | NA | NA | NA | NA | NA |
| 8/10/2018 | 8.4 | 1.00 | 7.0 | 10.6 | 95.0 | 55.0 | NA | NA | NA | NA | NA | NA |
| 8/11/2018 | 10.6 | 1.89 | 7.9 | 14.0 | 105.7 | 61.7 | NA | NA | NA | NA | NA | NA |
| 8/12/2018 | 12.0 | 1.94 | 9.3 | 16.0 | 117.7 | 69.7 | NA | NA | NA | NA | NA | NA |
| 8/13/2018 | 12.5 | 1.45 | 10.9 | 16.3 | 130.1 | 78.1 | NA | NA | NA | NA | NA | NA |
| 8/14/2018 | 11.0 | 2.22 | 8.3 | 15.2 | 141.2 | 85.2 | NA | NA | NA | NA | NA | NA |
| 8/15/2018 | 10.5 | 1.89 | 8.2 | 14.1 | 151.6 | 91.6 | NA | NA | NA | NA | NA | NA |
| 8/16/2018 | 9.7 | 1.45 | 7.8 | 12.3 | 161.4 | 97.4 | NA | NA | NA | NA | NA | NA |
| 8/17/2018 | 13.5 | 2.14 | 9.6 | 17.5 | 174.9 | 106.9 | NA | NA | NA | NA | NA | NA |
| 8/18/2018 | 9.4 | 2.32 | 7.7 | 14.2 | 184.3 | 112.3 | NA | NA | NA | NA | NA | NA |
| 8/19/2018 | 8.8 | 1.33 | 7.0 | 11.2 | 193.1 | 117.1 | NA | NA | NA | NA | NA | NA |
| 8/20/2018 | 7.1 | 0.70 | 6.4 | 8.7 | 200.2 | 120.2 | NA | NA | NA | NA | NA | NA |
| 8/21/2018 | 6.3 | 0.06 | 6.1 | 6.3 | 206.5 | 122.5 | NA | NA | NA | NA | NA | NA |
| 8/22/2018 | 6.1 | 0.20 | 5.8 | 6.4 | 212.6 | 124.6 | NA | NA | NA | NA | NA | NA |
| 8/23/2018 | 5.8 | 0.22 | 5.6 | 6.2 | 218.4 | 126.4 | NA | NA | NA | NA | NA | NA |
| 8/24/2018 | 5.7 | 1.18 | 4.4 | 8.0 | 224.1 | 128.1 | NA | NA | NA | NA | NA | NA |
| 8/25/2018 | 9.0 | 2.10 | 7.3 | 14.1 | 233.1 | 133.1 | NA | NA | NA | NA | NA | NA |
| 8/26/2018 | 10.4 | 1.79 | 8.9 | 13.9 | 243.5 | 139.5 | NA | NA | NA | NA | NA | NA |
| 8/27/2018 | 11.2 | 1.96 | 9.5 | 16.7 | 254.7 | 146.7 | NA | NA | NA | NA | NA | NA |
| 8/28/2018 | 11.7 | 1.82 | 10.1 | 15.6 | 266.4 | 154.4 | NA | NA | NA | NA | NA | NA |
| 8/29/2018 | 9.3 | 1.32 | 6.8 | 11.4 | 275.8 | 159.8 | NA | NA | NA | NA | NA | NA |
| 8/30/2018 | 12.8 | 1.94 | 10.3 | 17.5 | 288.6 | 168.6 | NA | NA | NA | NA | NA | NA |
| 8/31/2018 | 14.5 | 3.52 | 10.1 | 19.1 | 303.1 | 179.1 | NA | NA | NA | NA | NA | NA |

September

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/1/2018 | 15.0 | 3.31 | 10.8 | 19.1 | 15.0 | 11.0 | NA | NA | NA | NA | NA | NA |
| 9/2/2018 | 8.3 | 1.70 | 6.4 | 11.6 | 23.3 | 15.3 | NA | NA | NA | NA | NA | NA |
| 9/3/2018 | 7.8 | 0.72 | 6.9 | 9.1 | 31.2 | 19.2 | NA | NA | NA | NA | NA | NA |
| 9/4/2018 | 9.4 | 0.96 | 8.1 | 11.2 | 40.6 | 24.6 | NA | NA | NA | NA | NA | NA |
| 9/5/2018 | 13.7 | 2.90 | 9.8 | 18.4 | 54.2 | 34.2 | NA | NA | NA | NA | NA | NA |
| 9/6/2018 | 10.1 | 1.56 | 7.6 | 13.2 | 64.3 | 40.3 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/7/2018 | 11.6 | 3.83 | 7.1 | 18.0 | 75.9 | 47.9 | NA | NA | NA | NA | NA | NA |
| 9/8/2018 | 14.5 | 1.76 | 11.6 | 17.2 | 90.4 | 58.4 | NA | NA | NA | NA | NA | NA |
| 9/9/2018 | 14.0 | 2.90 | 9.8 | 17.2 | 104.4 | 68.4 | NA | NA | NA | NA | NA | NA |
| 9/10/2018 | 17.0 | 0.91 | 15.3 | 17.8 | 121.4 | 81.4 | NA | NA | NA | NA | NA | NA |
| 9/11/2018 | 17.2 | 1.00 | 15.2 | 18.4 | 138.6 | 94.6 | NA | NA | NA | NA | NA | NA |
| 9/12/2018 | 11.8 | 2.71 | 8.9 | 17.8 | 150.4 | 102.4 | NA | NA | NA | NA | NA | NA |
| 9/13/2018 | 10.4 | 2.11 | 7.5 | 13.0 | 160.9 | 108.9 | NA | NA | NA | NA | NA | NA |
| 9/14/2018 | 12.6 | 1.22 | 10.3 | 13.9 | 173.5 | 117.5 | NA | NA | NA | NA | NA | NA |
| 9/15/2018 | 10.7 | 1.70 | 7.9 | 12.8 | 184.2 | 124.2 | NA | NA | NA | NA | NA | NA |
| 9/16/2018 | 9.8 | 0.79 | 8.6 | 11.4 | 194.0 | 130.0 | NA | NA | NA | NA | NA | NA |
| 9/17/2018 | 12.4 | 1.55 | 10.5 | 14.7 | 206.4 | 138.4 | NA | NA | NA | NA | NA | NA |
| 9/18/2018 | 11.1 | 1.50 | 9.4 | 13.5 | 217.5 | 145.5 | NA | NA | NA | NA | NA | NA |
| 9/19/2018 | 16.4 | 0.87 | 14.4 | 17.3 | 233.8 | 157.8 | NA | NA | NA | NA | NA | NA |
| 9/20/2018 | 14.2 | 3.90 | 7.2 | 17.5 | 248.0 | 168.0 | NA | NA | NA | NA | NA | NA |
| 9/21/2018 | 6.8 | 0.28 | 6.4 | 7.2 | 254.9 | 170.9 | NA | NA | NA | NA | NA | NA |
| 9/22/2018 | 5.8 | 0.61 | 5.0 | 6.6 | 260.6 | 172.6 | NA | NA | NA | NA | NA | NA |
| 9/23/2018 | 6.7 | 3.12 | 4.0 | 11.7 | 267.3 | 175.3 | NA | NA | NA | NA | NA | NA |
| 9/24/2018 | 11.3 | 0.95 | 9.5 | 12.9 | 278.7 | 182.7 | NA | NA | NA | NA | NA | NA |
| 9/25/2018 | 13.4 | 0.89 | 11.8 | 14.2 | 292.1 | 192.1 | NA | NA | NA | NA | NA | NA |
| 9/26/2018 | 14.1 | 0.09 | 14.0 | 14.3 | 306.2 | 202.2 | NA | NA | NA | NA | NA | NA |
| 9/27/2018 | 11.7 | 1.41 | 9.9 | 14.3 | 318.0 | 210.0 | NA | NA | NA | NA | NA | NA |
| 9/28/2018 | 12.1 | 1.72 | 9.7 | 14.0 | 330.1 | 218.1 | NA | NA | NA | NA | NA | NA |
| 9/29/2018 | 13.0 | 0.63 | 12.1 | 13.8 | 343.1 | 227.1 | NA | NA | NA | NA | NA | NA |
| 9/30/2018 | 13.1 | 0.25 | 12.7 | 13.5 | 356.2 | 236.2 | NA | NA | NA | NA | NA | NA |

October

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/1/2018 | 12.6 | 1.05 | 10.5 | 13.5 | 12.6 | 8.6 | NA | NA | NA | NA | NA | NA |
| 10/2/2018 | 12.3 | 0.74 | 11.3 | 13.4 | 24.9 | 16.9 | NA | NA | NA | NA | NA | NA |
| 10/3/2018 | 13.7 | 0.39 | 12.6 | 14.0 | 38.6 | 26.6 | NA | NA | NA | NA | NA | NA |
| 10/4/2018 | 11.5 | 3.22 | 6.3 | 13.9 | 50.1 | 34.1 | NA | NA | NA | NA | NA | NA |
| 10/5/2018 | 6.7 | 0.40 | 6.1 | 7.3 | 56.8 | 36.8 | NA | NA | NA | NA | NA | NA |
| 10/6/2018 | 9.2 | 2.27 | 5.7 | 11.8 | 66.0 | 42.0 | NA | NA | NA | NA | NA | NA |
| 10/7/2018 | 10.8 | 0.71 | 9.8 | 11.9 | 76.7 | 48.7 | NA | NA | NA | NA | NA | NA |
| 10/8/2018 | 12.0 | 0.27 | 11.6 | 12.4 | 88.7 | 56.7 | NA | NA | NA | NA | NA | NA |
| 10/9/2018 | 12.4 | 0.34 | 12.0 | 13.0 | 101.1 | 65.1 | NA | NA | NA | NA | NA | NA |
| 10/10/2018 | 11.9 | 0.14 | 11.6 | 12.1 | 113.1 | 73.1 | NA | NA | NA | NA | NA | NA |
| 10/11/2018 | 12.1 | 0.09 | 11.9 | 12.2 | 125.1 | 81.1 | NA | NA | NA | NA | NA | NA |
| 10/12/2018 | 12.2 | 0.12 | 12.0 | 12.4 | 137.3 | 89.3 | NA | NA | NA | NA | NA | NA |
| 10/13/2018 | 11.6 | 1.35 | 8.6 | 12.3 | 148.9 | 96.9 | NA | NA | NA | NA | NA | NA |
| 10/14/2018 | 8.3 | 0.90 | 7.1 | 9.7 | 157.2 | 101.2 | NA | NA | NA | NA | NA | NA |
| 10/15/2018 | 9.1 | 0.71 | 8.0 | 9.9 | 166.3 | 106.3 | NA | NA | NA | NA | NA | NA |
| 10/16/2018 | 10.9 | 0.46 | 10.2 | 11.3 | 177.2 | 113.2 | NA | NA | NA | NA | NA | NA |
| 10/17/2018 | 9.7 | 0.46 | 9.1 | 10.4 | 186.9 | 118.9 | NA | NA | NA | NA | NA | NA |
| 10/18/2018 | 10.6 | 0.25 | 10.3 | 10.9 | 197.5 | 125.5 | NA | NA | NA | NA | NA | NA |
| 10/19/2018 | 10.1 | 0.17 | 9.8 | 10.4 | 207.6 | 131.6 | NA | NA | NA | NA | NA | NA |
| 10/20/2018 | 9.9 | 0.08 | 9.8 | 10.1 | 217.6 | 137.6 | NA | NA | NA | NA | NA | NA |
| 10/21/2018 | 9.9 | 0.14 | 9.6 | 10.1 | 227.5 | 143.5 | NA | NA | NA | NA | NA | NA |
| 10/22/2018 | 9.8 | 0.09 | 9.7 | 9.9 | 237.3 | 149.3 | NA | NA | NA | NA | NA | NA |
| 10/23/2018 | 9.5 | 0.09 | 9.4 | 9.7 | 246.9 | 154.9 | NA | NA | NA | NA | NA | NA |
| 10/24/2018 | 9.7 | 0.15 | 9.4 | 9.8 | 256.6 | 160.6 | NA | NA | NA | NA | NA | NA |
| 10/25/2018 | 9.8 | 0.06 | 9.6 | 9.9 | 266.3 | 166.3 | NA | NA | NA | NA | NA | NA |
| 10/26/2018 | 9.4 | 0.31 | 8.4 | 9.6 | 275.7 | 171.7 | NA | NA | NA | NA | NA | NA |
| 10/27/2018 | 8.9 | 0.28 | 8.5 | 9.3 | 284.6 | 176.6 | NA | NA | NA | NA | NA | NA |
| 10/28/2018 | 8.8 | 0.12 | 8.6 | 9.0 | 293.4 | 181.4 | NA | NA | NA | NA | NA | NA |

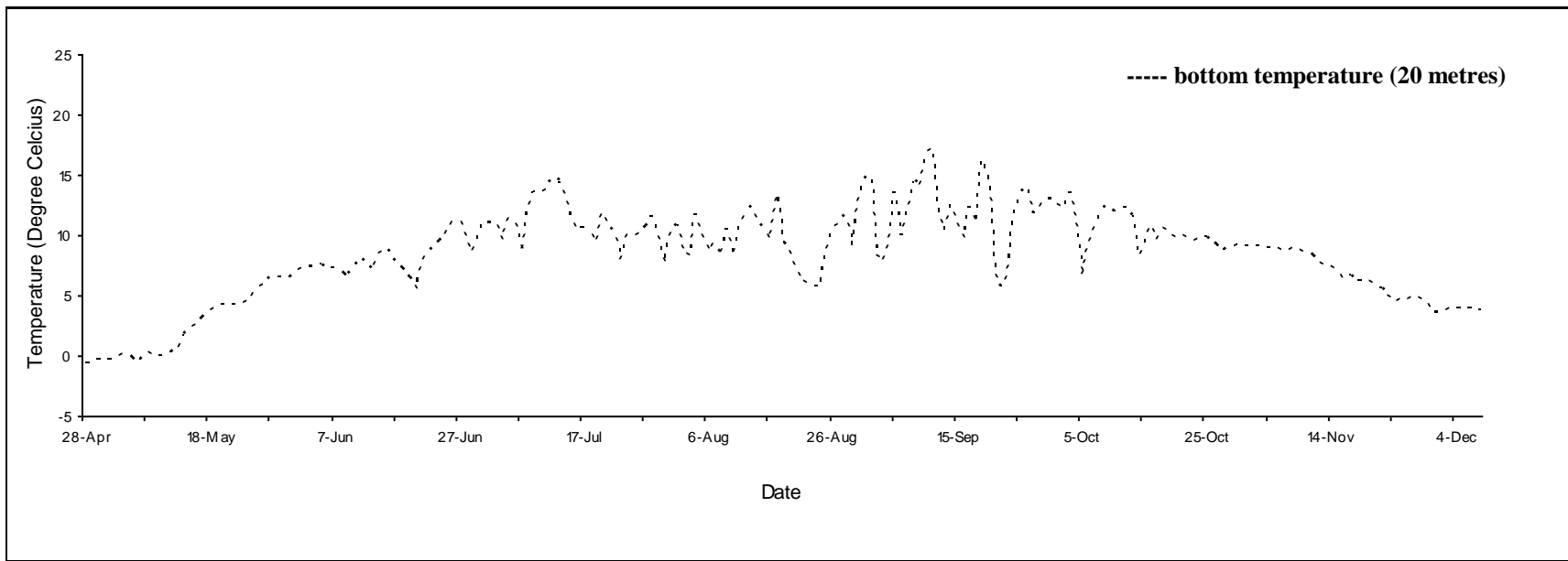
| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/29/2018 | 9.1 | 0.05 | 9.0 | 9.1 | 302.5 | 186.5 | NA | NA | NA | NA | NA | NA |
| 10/30/2018 | 9.2 | 0.05 | 9.1 | 9.3 | 311.7 | 191.7 | NA | NA | NA | NA | NA | NA |
| 10/31/2018 | 9.2 | 0.05 | 9.1 | 9.2 | 320.8 | 196.8 | NA | NA | NA | NA | NA | NA |

November

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 11/1/2018 | 9.1 | 0.03 | 9.1 | 9.1 | 9.1 | 5.1 | NA | NA | NA | NA | NA | NA |
| 11/2/2018 | 9.1 | 0.03 | 9.0 | 9.1 | 18.2 | 10.2 | NA | NA | NA | NA | NA | NA |
| 11/3/2018 | 9.0 | 0.03 | 9.0 | 9.1 | 27.2 | 15.2 | NA | NA | NA | NA | NA | NA |
| 11/4/2018 | 9.0 | 0.05 | 8.9 | 9.1 | 36.2 | 20.2 | NA | NA | NA | NA | NA | NA |
| 11/5/2018 | 8.9 | 0.01 | 8.9 | 9.0 | 45.1 | 25.1 | NA | NA | NA | NA | NA | NA |
| 11/6/2018 | 8.8 | 0.11 | 8.7 | 8.9 | 53.9 | 29.9 | NA | NA | NA | NA | NA | NA |
| 11/7/2018 | 8.8 | 0.05 | 8.7 | 8.9 | 62.7 | 34.7 | NA | NA | NA | NA | NA | NA |
| 11/8/2018 | 8.9 | 0.03 | 8.8 | 8.9 | 71.6 | 39.6 | NA | NA | NA | NA | NA | NA |
| 11/9/2018 | 8.7 | 0.06 | 8.7 | 8.9 | 80.3 | 44.3 | NA | NA | NA | NA | NA | NA |
| 11/10/2018 | 8.6 | 0.05 | 8.5 | 8.7 | 88.9 | 48.9 | NA | NA | NA | NA | NA | NA |
| 11/11/2018 | 8.3 | 0.20 | 8.0 | 8.6 | 97.2 | 53.2 | NA | NA | NA | NA | NA | NA |
| 11/12/2018 | 7.8 | 0.21 | 7.3 | 8.0 | 105.0 | 57.0 | NA | NA | NA | NA | NA | NA |
| 11/13/2018 | 7.5 | 0.27 | 6.9 | 8.0 | 112.5 | 60.5 | NA | NA | NA | NA | NA | NA |
| 11/14/2018 | 7.4 | 0.15 | 7.2 | 7.7 | 119.9 | 63.9 | NA | NA | NA | NA | NA | NA |
| 11/15/2018 | 7.1 | 0.12 | 6.8 | 7.2 | 127.0 | 67.0 | NA | NA | NA | NA | NA | NA |
| 11/16/2018 | 6.4 | 0.20 | 6.0 | 6.6 | 133.4 | 69.4 | NA | NA | NA | NA | NA | NA |
| 11/17/2018 | 6.6 | 0.11 | 6.5 | 6.8 | 140.1 | 72.1 | NA | NA | NA | NA | NA | NA |
| 11/18/2018 | 6.2 | 0.35 | 5.8 | 6.7 | 146.3 | 74.3 | NA | NA | NA | NA | NA | NA |
| 11/19/2018 | 6.3 | 0.11 | 6.1 | 6.4 | 152.6 | 76.6 | NA | NA | NA | NA | NA | NA |
| 11/20/2018 | 6.2 | 0.13 | 6.0 | 6.4 | 158.8 | 78.8 | NA | NA | NA | NA | NA | NA |
| 11/21/2018 | 5.9 | 0.08 | 5.8 | 6.0 | 164.6 | 80.6 | NA | NA | NA | NA | NA | NA |
| 11/22/2018 | 5.6 | 0.18 | 5.3 | 5.8 | 170.2 | 82.2 | NA | NA | NA | NA | NA | NA |
| 11/23/2018 | 5.0 | 0.44 | 4.3 | 5.6 | 175.2 | 83.2 | NA | NA | NA | NA | NA | NA |
| 11/24/2018 | 4.5 | 0.24 | 4.0 | 4.9 | 179.8 | 83.8 | NA | NA | NA | NA | NA | NA |
| 11/25/2018 | 4.8 | 0.25 | 4.0 | 4.9 | 184.5 | 84.5 | NA | NA | NA | NA | NA | NA |
| 11/26/2018 | 4.7 | 0.07 | 4.7 | 4.9 | 189.2 | 85.2 | NA | NA | NA | NA | NA | NA |
| 11/27/2018 | 4.9 | 0.14 | 4.7 | 5.1 | 194.1 | 86.1 | NA | NA | NA | NA | NA | NA |
| 11/28/2018 | 4.8 | 0.22 | 4.6 | 5.2 | 198.9 | 86.9 | NA | NA | NA | NA | NA | NA |
| 11/29/2018 | 4.7 | 0.19 | 4.4 | 4.9 | 203.6 | 87.6 | NA | NA | NA | NA | NA | NA |
| 11/30/2018 | 3.7 | 0.22 | 3.5 | 4.4 | 207.4 | 87.6 | NA | NA | NA | NA | NA | NA |

December

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 12/1/2018 | 3.6 | 0.08 | 3.5 | 3.7 | 3.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/2/2018 | 3.7 | 0.02 | 3.7 | 3.8 | 7.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/3/2018 | 3.9 | 0.05 | 3.8 | 4.0 | 11.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/4/2018 | 3.9 | 0.03 | 3.9 | 4.0 | 15.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/5/2018 | 4.0 | 0.03 | 3.9 | 4.0 | 19.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/6/2018 | 4.0 | 0.02 | 3.9 | 4.0 | 23.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/7/2018 | 3.9 | 0.05 | 3.8 | 4.0 | 27.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/8/2018 | 3.8 | 0.13 | 3.6 | 4.0 | 30.8 | 0.0 | NA | NA | NA | NA | NA | NA |



Daily mean temperature for Souris, P.E.I., 2018.

St Peters, P.E.I.

2018

April

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 4/25/2018 | 2.9 | 0.80 | 2.2 | 4.9 | 2.9 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/26/2018 | 2.4 | 0.47 | 1.6 | 3.2 | 5.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/27/2018 | 2.2 | 0.83 | 1.2 | 3.4 | 7.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/28/2018 | 2.8 | 0.26 | 2.4 | 3.1 | 10.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/29/2018 | 3.4 | 0.58 | 3.0 | 4.7 | 13.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/30/2018 | 2.9 | 0.75 | 1.6 | 4.1 | 16.6 | 0.0 | NA | NA | NA | NA | NA | NA |

May

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 5/1/2018 | 2.5 | 0.96 | 1.2 | 4.1 | 2.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/2/2018 | 3.7 | 0.43 | 3.0 | 4.6 | 6.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/3/2018 | 4.2 | 0.56 | 3.6 | 5.4 | 10.3 | 0.2 | NA | NA | NA | NA | NA | NA |
| 5/4/2018 | 3.6 | 0.25 | 3.2 | 4.0 | 14.0 | 0.2 | NA | NA | NA | NA | NA | NA |
| 5/5/2018 | 3.1 | 0.61 | 2.0 | 3.9 | 17.1 | 0.2 | NA | NA | NA | NA | NA | NA |
| 5/6/2018 | 4.2 | 0.44 | 3.7 | 5.1 | 21.3 | 0.4 | NA | NA | NA | NA | NA | NA |
| 5/7/2018 | 4.1 | 0.33 | 3.7 | 4.8 | 25.4 | 0.5 | NA | NA | NA | NA | NA | NA |
| 5/8/2018 | 4.3 | 0.47 | 3.8 | 5.2 | 29.7 | 0.8 | NA | NA | NA | NA | NA | NA |
| 5/9/2018 | 5.1 | 0.57 | 4.3 | 6.2 | 34.8 | 1.9 | NA | NA | NA | NA | NA | NA |
| 5/10/2018 | 4.5 | 0.27 | 4.3 | 5.2 | 39.4 | 2.4 | NA | NA | NA | NA | NA | NA |
| 5/11/2018 | 4.8 | 0.57 | 4.1 | 5.9 | 44.1 | 3.2 | NA | NA | NA | NA | NA | NA |
| 5/12/2018 | 5.7 | 0.40 | 5.0 | 6.4 | 49.8 | 4.9 | NA | NA | NA | NA | NA | NA |
| 5/13/2018 | 5.8 | 0.39 | 5.1 | 6.4 | 55.7 | 6.7 | NA | NA | NA | NA | NA | NA |
| 5/14/2018 | 5.9 | 0.63 | 5.1 | 6.9 | 61.6 | 8.6 | NA | NA | NA | NA | NA | NA |
| 5/15/2018 | 6.8 | 0.50 | 6.1 | 7.7 | 68.3 | 11.4 | NA | NA | NA | NA | NA | NA |
| 5/16/2018 | 6.4 | 0.56 | 5.7 | 7.4 | 74.7 | 13.8 | NA | NA | NA | NA | NA | NA |
| 5/17/2018 | 5.5 | 0.74 | 4.8 | 7.1 | 80.2 | 15.2 | NA | NA | NA | NA | NA | NA |
| 5/18/2018 | 5.8 | 0.60 | 5.2 | 6.9 | 86.0 | 17.0 | NA | NA | NA | NA | NA | NA |
| 5/19/2018 | 6.8 | 0.95 | 5.8 | 8.4 | 92.7 | 19.8 | NA | NA | NA | NA | NA | NA |
| 5/20/2018 | 7.1 | 0.69 | 6.4 | 8.4 | 99.9 | 22.9 | NA | NA | NA | NA | NA | NA |
| 5/21/2018 | 8.0 | 0.46 | 7.4 | 8.9 | 107.8 | 26.9 | NA | NA | NA | NA | NA | NA |
| 5/22/2018 | 8.2 | 0.64 | 7.6 | 9.4 | 116.1 | 31.1 | NA | NA | NA | NA | NA | NA |
| 5/23/2018 | 8.3 | 0.22 | 8.1 | 8.7 | 124.4 | 35.4 | NA | NA | NA | NA | NA | NA |
| 5/24/2018 | 8.1 | 0.77 | 7.1 | 9.4 | 132.5 | 39.5 | NA | NA | NA | NA | NA | NA |
| 5/25/2018 | 8.1 | 0.53 | 7.7 | 9.2 | 140.6 | 43.7 | NA | NA | NA | NA | NA | NA |
| 5/26/2018 | 8.1 | 0.19 | 7.6 | 8.3 | 148.7 | 47.7 | NA | NA | NA | NA | NA | NA |
| 5/27/2018 | 8.5 | 0.36 | 8.0 | 9.0 | 157.1 | 52.2 | NA | NA | NA | NA | NA | NA |
| 5/28/2018 | 8.2 | 0.27 | 7.8 | 8.7 | 165.3 | 56.4 | NA | NA | NA | NA | NA | NA |
| 5/29/2018 | 9.1 | 0.49 | 8.5 | 10.1 | 174.5 | 61.5 | NA | NA | NA | NA | NA | NA |
| 5/30/2018 | 9.5 | 0.78 | 8.5 | 11.2 | 183.9 | 67.0 | NA | NA | NA | NA | NA | NA |
| 5/31/2018 | 9.6 | 0.99 | 8.6 | 11.8 | 193.5 | 72.6 | NA | NA | NA | NA | NA | NA |

June

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/1/2018 | 9.6 | 1.10 | 8.5 | 12.0 | 9.6 | 5.6 | NA | NA | NA | NA | NA | NA |
| 6/2/2018 | 10.9 | 1.18 | 9.5 | 12.4 | 20.5 | 12.5 | NA | NA | NA | NA | NA | NA |
| 6/3/2018 | 10.0 | 0.53 | 9.2 | 11.1 | 30.5 | 18.5 | NA | NA | NA | NA | NA | NA |
| 6/4/2018 | 9.6 | 0.61 | 9.0 | 10.8 | 40.1 | 24.1 | NA | NA | NA | NA | NA | NA |
| 6/5/2018 | 9.5 | 0.29 | 8.9 | 9.9 | 49.6 | 29.6 | NA | NA | NA | NA | NA | NA |
| 6/6/2018 | 8.8 | 0.65 | 7.6 | 9.8 | 58.4 | 34.4 | NA | NA | NA | NA | NA | NA |
| 6/7/2018 | 8.9 | 0.96 | 7.9 | 10.5 | 67.3 | 39.3 | NA | NA | NA | NA | NA | NA |
| 6/8/2018 | 9.8 | 0.36 | 9.4 | 10.6 | 77.1 | 45.1 | NA | NA | NA | NA | NA | NA |
| 6/9/2018 | 10.4 | 0.41 | 9.7 | 11.1 | 87.5 | 51.5 | NA | NA | NA | NA | NA | NA |
| 6/10/2018 | 10.4 | 0.29 | 9.8 | 10.8 | 97.9 | 57.9 | NA | NA | NA | NA | NA | NA |
| 6/11/2018 | 10.7 | 0.26 | 10.3 | 11.1 | 108.6 | 64.6 | NA | NA | NA | NA | NA | NA |
| 6/12/2018 | 10.6 | 0.34 | 10.1 | 11.1 | 119.2 | 71.2 | NA | NA | NA | NA | NA | NA |
| 6/13/2018 | 10.8 | 0.98 | 9.4 | 12.8 | 130.0 | 78.0 | NA | NA | NA | NA | NA | NA |
| 6/14/2018 | 9.5 | 0.56 | 8.6 | 10.4 | 139.6 | 83.6 | NA | NA | NA | NA | NA | NA |
| 6/15/2018 | 9.5 | 1.20 | 8.1 | 11.6 | 149.1 | 89.1 | NA | NA | NA | NA | NA | NA |
| 6/16/2018 | 10.3 | 0.85 | 9.6 | 11.9 | 159.4 | 95.4 | NA | NA | NA | NA | NA | NA |
| 6/17/2018 | 10.5 | 0.82 | 9.8 | 12.4 | 169.9 | 101.9 | NA | NA | NA | NA | NA | NA |
| 6/18/2018 | 9.9 | 0.53 | 9.3 | 10.9 | 179.8 | 107.8 | NA | NA | NA | NA | NA | NA |
| 6/19/2018 | 10.6 | 0.54 | 10.2 | 12.0 | 190.4 | 114.4 | NA | NA | NA | NA | NA | NA |
| 6/20/2018 | 11.3 | 0.46 | 10.6 | 12.1 | 201.8 | 121.8 | NA | NA | NA | NA | NA | NA |
| 6/21/2018 | 12.7 | 0.94 | 11.9 | 14.8 | 214.5 | 130.5 | NA | NA | NA | NA | NA | NA |
| 6/22/2018 | 12.9 | 0.86 | 12.0 | 15.1 | 227.4 | 139.4 | NA | NA | NA | NA | NA | NA |
| 6/23/2018 | 12.9 | 0.34 | 12.3 | 13.5 | 240.2 | 148.2 | NA | NA | NA | NA | NA | NA |
| 6/24/2018 | 13.0 | 0.48 | 12.6 | 14.0 | 253.3 | 157.3 | NA | NA | NA | NA | NA | NA |
| 6/25/2018 | 12.8 | 0.30 | 12.6 | 13.7 | 266.1 | 166.1 | NA | NA | NA | NA | NA | NA |
| 6/26/2018 | 12.6 | 0.52 | 12.0 | 13.7 | 278.7 | 174.7 | NA | NA | NA | NA | NA | NA |
| 6/27/2018 | 13.1 | 0.73 | 12.0 | 14.3 | 291.8 | 183.8 | NA | NA | NA | NA | NA | NA |
| 6/28/2018 | 14.2 | 0.53 | 13.4 | 15.0 | 306.0 | 194.0 | NA | NA | NA | NA | NA | NA |
| 6/29/2018 | 14.2 | 0.18 | 14.0 | 14.5 | 320.2 | 204.2 | NA | NA | NA | NA | NA | NA |
| 6/30/2018 | 14.7 | 0.81 | 14.1 | 16.4 | 334.9 | 214.9 | NA | NA | NA | NA | NA | NA |

July

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/1/2018 | 13.9 | 0.79 | 13.0 | 15.7 | 13.9 | 9.9 | NA | NA | NA | NA | NA | NA |
| 7/2/2018 | 14.4 | 0.86 | 13.7 | 16.2 | 28.3 | 20.3 | NA | NA | NA | NA | NA | NA |
| 7/3/2018 | 14.5 | 0.84 | 13.6 | 15.9 | 42.8 | 30.8 | NA | NA | NA | NA | NA | NA |
| 7/4/2018 | 16.4 | 0.86 | 15.6 | 18.0 | 59.2 | 43.2 | NA | NA | NA | NA | NA | NA |
| 7/5/2018 | 16.7 | 0.56 | 15.9 | 18.1 | 75.9 | 55.9 | NA | NA | NA | NA | NA | NA |
| 7/6/2018 | 17.2 | 0.19 | 16.9 | 17.5 | 93.1 | 69.1 | NA | NA | NA | NA | NA | NA |
| 7/7/2018 | 16.8 | 0.28 | 16.3 | 17.3 | 109.9 | 81.9 | NA | NA | NA | NA | NA | NA |
| 7/8/2018 | 16.8 | 0.33 | 16.4 | 17.4 | 126.7 | 94.7 | NA | NA | NA | NA | NA | NA |
| 7/9/2018 | 16.9 | 0.31 | 16.4 | 17.4 | 143.6 | 107.6 | NA | NA | NA | NA | NA | NA |
| 7/10/2018 | 17.4 | 0.50 | 16.6 | 18.1 | 161.0 | 121.0 | NA | NA | NA | NA | NA | NA |
| 7/11/2018 | 17.4 | 0.47 | 16.7 | 18.6 | 178.4 | 134.4 | NA | NA | NA | NA | NA | NA |
| 7/12/2018 | 17.1 | 0.46 | 16.6 | 17.8 | 195.5 | 147.5 | NA | NA | NA | NA | NA | NA |
| 7/13/2018 | 17.0 | 0.50 | 16.6 | 18.2 | 212.5 | 160.5 | NA | NA | NA | NA | NA | NA |
| 7/14/2018 | 16.8 | 0.60 | 16.1 | 17.8 | 229.3 | 173.3 | NA | NA | NA | NA | NA | NA |
| 7/15/2018 | 16.7 | 0.89 | 15.9 | 18.7 | 246.0 | 186.0 | NA | NA | NA | NA | NA | NA |
| 7/16/2018 | 17.3 | 1.09 | 15.8 | 19.4 | 263.3 | 199.3 | NA | NA | NA | NA | NA | NA |
| 7/17/2018 | 17.9 | 1.22 | 15.8 | 19.6 | 281.2 | 213.2 | NA | NA | NA | NA | NA | NA |
| 7/18/2018 | 18.3 | 0.40 | 17.7 | 18.9 | 299.5 | 227.5 | NA | NA | NA | NA | NA | NA |
| 7/19/2018 | 18.7 | 0.89 | 17.8 | 20.5 | 318.2 | 242.2 | NA | NA | NA | NA | NA | NA |
| 7/20/2018 | 18.7 | 0.69 | 18.0 | 19.7 | 337.0 | 257.0 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/21/2018 | 18.2 | 1.09 | 15.3 | 19.2 | 355.2 | 271.2 | NA | NA | NA | NA | NA | NA |
| 7/22/2018 | 18.2 | 0.83 | 17.0 | 19.3 | 373.4 | 285.4 | NA | NA | NA | NA | NA | NA |
| 7/23/2018 | 19.7 | 0.80 | 18.5 | 20.7 | 393.1 | 301.1 | NA | NA | NA | NA | NA | NA |
| 7/24/2018 | 20.9 | 0.11 | 20.7 | 21.1 | 414.0 | 318.0 | NA | NA | NA | NA | NA | NA |
| 7/25/2018 | 21.2 | 0.53 | 20.6 | 22.0 | 435.2 | 335.2 | NA | NA | NA | NA | NA | NA |
| 7/26/2018 | 21.7 | 0.30 | 21.4 | 22.2 | 457.0 | 353.0 | NA | NA | NA | NA | NA | NA |
| 7/27/2018 | 22.1 | 0.75 | 21.2 | 23.4 | 479.1 | 371.1 | NA | NA | NA | NA | NA | NA |
| 7/28/2018 | 22.7 | 0.50 | 22.0 | 23.7 | 501.8 | 389.8 | NA | NA | NA | NA | NA | NA |
| 7/29/2018 | 23.0 | 0.41 | 22.7 | 24.1 | 524.8 | 408.8 | NA | NA | NA | NA | NA | NA |
| 7/30/2018 | 23.0 | 0.35 | 22.5 | 23.6 | 547.8 | 427.8 | NA | NA | NA | NA | NA | NA |
| 7/31/2018 | 23.2 | 0.62 | 22.6 | 24.8 | 571.0 | 447.0 | NA | NA | NA | NA | NA | NA |

August

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/1/2018 | 23.3 | 0.64 | 22.6 | 24.5 | 23.3 | 19.3 | NA | NA | NA | NA | NA | NA |
| 8/2/2018 | 23.3 | 0.16 | 23.0 | 23.5 | 46.6 | 38.6 | NA | NA | NA | NA | NA | NA |
| 8/3/2018 | 23.3 | 0.46 | 22.9 | 24.2 | 69.9 | 57.9 | NA | NA | NA | NA | NA | NA |
| 8/4/2018 | 23.3 | 0.18 | 23.1 | 23.7 | 93.2 | 77.2 | NA | NA | NA | NA | NA | NA |
| 8/5/2018 | 23.0 | 0.15 | 22.8 | 23.2 | 116.2 | 96.2 | NA | NA | NA | NA | NA | NA |
| 8/6/2018 | 22.7 | 0.28 | 22.5 | 23.4 | 138.9 | 114.9 | NA | NA | NA | NA | NA | NA |
| 8/7/2018 | 22.9 | 0.26 | 22.4 | 23.3 | 161.8 | 133.8 | NA | NA | NA | NA | NA | NA |
| 8/8/2018 | 23.2 | 0.24 | 22.9 | 23.5 | 185.0 | 153.0 | NA | NA | NA | NA | NA | NA |
| 8/9/2018 | 23.0 | 0.20 | 22.8 | 23.4 | 208.0 | 172.0 | NA | NA | NA | NA | NA | NA |
| 8/10/2018 | 22.7 | 0.12 | 22.5 | 22.9 | 230.7 | 190.7 | NA | NA | NA | NA | NA | NA |
| 8/11/2018 | 22.5 | 0.14 | 22.3 | 22.7 | 253.2 | 209.2 | NA | NA | NA | NA | NA | NA |
| 8/12/2018 | 22.7 | 0.35 | 22.3 | 23.4 | 275.8 | 227.8 | NA | NA | NA | NA | NA | NA |
| 8/13/2018 | 23.0 | 0.40 | 22.6 | 23.8 | 298.9 | 246.9 | NA | NA | NA | NA | NA | NA |
| 8/14/2018 | 23.4 | 0.39 | 23.0 | 24.1 | 322.3 | 266.3 | NA | NA | NA | NA | NA | NA |
| 8/15/2018 | 23.4 | 0.17 | 23.3 | 23.8 | 345.7 | 285.7 | NA | NA | NA | NA | NA | NA |
| 8/16/2018 | 23.2 | 0.13 | 23.0 | 23.5 | 369.0 | 305.0 | NA | NA | NA | NA | NA | NA |
| 8/17/2018 | 22.7 | 0.36 | 22.1 | 23.3 | 391.7 | 323.7 | NA | NA | NA | NA | NA | NA |
| 8/18/2018 | 21.9 | 0.51 | 20.4 | 22.4 | 413.6 | 341.6 | NA | NA | NA | NA | NA | NA |
| 8/19/2018 | 15.8 | 3.59 | 10.5 | 20.1 | 429.4 | 353.4 | NA | NA | NA | NA | NA | NA |
| 8/20/2018 | 14.6 | 1.50 | 11.3 | 16.3 | 443.9 | 363.9 | NA | NA | NA | NA | NA | NA |
| 8/21/2018 | 16.1 | 1.55 | 12.9 | 17.9 | 460.1 | 376.1 | NA | NA | NA | NA | NA | NA |
| 8/22/2018 | 16.5 | 0.74 | 14.9 | 17.5 | 476.5 | 388.5 | NA | NA | NA | NA | NA | NA |
| 8/23/2018 | 17.3 | 1.37 | 15.7 | 19.0 | 493.8 | 401.8 | NA | NA | NA | NA | NA | NA |
| 8/24/2018 | 20.1 | 0.32 | 19.3 | 20.4 | 513.9 | 417.9 | NA | NA | NA | NA | NA | NA |
| 8/25/2018 | 20.8 | 0.40 | 20.3 | 21.3 | 534.7 | 434.7 | NA | NA | NA | NA | NA | NA |
| 8/26/2018 | 21.0 | 0.15 | 20.6 | 21.2 | 555.7 | 451.7 | NA | NA | NA | NA | NA | NA |
| 8/27/2018 | 20.9 | 0.13 | 20.7 | 21.1 | 576.5 | 468.5 | NA | NA | NA | NA | NA | NA |
| 8/28/2018 | 21.1 | 0.25 | 20.9 | 21.8 | 597.7 | 485.7 | NA | NA | NA | NA | NA | NA |
| 8/29/2018 | 21.2 | 0.21 | 20.9 | 21.5 | 618.8 | 502.8 | NA | NA | NA | NA | NA | NA |
| 8/30/2018 | 21.0 | 0.14 | 20.7 | 21.2 | 639.8 | 519.8 | NA | NA | NA | NA | NA | NA |
| 8/31/2018 | 20.4 | 0.26 | 19.9 | 20.8 | 660.2 | 536.2 | NA | NA | NA | NA | NA | NA |

September

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/1/2018 | 20.4 | 0.21 | 20.1 | 20.8 | 20.4 | 16.4 | NA | NA | NA | NA | NA | NA |
| 9/2/2018 | 20.1 | 0.17 | 19.8 | 20.2 | 40.5 | 32.5 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/3/2018 | 20.2 | 0.19 | 20.0 | 20.5 | 60.7 | 48.7 | NA | NA | NA | NA | NA | NA |
| 9/4/2018 | 20.3 | 0.07 | 20.2 | 20.4 | 81.0 | 65.0 | NA | NA | NA | NA | NA | NA |
| 9/5/2018 | 20.3 | 0.21 | 20.0 | 20.7 | 101.3 | 81.3 | NA | NA | NA | NA | NA | NA |
| 9/6/2018 | 20.2 | 0.10 | 20.0 | 20.3 | 121.4 | 97.4 | NA | NA | NA | NA | NA | NA |
| 9/7/2018 | 20.1 | 0.18 | 19.9 | 20.4 | 141.6 | 113.6 | NA | NA | NA | NA | NA | NA |
| 9/8/2018 | 19.7 | 0.17 | 19.4 | 20.0 | 161.2 | 129.2 | NA | NA | NA | NA | NA | NA |
| 9/9/2018 | 19.0 | 0.25 | 18.5 | 19.4 | 180.3 | 144.3 | NA | NA | NA | NA | NA | NA |
| 9/10/2018 | 18.6 | 0.24 | 18.4 | 19.0 | 198.9 | 158.9 | NA | NA | NA | NA | NA | NA |
| 9/11/2018 | 18.5 | 0.23 | 18.2 | 18.8 | 217.4 | 173.4 | NA | NA | NA | NA | NA | NA |
| 9/12/2018 | 18.4 | 0.10 | 18.3 | 18.6 | 235.9 | 187.9 | NA | NA | NA | NA | NA | NA |
| 9/13/2018 | 18.6 | 0.48 | 17.9 | 19.3 | 254.5 | 202.5 | NA | NA | NA | NA | NA | NA |
| 9/14/2018 | 19.1 | 0.43 | 18.8 | 20.2 | 273.6 | 217.6 | NA | NA | NA | NA | NA | NA |
| 9/15/2018 | 19.1 | 0.25 | 18.8 | 19.5 | 292.6 | 232.6 | NA | NA | NA | NA | NA | NA |
| 9/16/2018 | 19.2 | 0.18 | 19.0 | 19.6 | 311.9 | 247.9 | NA | NA | NA | NA | NA | NA |
| 9/17/2018 | 19.1 | 0.20 | 18.8 | 19.3 | 330.9 | 262.9 | NA | NA | NA | NA | NA | NA |
| 9/18/2018 | 19.1 | 0.15 | 18.8 | 19.3 | 350.0 | 278.0 | NA | NA | NA | NA | NA | NA |
| 9/19/2018 | 14.7 | 3.53 | 10.0 | 18.7 | 364.7 | 288.7 | NA | NA | NA | NA | NA | NA |
| 9/20/2018 | 9.0 | 1.08 | 6.9 | 10.6 | 373.7 | 293.7 | NA | NA | NA | NA | NA | NA |
| 9/21/2018 | 11.0 | 1.75 | 8.3 | 13.2 | 384.7 | 300.7 | NA | NA | NA | NA | NA | NA |
| 9/22/2018 | 12.1 | 1.33 | 10.6 | 14.5 | 396.8 | 308.8 | NA | NA | NA | NA | NA | NA |
| 9/23/2018 | 15.1 | 0.25 | 14.5 | 15.3 | 411.9 | 319.9 | NA | NA | NA | NA | NA | NA |
| 9/24/2018 | 15.0 | 0.20 | 14.6 | 15.3 | 426.8 | 330.8 | NA | NA | NA | NA | NA | NA |
| 9/25/2018 | 15.0 | 0.20 | 14.6 | 15.2 | 441.9 | 341.9 | NA | NA | NA | NA | NA | NA |
| 9/26/2018 | 14.8 | 0.24 | 14.1 | 15.0 | 456.7 | 352.7 | NA | NA | NA | NA | NA | NA |
| 9/27/2018 | 15.1 | 0.13 | 14.9 | 15.3 | 471.8 | 363.8 | NA | NA | NA | NA | NA | NA |
| 9/28/2018 | 14.5 | 0.51 | 13.7 | 15.1 | 486.3 | 374.3 | NA | NA | NA | NA | NA | NA |
| 9/29/2018 | 14.0 | 0.14 | 13.8 | 14.3 | 500.3 | 384.3 | NA | NA | NA | NA | NA | NA |
| 9/30/2018 | 14.3 | 0.43 | 13.7 | 14.9 | 514.6 | 394.6 | NA | NA | NA | NA | NA | NA |

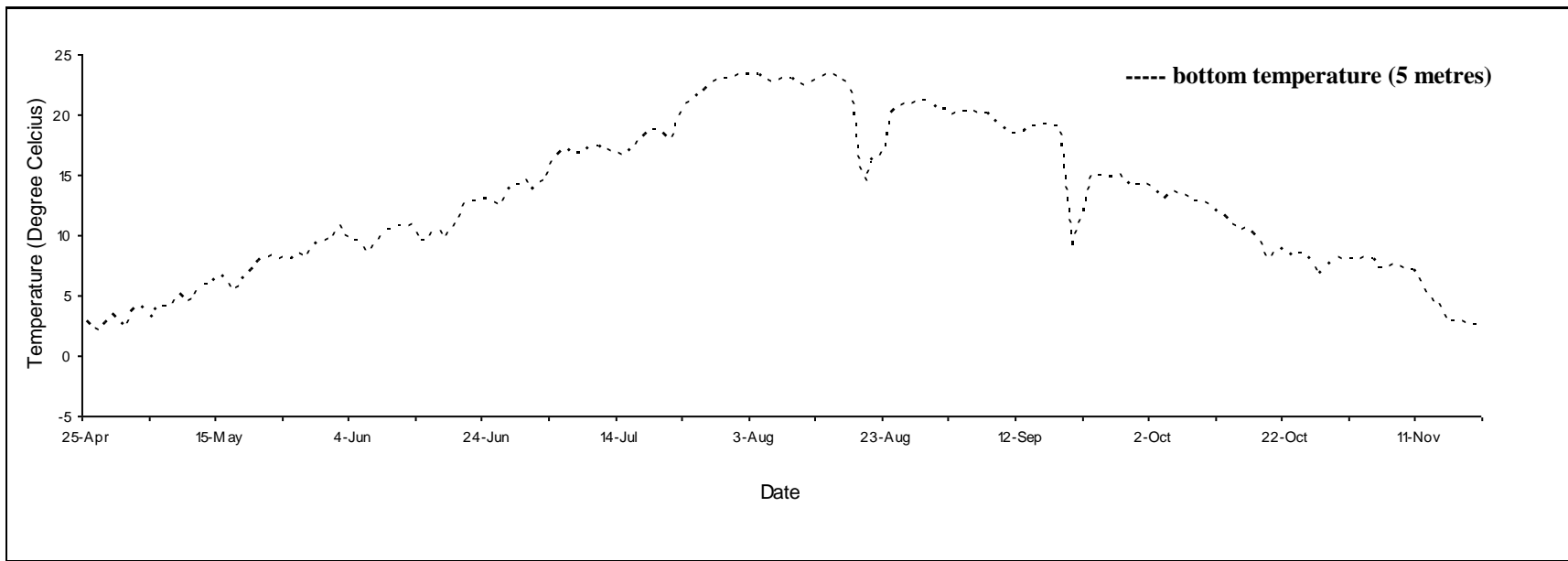
October

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/1/2018 | 14.2 | 0.11 | 14.0 | 14.4 | 14.2 | 10.2 | NA | NA | NA | NA | NA | NA |
| 10/2/2018 | 14.1 | 0.28 | 13.6 | 14.4 | 28.3 | 20.3 | NA | NA | NA | NA | NA | NA |
| 10/3/2018 | 13.3 | 0.79 | 11.8 | 14.3 | 41.5 | 29.5 | NA | NA | NA | NA | NA | NA |
| 10/4/2018 | 13.0 | 0.25 | 12.6 | 13.4 | 54.6 | 38.6 | NA | NA | NA | NA | NA | NA |
| 10/5/2018 | 13.7 | 0.16 | 13.4 | 14.0 | 68.2 | 48.2 | NA | NA | NA | NA | NA | NA |
| 10/6/2018 | 13.4 | 0.21 | 12.9 | 13.7 | 81.7 | 57.7 | NA | NA | NA | NA | NA | NA |
| 10/7/2018 | 13.3 | 0.28 | 12.8 | 13.6 | 95.0 | 67.0 | NA | NA | NA | NA | NA | NA |
| 10/8/2018 | 12.9 | 0.25 | 12.4 | 13.2 | 108.0 | 76.0 | NA | NA | NA | NA | NA | NA |
| 10/9/2018 | 12.9 | 0.26 | 12.3 | 13.1 | 120.8 | 84.8 | NA | NA | NA | NA | NA | NA |
| 10/10/2018 | 12.7 | 0.17 | 12.3 | 12.9 | 133.6 | 93.6 | NA | NA | NA | NA | NA | NA |
| 10/11/2018 | 12.3 | 0.20 | 12.0 | 12.6 | 145.8 | 101.8 | NA | NA | NA | NA | NA | NA |
| 10/12/2018 | 11.8 | 0.20 | 11.5 | 12.2 | 157.6 | 109.6 | NA | NA | NA | NA | NA | NA |
| 10/13/2018 | 11.6 | 0.12 | 11.4 | 11.8 | 169.2 | 117.2 | NA | NA | NA | NA | NA | NA |
| 10/14/2018 | 10.9 | 0.18 | 10.7 | 11.3 | 180.1 | 124.1 | NA | NA | NA | NA | NA | NA |
| 10/15/2018 | 10.4 | 0.24 | 10.0 | 10.8 | 190.5 | 130.5 | NA | NA | NA | NA | NA | NA |
| 10/16/2018 | 10.5 | 0.24 | 10.1 | 11.0 | 201.1 | 137.1 | NA | NA | NA | NA | NA | NA |
| 10/17/2018 | 10.1 | 0.20 | 9.8 | 10.4 | 211.2 | 143.2 | NA | NA | NA | NA | NA | NA |
| 10/18/2018 | 9.8 | 0.33 | 9.3 | 10.5 | 221.0 | 149.0 | NA | NA | NA | NA | NA | NA |
| 10/19/2018 | 8.4 | 0.38 | 7.9 | 9.2 | 229.4 | 153.4 | NA | NA | NA | NA | NA | NA |
| 10/20/2018 | 8.3 | 0.64 | 7.4 | 9.3 | 237.7 | 157.7 | NA | NA | NA | NA | NA | NA |
| 10/21/2018 | 9.1 | 0.27 | 8.6 | 9.5 | 246.8 | 162.8 | NA | NA | NA | NA | NA | NA |
| 10/22/2018 | 8.7 | 0.32 | 8.2 | 9.2 | 255.6 | 167.6 | NA | NA | NA | NA | NA | NA |
| 10/23/2018 | 8.2 | 0.28 | 7.5 | 8.5 | 263.7 | 171.7 | NA | NA | NA | NA | NA | NA |
| 10/24/2018 | 8.4 | 0.39 | 7.7 | 9.0 | 272.2 | 176.2 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/25/2018 | 8.6 | 0.22 | 8.1 | 8.8 | 280.7 | 180.7 | NA | NA | NA | NA | NA | NA |
| 10/26/2018 | 7.5 | 0.32 | 7.1 | 7.9 | 288.2 | 184.2 | NA | NA | NA | NA | NA | NA |
| 10/27/2018 | 6.7 | 0.34 | 6.1 | 7.4 | 294.9 | 186.9 | NA | NA | NA | NA | NA | NA |
| 10/28/2018 | 7.2 | 0.54 | 6.3 | 7.9 | 302.1 | 190.1 | NA | NA | NA | NA | NA | NA |
| 10/29/2018 | 7.8 | 0.34 | 7.1 | 8.2 | 310.0 | 194.0 | NA | NA | NA | NA | NA | NA |
| 10/30/2018 | 8.2 | 0.10 | 8.0 | 8.4 | 318.2 | 198.2 | NA | NA | NA | NA | NA | NA |
| 10/31/2018 | 8.0 | 0.18 | 7.6 | 8.2 | 326.2 | 202.2 | NA | NA | NA | NA | NA | NA |

November

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 11/1/2018 | 8.1 | 0.08 | 7.9 | 8.1 | 8.1 | 4.1 | NA | NA | NA | NA | NA | NA |
| 11/2/2018 | 8.0 | 0.07 | 7.8 | 8.0 | 16.0 | 8.0 | NA | NA | NA | NA | NA | NA |
| 11/3/2018 | 8.2 | 0.29 | 7.9 | 8.7 | 24.3 | 12.3 | NA | NA | NA | NA | NA | NA |
| 11/4/2018 | 8.0 | 0.36 | 7.5 | 8.6 | 32.3 | 16.3 | NA | NA | NA | NA | NA | NA |
| 11/5/2018 | 7.3 | 0.07 | 7.2 | 7.4 | 39.6 | 19.6 | NA | NA | NA | NA | NA | NA |
| 11/6/2018 | 7.2 | 0.04 | 7.2 | 7.3 | 46.8 | 22.8 | NA | NA | NA | NA | NA | NA |
| 11/7/2018 | 7.6 | 0.33 | 7.3 | 8.4 | 54.4 | 26.4 | NA | NA | NA | NA | NA | NA |
| 11/8/2018 | 7.6 | 0.16 | 7.5 | 8.0 | 62.1 | 30.1 | NA | NA | NA | NA | NA | NA |
| 11/9/2018 | 7.3 | 0.15 | 6.9 | 7.5 | 69.3 | 33.3 | NA | NA | NA | NA | NA | NA |
| 11/10/2018 | 7.1 | 0.08 | 7.0 | 7.3 | 76.5 | 36.5 | NA | NA | NA | NA | NA | NA |
| 11/11/2018 | 6.5 | 0.30 | 6.1 | 7.0 | 83.0 | 39.0 | NA | NA | NA | NA | NA | NA |
| 11/12/2018 | 5.3 | 0.29 | 4.9 | 5.8 | 88.3 | 40.3 | NA | NA | NA | NA | NA | NA |
| 11/13/2018 | 4.5 | 0.44 | 3.7 | 5.1 | 92.9 | 40.9 | NA | NA | NA | NA | NA | NA |
| 11/14/2018 | 4.6 | 0.39 | 3.8 | 5.1 | 97.4 | 41.4 | NA | NA | NA | NA | NA | NA |
| 11/15/2018 | 3.0 | 0.44 | 2.6 | 3.8 | 100.4 | 41.4 | NA | NA | NA | NA | NA | NA |
| 11/16/2018 | 2.8 | 0.48 | 2.0 | 3.4 | 103.3 | 41.4 | NA | NA | NA | NA | NA | NA |
| 11/17/2018 | 3.1 | 0.52 | 2.3 | 3.7 | 106.4 | 41.4 | NA | NA | NA | NA | NA | NA |
| 11/18/2018 | 2.7 | 0.45 | 1.9 | 3.3 | 109.0 | 41.4 | NA | NA | NA | NA | NA | NA |
| 11/19/2018 | 2.6 | 0.08 | 2.5 | 2.7 | 111.6 | 41.4 | NA | NA | NA | NA | NA | NA |
| 11/20/2018 | 2.6 | 0.19 | 2.4 | 3.1 | 114.2 | 41.4 | NA | NA | NA | NA | NA | NA |



Daily mean temperature for St Peters, P.E.I., 2018.

Strait Crossing 1

2018

May

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 5/9/2018 | 4.3 | 0.09 | 4.2 | 4.5 | 4.3 | 0.3 | NA | NA | NA | NA | NA | NA |
| 5/10/2018 | 5.0 | 0.33 | 4.5 | 5.5 | 9.3 | 1.3 | NA | NA | NA | NA | NA | NA |
| 5/11/2018 | 5.6 | 0.16 | 5.4 | 5.8 | 14.9 | 2.9 | NA | NA | NA | NA | NA | NA |
| 5/12/2018 | 5.7 | 0.10 | 5.5 | 5.8 | 20.6 | 4.6 | NA | NA | NA | NA | NA | NA |
| 5/13/2018 | 5.8 | 0.10 | 5.6 | 5.9 | 26.4 | 6.4 | NA | NA | NA | NA | NA | NA |
| 5/14/2018 | 6.0 | 0.16 | 5.8 | 6.3 | 32.4 | 8.4 | NA | NA | NA | NA | NA | NA |
| 5/15/2018 | 6.3 | 0.10 | 6.2 | 6.5 | 38.8 | 10.8 | NA | NA | NA | NA | NA | NA |
| 5/16/2018 | 6.5 | 0.11 | 6.3 | 6.7 | 45.3 | 13.3 | NA | NA | NA | NA | NA | NA |
| 5/17/2018 | 6.6 | 0.09 | 6.4 | 6.7 | 51.8 | 15.8 | NA | NA | NA | NA | NA | NA |
| 5/18/2018 | 6.7 | 0.13 | 6.5 | 6.9 | 58.5 | 18.5 | NA | NA | NA | NA | NA | NA |
| 5/19/2018 | 6.8 | 0.13 | 6.7 | 7.0 | 65.3 | 21.3 | NA | NA | NA | NA | NA | NA |
| 5/20/2018 | 7.0 | 0.07 | 6.9 | 7.1 | 72.3 | 24.3 | NA | NA | NA | NA | NA | NA |
| 5/21/2018 | 7.2 | 0.15 | 7.1 | 7.4 | 79.6 | 27.6 | NA | NA | NA | NA | NA | NA |
| 5/22/2018 | 7.6 | 0.15 | 7.4 | 7.8 | 87.2 | 31.2 | NA | NA | NA | NA | NA | NA |
| 5/23/2018 | 8.2 | 0.21 | 7.9 | 8.5 | 95.4 | 35.4 | NA | NA | NA | NA | NA | NA |
| 5/24/2018 | 8.5 | 0.26 | 8.2 | 9.0 | 103.9 | 39.9 | NA | NA | NA | NA | NA | NA |
| 5/25/2018 | 8.8 | 0.20 | 8.4 | 9.0 | 112.6 | 44.6 | NA | NA | NA | NA | NA | NA |
| 5/26/2018 | 9.1 | 0.13 | 8.9 | 9.3 | 121.7 | 49.7 | NA | NA | NA | NA | NA | NA |
| 5/27/2018 | 9.2 | 0.12 | 9.0 | 9.4 | 130.9 | 54.9 | NA | NA | NA | NA | NA | NA |
| 5/28/2018 | 9.4 | 0.15 | 9.2 | 9.6 | 140.2 | 60.2 | NA | NA | NA | NA | NA | NA |
| 5/29/2018 | 9.6 | 0.18 | 9.3 | 9.9 | 149.8 | 65.8 | NA | NA | NA | NA | NA | NA |
| 5/30/2018 | 9.8 | 0.13 | 9.6 | 10.1 | 159.7 | 71.7 | NA | NA | NA | NA | NA | NA |
| 5/31/2018 | 10.0 | 0.14 | 9.8 | 10.3 | 169.6 | 77.6 | NA | NA | NA | NA | NA | NA |

June

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/1/2018 | 10.3 | 0.15 | 10.0 | 10.6 | 10.3 | 6.3 | NA | NA | NA | NA | NA | NA |
| 6/2/2018 | 10.7 | 0.30 | 10.4 | 11.5 | 20.9 | 12.9 | NA | NA | NA | NA | NA | NA |
| 6/3/2018 | 11.1 | 0.24 | 10.5 | 11.4 | 32.0 | 20.0 | NA | NA | NA | NA | NA | NA |
| 6/4/2018 | 10.7 | 0.21 | 10.5 | 11.1 | 42.8 | 26.8 | NA | NA | NA | NA | NA | NA |
| 6/5/2018 | 10.6 | 0.21 | 10.3 | 10.9 | 53.4 | 33.4 | NA | NA | NA | NA | NA | NA |
| 6/6/2018 | 10.5 | 0.11 | 10.3 | 10.6 | 63.8 | 39.8 | NA | NA | NA | NA | NA | NA |
| 6/7/2018 | 10.7 | 0.13 | 10.5 | 11.0 | 74.5 | 46.5 | NA | NA | NA | NA | NA | NA |
| 6/8/2018 | 11.0 | 0.10 | 10.8 | 11.1 | 85.5 | 53.5 | NA | NA | NA | NA | NA | NA |
| 6/9/2018 | 11.0 | 0.06 | 11.0 | 11.1 | 96.5 | 60.5 | NA | NA | NA | NA | NA | NA |
| 6/10/2018 | 11.2 | 0.07 | 11.1 | 11.3 | 107.7 | 67.7 | NA | NA | NA | NA | NA | NA |
| 6/11/2018 | 11.1 | 0.07 | 11.0 | 11.2 | 118.7 | 74.7 | NA | NA | NA | NA | NA | NA |
| 6/12/2018 | 11.1 | 0.14 | 10.9 | 11.4 | 129.9 | 81.9 | NA | NA | NA | NA | NA | NA |
| 6/13/2018 | 11.3 | 0.13 | 11.1 | 11.5 | 141.2 | 89.2 | NA | NA | NA | NA | NA | NA |
| 6/14/2018 | 11.3 | 0.11 | 11.1 | 11.4 | 152.4 | 96.4 | NA | NA | NA | NA | NA | NA |
| 6/15/2018 | 11.2 | 0.16 | 11.0 | 11.5 | 163.7 | 103.7 | NA | NA | NA | NA | NA | NA |
| 6/16/2018 | 11.4 | 0.13 | 11.2 | 11.6 | 175.0 | 111.0 | NA | NA | NA | NA | NA | NA |
| 6/17/2018 | 11.5 | 0.16 | 11.3 | 11.8 | 186.5 | 118.5 | NA | NA | NA | NA | NA | NA |
| 6/18/2018 | 11.7 | 0.11 | 11.6 | 11.9 | 198.2 | 126.2 | NA | NA | NA | NA | NA | NA |
| 6/19/2018 | 11.8 | 0.12 | 11.6 | 12.0 | 210.0 | 134.0 | NA | NA | NA | NA | NA | NA |
| 6/20/2018 | 12.0 | 0.12 | 11.9 | 12.2 | 222.0 | 142.0 | NA | NA | NA | NA | NA | NA |
| 6/21/2018 | 12.4 | 0.09 | 12.3 | 12.6 | 234.5 | 150.5 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/22/2018 | 12.9 | 0.10 | 12.7 | 13.1 | 247.4 | 159.4 | NA | NA | NA | NA | NA | NA |
| 6/23/2018 | 13.4 | 0.14 | 13.2 | 13.6 | 260.7 | 168.7 | NA | NA | NA | NA | NA | NA |
| 6/24/2018 | 13.5 | 0.08 | 13.4 | 13.6 | 274.2 | 178.2 | NA | NA | NA | NA | NA | NA |
| 6/25/2018 | 13.5 | 0.09 | 13.4 | 13.6 | 287.7 | 187.7 | NA | NA | NA | NA | NA | NA |
| 6/26/2018 | 13.3 | 0.07 | 13.2 | 13.4 | 301.1 | 197.1 | NA | NA | NA | NA | NA | NA |
| 6/27/2018 | 13.6 | 0.15 | 13.4 | 13.8 | 314.6 | 206.6 | NA | NA | NA | NA | NA | NA |
| 6/28/2018 | 13.9 | 0.11 | 13.7 | 14.0 | 328.5 | 216.5 | NA | NA | NA | NA | NA | NA |
| 6/29/2018 | 14.0 | 0.09 | 13.8 | 14.1 | 342.5 | 226.5 | NA | NA | NA | NA | NA | NA |
| 6/30/2018 | 14.2 | 0.12 | 14.1 | 14.5 | 356.7 | 236.7 | NA | NA | NA | NA | NA | NA |

July

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/1/2018 | 14.6 | 0.10 | 14.4 | 14.8 | 14.6 | 10.6 | NA | NA | NA | NA | NA | NA |
| 7/2/2018 | 14.9 | 0.08 | 14.8 | 15.1 | 29.4 | 21.4 | NA | NA | NA | NA | NA | NA |
| 7/3/2018 | 15.1 | 0.14 | 14.9 | 15.4 | 44.5 | 32.5 | NA | NA | NA | NA | NA | NA |
| 7/4/2018 | 15.4 | 0.05 | 15.4 | 15.5 | 59.9 | 43.9 | NA | NA | NA | NA | NA | NA |
| 7/5/2018 | 15.6 | 0.06 | 15.5 | 15.7 | 75.6 | 55.6 | NA | NA | NA | NA | NA | NA |
| 7/6/2018 | 16.1 | 0.14 | 15.9 | 16.3 | 91.7 | 67.7 | NA | NA | NA | NA | NA | NA |
| 7/7/2018 | 16.2 | 0.09 | 16.1 | 16.4 | 107.9 | 79.9 | NA | NA | NA | NA | NA | NA |
| 7/8/2018 | 16.7 | 0.17 | 16.4 | 17.0 | 124.6 | 92.6 | NA | NA | NA | NA | NA | NA |
| 7/9/2018 | 17.1 | 0.16 | 16.9 | 17.3 | 141.7 | 105.7 | NA | NA | NA | NA | NA | NA |
| 7/10/2018 | 17.4 | 0.12 | 17.2 | 17.5 | 159.1 | 119.1 | NA | NA | NA | NA | NA | NA |
| 7/11/2018 | 17.6 | 0.17 | 17.3 | 17.8 | 176.6 | 132.6 | NA | NA | NA | NA | NA | NA |
| 7/12/2018 | 17.7 | 0.20 | 17.4 | 18.0 | 194.4 | 146.4 | NA | NA | NA | NA | NA | NA |
| 7/13/2018 | 17.8 | 0.15 | 17.5 | 18.0 | 212.1 | 160.1 | NA | NA | NA | NA | NA | NA |
| 7/14/2018 | 17.7 | 0.17 | 17.5 | 18.0 | 229.9 | 173.9 | NA | NA | NA | NA | NA | NA |
| 7/15/2018 | 17.7 | 0.20 | 17.4 | 18.1 | 247.6 | 187.6 | NA | NA | NA | NA | NA | NA |
| 7/16/2018 | 17.7 | 0.19 | 17.4 | 18.0 | 265.3 | 201.3 | NA | NA | NA | NA | NA | NA |
| 7/17/2018 | 17.9 | 0.15 | 17.6 | 18.0 | 283.2 | 215.2 | NA | NA | NA | NA | NA | NA |
| 7/18/2018 | 18.1 | 0.11 | 17.9 | 18.2 | 301.3 | 229.3 | NA | NA | NA | NA | NA | NA |
| 7/19/2018 | 18.2 | 0.08 | 18.1 | 18.3 | 319.5 | 243.5 | NA | NA | NA | NA | NA | NA |
| 7/20/2018 | 18.5 | 0.05 | 18.4 | 18.5 | 337.9 | 257.9 | NA | NA | NA | NA | NA | NA |
| 7/21/2018 | 18.6 | 0.23 | 18.0 | 18.8 | 356.5 | 272.5 | NA | NA | NA | NA | NA | NA |
| 7/22/2018 | 18.3 | 0.29 | 17.9 | 18.8 | 374.8 | 286.8 | NA | NA | NA | NA | NA | NA |
| 7/23/2018 | 18.0 | 0.34 | 17.4 | 18.5 | 392.8 | 300.8 | NA | NA | NA | NA | NA | NA |
| 7/24/2018 | 17.8 | 0.51 | 17.0 | 18.5 | 410.6 | 314.6 | NA | NA | NA | NA | NA | NA |
| 7/25/2018 | 17.6 | 0.50 | 17.0 | 18.3 | 428.2 | 328.2 | NA | NA | NA | NA | NA | NA |
| 7/26/2018 | 17.5 | 0.56 | 16.5 | 18.3 | 445.8 | 341.8 | NA | NA | NA | NA | NA | NA |
| 7/27/2018 | 17.9 | 0.65 | 16.9 | 18.7 | 463.7 | 355.7 | NA | NA | NA | NA | NA | NA |
| 7/28/2018 | 18.4 | 0.45 | 17.8 | 19.1 | 482.1 | 370.1 | NA | NA | NA | NA | NA | NA |
| 7/29/2018 | 18.7 | 0.34 | 18.2 | 19.3 | 500.8 | 384.8 | NA | NA | NA | NA | NA | NA |
| 7/30/2018 | 18.9 | 0.24 | 18.5 | 19.3 | 519.7 | 399.7 | NA | NA | NA | NA | NA | NA |
| 7/31/2018 | 19.3 | 0.20 | 19.0 | 19.7 | 539.0 | 415.0 | NA | NA | NA | NA | NA | NA |

August

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/1/2018 | 19.6 | 0.10 | 19.5 | 19.8 | 19.6 | 15.6 | NA | NA | NA | NA | NA | NA |
| 8/2/2018 | 19.3 | 0.55 | 18.2 | 19.9 | 38.8 | 30.8 | NA | NA | NA | NA | NA | NA |
| 8/3/2018 | 18.3 | 0.52 | 17.8 | 19.5 | 57.1 | 45.1 | NA | NA | NA | NA | NA | NA |
| 8/4/2018 | 17.9 | 0.41 | 17.3 | 18.6 | 75.0 | 59.0 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/5/2018 | 17.6 | 0.40 | 17.0 | 18.3 | 92.6 | 72.6 | NA | NA | NA | NA | NA | NA |
| 8/6/2018 | 17.7 | 0.24 | 17.3 | 18.0 | 110.3 | 86.3 | NA | NA | NA | NA | NA | NA |
| 8/7/2018 | 17.6 | 0.32 | 17.1 | 18.1 | 127.9 | 99.9 | NA | NA | NA | NA | NA | NA |
| 8/8/2018 | 17.6 | 0.34 | 17.2 | 18.1 | 145.5 | 113.5 | NA | NA | NA | NA | NA | NA |
| 8/9/2018 | 18.1 | 0.50 | 17.3 | 19.1 | 163.6 | 127.6 | NA | NA | NA | NA | NA | NA |
| 8/10/2018 | 18.7 | 0.39 | 18.0 | 19.1 | 182.2 | 142.2 | NA | NA | NA | NA | NA | NA |
| 8/11/2018 | 19.2 | 0.18 | 19.0 | 19.5 | 201.4 | 157.4 | NA | NA | NA | NA | NA | NA |
| 8/12/2018 | 19.4 | 0.13 | 19.2 | 19.6 | 220.8 | 172.8 | NA | NA | NA | NA | NA | NA |
| 8/13/2018 | 19.5 | 0.12 | 19.4 | 19.8 | 240.3 | 188.3 | NA | NA | NA | NA | NA | NA |
| 8/14/2018 | 19.6 | 0.07 | 19.5 | 19.8 | 260.0 | 204.0 | NA | NA | NA | NA | NA | NA |
| 8/15/2018 | 19.6 | 0.14 | 19.4 | 19.8 | 279.6 | 219.6 | NA | NA | NA | NA | NA | NA |
| 8/16/2018 | 19.7 | 0.15 | 19.4 | 19.9 | 299.3 | 235.3 | NA | NA | NA | NA | NA | NA |
| 8/17/2018 | 19.8 | 0.12 | 19.6 | 20.0 | 319.1 | 251.1 | NA | NA | NA | NA | NA | NA |
| 8/18/2018 | 19.7 | 0.18 | 19.4 | 19.9 | 338.8 | 266.8 | NA | NA | NA | NA | NA | NA |
| 8/19/2018 | 19.3 | 0.20 | 19.1 | 19.7 | 358.1 | 282.1 | NA | NA | NA | NA | NA | NA |
| 8/20/2018 | 19.2 | 0.19 | 18.9 | 19.4 | 377.3 | 297.3 | NA | NA | NA | NA | NA | NA |
| 8/21/2018 | 19.3 | 0.33 | 18.7 | 19.8 | 396.6 | 312.6 | NA | NA | NA | NA | NA | NA |
| 8/22/2018 | 19.5 | 0.24 | 19.0 | 19.8 | 416.1 | 328.1 | NA | NA | NA | NA | NA | NA |
| 8/23/2018 | 19.6 | 0.27 | 19.1 | 20.1 | 435.7 | 343.7 | NA | NA | NA | NA | NA | NA |
| 8/24/2018 | 19.7 | 0.33 | 19.2 | 20.2 | 455.4 | 359.4 | NA | NA | NA | NA | NA | NA |
| 8/25/2018 | 20.0 | 0.29 | 19.4 | 20.4 | 475.4 | 375.4 | NA | NA | NA | NA | NA | NA |
| 8/26/2018 | 20.0 | 0.13 | 19.8 | 20.2 | 495.4 | 391.4 | NA | NA | NA | NA | NA | NA |
| 8/27/2018 | 19.9 | 0.10 | 19.8 | 20.1 | 515.4 | 407.4 | NA | NA | NA | NA | NA | NA |
| 8/28/2018 | 20.0 | 0.11 | 19.9 | 20.3 | 535.4 | 423.4 | NA | NA | NA | NA | NA | NA |
| 8/29/2018 | 20.1 | 0.08 | 19.9 | 20.2 | 555.5 | 439.5 | NA | NA | NA | NA | NA | NA |
| 8/30/2018 | 20.1 | 0.07 | 19.9 | 20.1 | 575.5 | 455.5 | NA | NA | NA | NA | NA | NA |
| 8/31/2018 | 20.0 | 0.06 | 19.8 | 20.1 | 595.5 | 471.5 | NA | NA | NA | NA | NA | NA |

September

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/1/2018 | 19.8 | 0.12 | 19.5 | 20.0 | 19.8 | 15.8 | NA | NA | NA | NA | NA | NA |
| 9/2/2018 | 19.3 | 0.41 | 18.8 | 20.0 | 39.1 | 31.1 | NA | NA | NA | NA | NA | NA |
| 9/3/2018 | 19.0 | 0.35 | 18.5 | 19.6 | 58.1 | 46.1 | NA | NA | NA | NA | NA | NA |
| 9/4/2018 | 19.0 | 0.28 | 18.7 | 19.6 | 77.1 | 61.1 | NA | NA | NA | NA | NA | NA |
| 9/5/2018 | 19.0 | 0.18 | 18.8 | 19.3 | 96.2 | 76.2 | NA | NA | NA | NA | NA | NA |
| 9/6/2018 | 19.4 | 0.17 | 19.0 | 19.6 | 115.6 | 91.6 | NA | NA | NA | NA | NA | NA |
| 9/7/2018 | 19.5 | 0.08 | 19.4 | 19.7 | 135.1 | 107.1 | NA | NA | NA | NA | NA | NA |
| 9/8/2018 | 19.7 | 0.23 | 19.4 | 20.1 | 154.8 | 122.8 | NA | NA | NA | NA | NA | NA |
| 9/9/2018 | 19.7 | 0.28 | 19.4 | 20.1 | 174.6 | 138.6 | NA | NA | NA | NA | NA | NA |
| 9/10/2018 | 19.6 | 0.30 | 19.2 | 20.0 | 194.2 | 154.2 | NA | NA | NA | NA | NA | NA |
| 9/11/2018 | 19.0 | 0.36 | 18.3 | 19.5 | 213.2 | 169.2 | NA | NA | NA | NA | NA | NA |
| 9/12/2018 | 18.4 | 0.49 | 17.6 | 19.0 | 231.5 | 183.5 | NA | NA | NA | NA | NA | NA |
| 9/13/2018 | 17.8 | 0.41 | 17.4 | 18.6 | 249.4 | 197.4 | NA | NA | NA | NA | NA | NA |
| 9/14/2018 | 17.6 | 0.25 | 17.4 | 18.2 | 267.0 | 211.0 | NA | NA | NA | NA | NA | NA |
| 9/15/2018 | 17.6 | 0.15 | 17.4 | 17.9 | 284.6 | 224.6 | NA | NA | NA | NA | NA | NA |
| 9/16/2018 | 17.9 | 0.17 | 17.7 | 18.2 | 302.5 | 238.5 | NA | NA | NA | NA | NA | NA |
| 9/17/2018 | 18.0 | 0.17 | 17.8 | 18.3 | 320.5 | 252.5 | NA | NA | NA | NA | NA | NA |
| 9/18/2018 | 18.7 | 0.32 | 18.4 | 19.2 | 339.3 | 267.3 | NA | NA | NA | NA | NA | NA |
| 9/19/2018 | 19.4 | 0.16 | 19.1 | 19.6 | 358.7 | 282.7 | NA | NA | NA | NA | NA | NA |
| 9/20/2018 | 18.9 | 0.08 | 18.8 | 19.1 | 377.6 | 297.6 | NA | NA | NA | NA | NA | NA |
| 9/21/2018 | 18.8 | 0.05 | 18.7 | 18.9 | 396.4 | 312.4 | NA | NA | NA | NA | NA | NA |
| 9/22/2018 | 18.5 | 0.08 | 18.3 | 18.6 | 414.9 | 326.9 | NA | NA | NA | NA | NA | NA |
| 9/23/2018 | 18.2 | 0.15 | 18.0 | 18.4 | 433.1 | 341.1 | NA | NA | NA | NA | NA | NA |
| 9/24/2018 | 18.0 | 0.13 | 17.8 | 18.3 | 451.1 | 355.1 | NA | NA | NA | NA | NA | NA |
| 9/25/2018 | 17.7 | 0.10 | 17.6 | 18.0 | 468.8 | 368.8 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/26/2018 | 17.4 | 0.10 | 17.2 | 17.5 | 486.2 | 382.2 | NA | NA | NA | NA | NA | NA |
| 9/27/2018 | 17.3 | 0.12 | 17.1 | 17.5 | 503.5 | 395.5 | NA | NA | NA | NA | NA | NA |
| 9/28/2018 | 17.0 | 0.17 | 16.6 | 17.3 | 520.4 | 408.4 | NA | NA | NA | NA | NA | NA |
| 9/29/2018 | 16.9 | 0.12 | 16.7 | 17.1 | 537.3 | 421.3 | NA | NA | NA | NA | NA | NA |
| 9/30/2018 | 16.6 | 0.17 | 16.4 | 17.0 | 553.9 | 433.9 | NA | NA | NA | NA | NA | NA |

October

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/1/2018 | 16.5 | 0.16 | 16.2 | 16.7 | 16.5 | 12.5 | NA | NA | NA | NA | NA | NA |
| 10/2/2018 | 16.3 | 0.21 | 16.1 | 16.7 | 32.8 | 24.8 | NA | NA | NA | NA | NA | NA |
| 10/3/2018 | 15.7 | 0.29 | 15.4 | 16.3 | 48.5 | 36.5 | NA | NA | NA | NA | NA | NA |
| 10/4/2018 | 15.7 | 0.17 | 15.5 | 15.9 | 64.2 | 48.2 | NA | NA | NA | NA | NA | NA |
| 10/5/2018 | 15.8 | 0.13 | 15.6 | 16.0 | 80.0 | 60.0 | NA | NA | NA | NA | NA | NA |
| 10/6/2018 | 15.8 | 0.13 | 15.7 | 16.1 | 95.9 | 71.9 | NA | NA | NA | NA | NA | NA |
| 10/7/2018 | 15.8 | 0.15 | 15.6 | 16.0 | 111.7 | 83.7 | NA | NA | NA | NA | NA | NA |
| 10/8/2018 | 15.6 | 0.17 | 15.4 | 15.8 | 127.2 | 95.2 | NA | NA | NA | NA | NA | NA |
| 10/9/2018 | 15.3 | 0.15 | 15.1 | 15.6 | 142.6 | 106.6 | NA | NA | NA | NA | NA | NA |
| 10/10/2018 | 15.2 | 0.17 | 15.0 | 15.5 | 157.8 | 117.8 | NA | NA | NA | NA | NA | NA |
| 10/11/2018 | 14.8 | 0.17 | 14.6 | 15.1 | 172.6 | 128.6 | NA | NA | NA | NA | NA | NA |
| 10/12/2018 | 14.1 | 0.27 | 13.7 | 14.6 | 186.7 | 138.7 | NA | NA | NA | NA | NA | NA |
| 10/13/2018 | 14.1 | 0.20 | 13.7 | 14.4 | 200.8 | 148.8 | NA | NA | NA | NA | NA | NA |
| 10/14/2018 | 14.0 | 0.13 | 13.8 | 14.2 | 214.8 | 158.8 | NA | NA | NA | NA | NA | NA |
| 10/15/2018 | 13.8 | 0.05 | 13.7 | 13.8 | 228.6 | 168.6 | NA | NA | NA | NA | NA | NA |
| 10/16/2018 | 13.3 | 0.44 | 12.4 | 13.7 | 241.8 | 177.8 | NA | NA | NA | NA | NA | NA |
| 10/17/2018 | 12.2 | 0.08 | 12.1 | 12.4 | 254.1 | 186.1 | NA | NA | NA | NA | NA | NA |
| 10/18/2018 | 11.9 | 0.37 | 10.9 | 12.2 | 266.0 | 194.0 | NA | NA | NA | NA | NA | NA |
| 10/19/2018 | 10.8 | 0.41 | 10.3 | 11.4 | 276.8 | 200.8 | NA | NA | NA | NA | NA | NA |
| 10/20/2018 | 10.5 | 0.18 | 10.3 | 10.8 | 287.3 | 207.3 | NA | NA | NA | NA | NA | NA |
| 10/21/2018 | 10.6 | 0.11 | 10.4 | 10.8 | 297.9 | 213.9 | NA | NA | NA | NA | NA | NA |
| 10/22/2018 | 10.2 | 0.19 | 10.0 | 10.6 | 308.1 | 220.1 | NA | NA | NA | NA | NA | NA |
| 10/23/2018 | 9.8 | 0.11 | 9.6 | 10.0 | 317.9 | 225.9 | NA | NA | NA | NA | NA | NA |
| 10/24/2018 | 9.7 | 0.07 | 9.6 | 9.8 | 327.6 | 231.6 | NA | NA | NA | NA | NA | NA |
| 10/25/2018 | 9.1 | 0.40 | 8.6 | 9.7 | 336.7 | 236.7 | NA | NA | NA | NA | NA | NA |
| 10/26/2018 | 8.5 | 0.17 | 8.2 | 8.7 | 345.2 | 241.2 | NA | NA | NA | NA | NA | NA |
| 10/27/2018 | 8.1 | 0.07 | 8.0 | 8.2 | 353.2 | 245.2 | NA | NA | NA | NA | NA | NA |
| 10/28/2018 | 7.9 | 0.06 | 7.8 | 8.0 | 361.2 | 249.2 | NA | NA | NA | NA | NA | NA |
| 10/29/2018 | 8.0 | 0.05 | 7.9 | 8.0 | 369.1 | 253.1 | NA | NA | NA | NA | NA | NA |
| 10/30/2018 | 8.0 | 0.01 | 8.0 | 8.0 | 377.1 | 257.1 | NA | NA | NA | NA | NA | NA |
| 10/31/2018 | 8.0 | 0.01 | 7.9 | 8.0 | 385.1 | 261.1 | NA | NA | NA | NA | NA | NA |

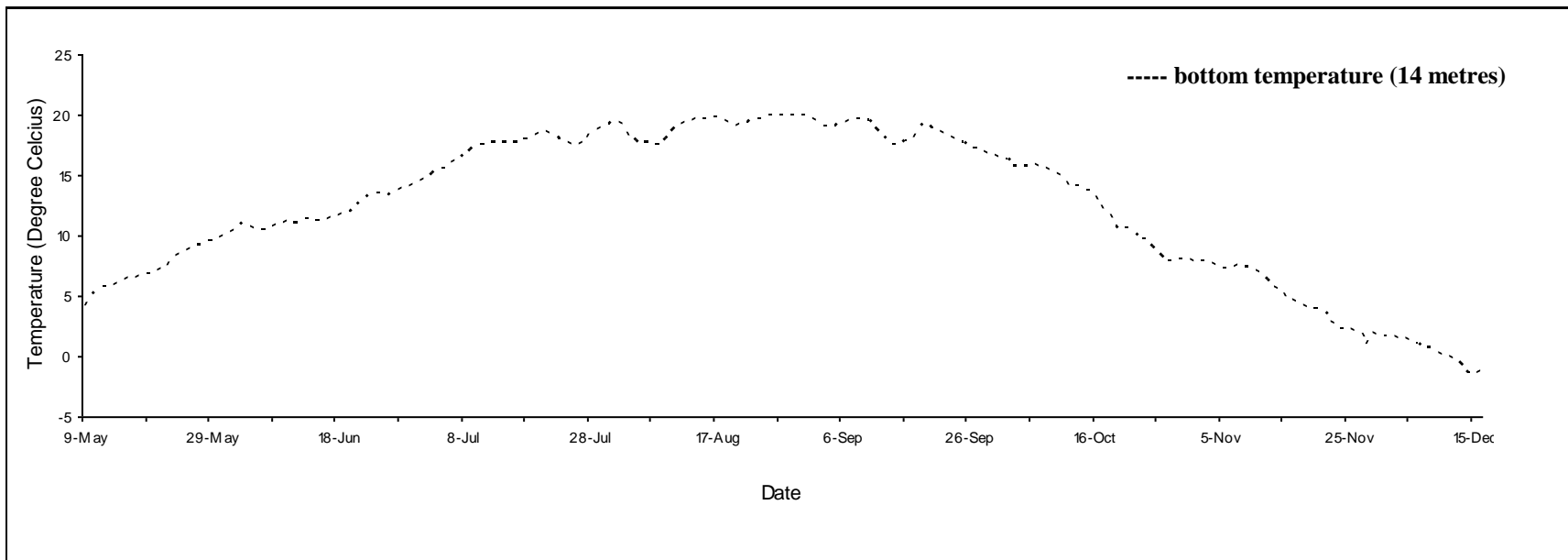
November

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 11/1/2018 | 7.9 | 0.02 | 7.9 | 8.0 | 7.9 | 3.9 | NA | NA | NA | NA | NA | NA |
| 11/2/2018 | 7.8 | 0.08 | 7.6 | 7.9 | 15.8 | 7.8 | NA | NA | NA | NA | NA | NA |
| 11/3/2018 | 7.8 | 0.14 | 7.4 | 7.9 | 23.5 | 11.5 | NA | NA | NA | NA | NA | NA |
| 11/4/2018 | 7.6 | 0.35 | 7.0 | 7.9 | 31.1 | 15.1 | NA | NA | NA | NA | NA | NA |
| 11/5/2018 | 7.3 | 0.11 | 7.1 | 7.4 | 38.4 | 18.4 | NA | NA | NA | NA | NA | NA |
| 11/6/2018 | 7.3 | 0.09 | 7.1 | 7.4 | 45.6 | 21.6 | NA | NA | NA | NA | NA | NA |
| 11/7/2018 | 7.5 | 0.12 | 7.2 | 7.6 | 53.1 | 25.1 | NA | NA | NA | NA | NA | NA |
| 11/8/2018 | 7.5 | 0.08 | 7.4 | 7.6 | 60.6 | 28.6 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 11/9/2018 | 7.5 | 0.07 | 7.3 | 7.6 | 68.1 | 32.1 | NA | NA | NA | NA | NA | NA |
| 11/10/2018 | 7.3 | 0.09 | 7.2 | 7.5 | 75.4 | 35.4 | NA | NA | NA | NA | NA | NA |
| 11/11/2018 | 7.0 | 0.13 | 6.8 | 7.2 | 82.4 | 38.4 | NA | NA | NA | NA | NA | NA |
| 11/12/2018 | 6.3 | 0.32 | 5.9 | 6.8 | 88.7 | 40.7 | NA | NA | NA | NA | NA | NA |
| 11/13/2018 | 6.0 | 0.07 | 5.9 | 6.1 | 94.7 | 42.7 | NA | NA | NA | NA | NA | NA |
| 11/14/2018 | 5.5 | 0.28 | 4.9 | 5.9 | 100.2 | 44.2 | NA | NA | NA | NA | NA | NA |
| 11/15/2018 | 5.1 | 0.14 | 4.8 | 5.3 | 105.3 | 45.3 | NA | NA | NA | NA | NA | NA |
| 11/16/2018 | 4.9 | 0.33 | 4.1 | 5.1 | 110.2 | 46.2 | NA | NA | NA | NA | NA | NA |
| 11/17/2018 | 4.5 | 0.20 | 4.1 | 4.7 | 114.7 | 46.7 | NA | NA | NA | NA | NA | NA |
| 11/18/2018 | 4.2 | 0.19 | 3.8 | 4.5 | 118.9 | 46.9 | NA | NA | NA | NA | NA | NA |
| 11/19/2018 | 4.1 | 0.09 | 3.9 | 4.2 | 122.9 | 46.9 | NA | NA | NA | NA | NA | NA |
| 11/20/2018 | 4.0 | 0.11 | 3.8 | 4.1 | 126.9 | 46.9 | NA | NA | NA | NA | NA | NA |
| 11/21/2018 | 3.7 | 0.16 | 3.5 | 4.0 | 130.6 | 46.9 | NA | NA | NA | NA | NA | NA |
| 11/22/2018 | 3.1 | 0.29 | 2.8 | 3.6 | 133.7 | 46.9 | NA | NA | NA | NA | NA | NA |
| 11/23/2018 | 2.5 | 0.16 | 2.3 | 2.8 | 136.2 | 46.9 | NA | NA | NA | NA | NA | NA |
| 11/24/2018 | 2.2 | 0.16 | 1.8 | 2.4 | 138.4 | 46.9 | NA | NA | NA | NA | NA | NA |
| 11/25/2018 | 2.3 | 0.04 | 2.2 | 2.4 | 140.7 | 46.9 | NA | NA | NA | NA | NA | NA |
| 11/26/2018 | 2.2 | 0.07 | 2.1 | 2.3 | 142.9 | 46.9 | NA | NA | NA | NA | NA | NA |
| 11/27/2018 | 2.0 | 0.26 | 1.5 | 2.3 | 144.9 | 46.9 | NA | NA | NA | NA | NA | NA |
| 11/28/2018 | 1.1 | 0.50 | 0.6 | 2.1 | 146.0 | 46.9 | NA | NA | NA | NA | NA | NA |
| 11/29/2018 | 1.9 | 0.15 | 1.5 | 2.1 | 147.9 | 46.9 | NA | NA | NA | NA | NA | NA |
| 11/30/2018 | 1.7 | 0.13 | 1.4 | 1.8 | 149.6 | 46.9 | NA | NA | NA | NA | NA | NA |

December

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 12/1/2018 | 1.7 | 0.10 | 1.5 | 1.8 | 1.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/2/2018 | 1.6 | 0.10 | 1.5 | 1.8 | 3.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/3/2018 | 1.5 | 0.05 | 1.4 | 1.6 | 4.9 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/4/2018 | 1.4 | 0.17 | 1.1 | 1.6 | 6.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/5/2018 | 1.2 | 0.23 | 0.8 | 1.5 | 7.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/6/2018 | 1.0 | 0.26 | 0.6 | 1.3 | 8.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/7/2018 | 0.7 | 0.39 | 0.2 | 1.1 | 9.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/8/2018 | 0.7 | 0.31 | 0.1 | 1.0 | 9.9 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/9/2018 | 0.5 | 0.19 | 0.3 | 0.8 | 10.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/10/2018 | 0.2 | 0.06 | 0.1 | 0.3 | 10.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/11/2018 | 0.1 | 0.06 | 0.0 | 0.1 | 10.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/12/2018 | -0.2 | 0.13 | -0.5 | 0.0 | 10.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/13/2018 | -0.7 | 0.36 | -1.2 | -0.3 | 10.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/14/2018 | -1.4 | 0.10 | -1.5 | -1.1 | 10.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/15/2018 | -1.4 | 0.06 | -1.4 | -1.2 | 10.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/16/2018 | -1.2 | 0.10 | -1.4 | -1.1 | 10.7 | 0.0 | NA | NA | NA | NA | NA | NA |



Daily mean temperature for Strait Crossing 1, 2018.

Strait Crossing 2

2018

May

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 5/9/2018 | 4.3 | 0.10 | 4.2 | 4.5 | 4.3 | 0.3 | NA | NA | NA | NA | NA | NA |
| 5/10/2018 | 4.2 | 0.23 | 3.8 | 4.6 | 8.6 | 0.6 | NA | NA | NA | NA | NA | NA |
| 5/11/2018 | 4.5 | 0.43 | 4.0 | 5.4 | 13.1 | 1.1 | NA | NA | NA | NA | NA | NA |
| 5/12/2018 | 5.0 | 0.76 | 3.5 | 5.8 | 18.1 | 2.1 | NA | NA | NA | NA | NA | NA |
| 5/13/2018 | 5.4 | 0.71 | 3.8 | 6.1 | 23.5 | 3.5 | NA | NA | NA | NA | NA | NA |
| 5/14/2018 | 4.8 | 0.75 | 3.8 | 6.1 | 28.3 | 4.3 | NA | NA | NA | NA | NA | NA |
| 5/15/2018 | 4.8 | 1.08 | 3.0 | 6.2 | 33.0 | 5.0 | NA | NA | NA | NA | NA | NA |
| 5/16/2018 | 5.4 | 1.01 | 3.6 | 6.6 | 38.5 | 6.5 | NA | NA | NA | NA | NA | NA |
| 5/17/2018 | 5.6 | 1.02 | 3.6 | 6.7 | 44.0 | 8.0 | NA | NA | NA | NA | NA | NA |
| 5/18/2018 | 6.0 | 0.99 | 4.0 | 7.1 | 50.1 | 10.1 | NA | NA | NA | NA | NA | NA |
| 5/19/2018 | 6.5 | 0.78 | 5.3 | 7.4 | 56.6 | 12.6 | NA | NA | NA | NA | NA | NA |
| 5/20/2018 | 6.7 | 0.77 | 5.6 | 7.7 | 63.3 | 15.3 | NA | NA | NA | NA | NA | NA |
| 5/21/2018 | 6.8 | 0.55 | 5.8 | 7.6 | 70.1 | 18.1 | NA | NA | NA | NA | NA | NA |
| 5/22/2018 | 7.1 | 0.67 | 5.8 | 7.9 | 77.2 | 21.2 | NA | NA | NA | NA | NA | NA |
| 5/23/2018 | 6.9 | 0.70 | 6.2 | 7.9 | 84.1 | 24.1 | NA | NA | NA | NA | NA | NA |
| 5/24/2018 | 7.3 | 0.55 | 6.5 | 8.1 | 91.4 | 27.4 | NA | NA | NA | NA | NA | NA |
| 5/25/2018 | 6.8 | 0.46 | 5.8 | 7.2 | 98.1 | 30.1 | NA | NA | NA | NA | NA | NA |
| 5/26/2018 | 6.0 | 0.39 | 5.4 | 6.6 | 104.2 | 32.2 | NA | NA | NA | NA | NA | NA |
| 5/27/2018 | 6.0 | 0.38 | 5.4 | 6.4 | 110.2 | 34.2 | NA | NA | NA | NA | NA | NA |
| 5/28/2018 | 6.3 | 0.45 | 5.5 | 6.9 | 116.5 | 36.5 | NA | NA | NA | NA | NA | NA |
| 5/29/2018 | 6.8 | 0.46 | 6.1 | 7.4 | 123.3 | 39.3 | NA | NA | NA | NA | NA | NA |
| 5/30/2018 | 6.8 | 0.57 | 5.8 | 7.5 | 130.1 | 42.1 | NA | NA | NA | NA | NA | NA |
| 5/31/2018 | 6.5 | 0.74 | 5.5 | 7.8 | 136.6 | 44.6 | NA | NA | NA | NA | NA | NA |

June

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/1/2018 | 5.8 | 0.60 | 4.9 | 6.7 | 5.8 | 1.8 | NA | NA | NA | NA | NA | NA |
| 6/2/2018 | 7.9 | 2.09 | 5.2 | 10.4 | 13.8 | 5.8 | NA | NA | NA | NA | NA | NA |
| 6/3/2018 | 10.4 | 0.03 | 10.3 | 10.4 | 24.2 | 12.2 | NA | NA | NA | NA | NA | NA |
| 6/4/2018 | 10.0 | 0.55 | 9.1 | 10.5 | 34.2 | 18.2 | NA | NA | NA | NA | NA | NA |
| 6/5/2018 | 8.7 | 0.61 | 7.4 | 9.4 | 42.8 | 22.8 | NA | NA | NA | NA | NA | NA |
| 6/6/2018 | 7.9 | 0.27 | 7.4 | 8.4 | 50.7 | 26.7 | NA | NA | NA | NA | NA | NA |
| 6/7/2018 | 7.7 | 0.19 | 7.4 | 8.0 | 58.4 | 30.4 | NA | NA | NA | NA | NA | NA |
| 6/8/2018 | 7.8 | 0.30 | 7.3 | 8.4 | 66.3 | 34.3 | NA | NA | NA | NA | NA | NA |
| 6/9/2018 | 7.6 | 0.41 | 6.9 | 8.2 | 73.9 | 37.9 | NA | NA | NA | NA | NA | NA |
| 6/10/2018 | 7.6 | 0.51 | 6.8 | 8.4 | 81.5 | 41.5 | NA | NA | NA | NA | NA | NA |
| 6/11/2018 | 8.0 | 0.50 | 7.2 | 8.8 | 89.5 | 45.5 | NA | NA | NA | NA | NA | NA |
| 6/12/2018 | 8.5 | 0.47 | 7.6 | 9.3 | 98.0 | 50.0 | NA | NA | NA | NA | NA | NA |
| 6/13/2018 | 10.2 | 0.92 | 8.5 | 11.3 | 108.1 | 56.1 | NA | NA | NA | NA | NA | NA |
| 6/14/2018 | 9.7 | 0.82 | 8.0 | 10.6 | 117.8 | 61.8 | NA | NA | NA | NA | NA | NA |
| 6/15/2018 | 9.9 | 0.81 | 8.4 | 11.0 | 127.7 | 67.7 | NA | NA | NA | NA | NA | NA |
| 6/16/2018 | 10.3 | 1.03 | 8.4 | 11.6 | 138.0 | 74.0 | NA | NA | NA | NA | NA | NA |
| 6/17/2018 | 10.3 | 0.94 | 8.7 | 11.7 | 148.3 | 80.3 | NA | NA | NA | NA | NA | NA |
| 6/18/2018 | 9.9 | 1.09 | 8.4 | 11.4 | 158.2 | 86.2 | NA | NA | NA | NA | NA | NA |
| 6/19/2018 | 10.6 | 1.08 | 9.0 | 12.1 | 168.8 | 92.8 | NA | NA | NA | NA | NA | NA |
| 6/20/2018 | 9.8 | 0.91 | 8.6 | 11.1 | 178.6 | 98.6 | NA | NA | NA | NA | NA | NA |
| 6/21/2018 | 9.0 | 0.43 | 8.2 | 9.7 | 187.6 | 103.6 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/22/2018 | 8.6 | 0.37 | 7.8 | 8.9 | 196.2 | 108.2 | NA | NA | NA | NA | NA | NA |
| 6/23/2018 | 8.0 | 0.39 | 7.4 | 8.6 | 204.2 | 112.2 | NA | NA | NA | NA | NA | NA |
| 6/24/2018 | 7.8 | 0.26 | 7.3 | 8.2 | 212.0 | 116.0 | NA | NA | NA | NA | NA | NA |
| 6/25/2018 | 8.7 | 0.74 | 7.6 | 9.9 | 220.7 | 120.7 | NA | NA | NA | NA | NA | NA |
| 6/26/2018 | 8.3 | 0.27 | 7.7 | 8.6 | 228.9 | 124.9 | NA | NA | NA | NA | NA | NA |
| 6/27/2018 | 9.0 | 0.57 | 8.2 | 9.7 | 238.0 | 130.0 | NA | NA | NA | NA | NA | NA |
| 6/28/2018 | 9.0 | 0.59 | 8.0 | 10.0 | 246.9 | 134.9 | NA | NA | NA | NA | NA | NA |
| 6/29/2018 | 9.4 | 0.35 | 8.8 | 9.9 | 256.3 | 140.3 | NA | NA | NA | NA | NA | NA |
| 6/30/2018 | 9.2 | 0.60 | 8.3 | 10.0 | 265.5 | 145.5 | NA | NA | NA | NA | NA | NA |

July

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/1/2018 | 9.3 | 0.62 | 8.3 | 10.2 | 9.3 | 5.3 | NA | NA | NA | NA | NA | NA |
| 7/2/2018 | 9.6 | 0.53 | 8.9 | 10.6 | 18.9 | 10.9 | NA | NA | NA | NA | NA | NA |
| 7/3/2018 | 9.4 | 0.16 | 9.1 | 9.6 | 28.3 | 16.3 | NA | NA | NA | NA | NA | NA |
| 7/4/2018 | 9.8 | 0.27 | 9.5 | 10.3 | 38.2 | 22.2 | NA | NA | NA | NA | NA | NA |
| 7/5/2018 | 10.0 | 0.13 | 9.7 | 10.1 | 48.1 | 28.1 | NA | NA | NA | NA | NA | NA |
| 7/6/2018 | 10.2 | 0.21 | 9.8 | 10.5 | 58.3 | 34.3 | NA | NA | NA | NA | NA | NA |
| 7/7/2018 | 10.9 | 0.71 | 10.0 | 12.7 | 69.1 | 41.1 | NA | NA | NA | NA | NA | NA |
| 7/8/2018 | 11.1 | 0.49 | 10.3 | 12.0 | 80.2 | 48.2 | NA | NA | NA | NA | NA | NA |
| 7/9/2018 | 12.1 | 0.42 | 11.3 | 12.8 | 92.3 | 56.3 | NA | NA | NA | NA | NA | NA |
| 7/10/2018 | 11.2 | 0.64 | 10.4 | 12.7 | 103.5 | 63.5 | NA | NA | NA | NA | NA | NA |
| 7/11/2018 | 11.3 | 0.67 | 10.3 | 12.3 | 114.8 | 70.8 | NA | NA | NA | NA | NA | NA |
| 7/12/2018 | 11.2 | 0.49 | 10.4 | 11.8 | 126.0 | 78.0 | NA | NA | NA | NA | NA | NA |
| 7/13/2018 | 11.9 | 0.89 | 10.5 | 13.0 | 137.9 | 85.9 | NA | NA | NA | NA | NA | NA |
| 7/14/2018 | 12.3 | 1.05 | 10.7 | 13.8 | 150.2 | 94.2 | NA | NA | NA | NA | NA | NA |
| 7/15/2018 | 12.6 | 1.01 | 10.9 | 14.1 | 162.8 | 102.8 | NA | NA | NA | NA | NA | NA |
| 7/16/2018 | 12.8 | 0.94 | 11.4 | 14.2 | 175.6 | 111.6 | NA | NA | NA | NA | NA | NA |
| 7/17/2018 | 12.5 | 0.84 | 11.3 | 13.5 | 188.0 | 120.0 | NA | NA | NA | NA | NA | NA |
| 7/18/2018 | 12.2 | 0.65 | 11.1 | 13.1 | 200.2 | 128.2 | NA | NA | NA | NA | NA | NA |
| 7/19/2018 | 12.1 | 0.49 | 11.4 | 12.6 | 212.3 | 136.3 | NA | NA | NA | NA | NA | NA |
| 7/20/2018 | 11.9 | 0.31 | 11.4 | 12.2 | 224.2 | 144.2 | NA | NA | NA | NA | NA | NA |
| 7/21/2018 | 11.7 | 0.28 | 11.2 | 12.0 | 235.9 | 151.9 | NA | NA | NA | NA | NA | NA |
| 7/22/2018 | 11.9 | 0.24 | 11.4 | 12.2 | 247.8 | 159.8 | NA | NA | NA | NA | NA | NA |
| 7/23/2018 | 11.9 | 0.23 | 11.6 | 12.4 | 259.7 | 167.7 | NA | NA | NA | NA | NA | NA |
| 7/24/2018 | 12.0 | 0.20 | 11.6 | 12.3 | 271.7 | 175.7 | NA | NA | NA | NA | NA | NA |
| 7/25/2018 | 12.2 | 0.23 | 11.8 | 12.6 | 283.8 | 183.8 | NA | NA | NA | NA | NA | NA |
| 7/26/2018 | 12.7 | 0.48 | 11.9 | 13.5 | 296.5 | 192.5 | NA | NA | NA | NA | NA | NA |
| 7/27/2018 | 13.1 | 0.52 | 12.4 | 14.0 | 309.6 | 201.6 | NA | NA | NA | NA | NA | NA |
| 7/28/2018 | 13.0 | 0.43 | 12.4 | 13.7 | 322.5 | 210.5 | NA | NA | NA | NA | NA | NA |
| 7/29/2018 | 13.2 | 0.44 | 12.4 | 13.7 | 335.7 | 219.7 | NA | NA | NA | NA | NA | NA |
| 7/30/2018 | 13.3 | 0.41 | 12.6 | 13.9 | 348.9 | 228.9 | NA | NA | NA | NA | NA | NA |
| 7/31/2018 | 13.2 | 0.45 | 12.6 | 14.0 | 362.2 | 238.2 | NA | NA | NA | NA | NA | NA |

August

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/1/2018 | 13.3 | 0.26 | 13.1 | 13.8 | 13.3 | 9.3 | NA | NA | NA | NA | NA | NA |
| 8/2/2018 | 13.2 | 0.18 | 12.9 | 13.5 | 26.5 | 18.5 | NA | NA | NA | NA | NA | NA |
| 8/3/2018 | 13.0 | 0.16 | 12.8 | 13.3 | 39.5 | 27.5 | NA | NA | NA | NA | NA | NA |
| 8/4/2018 | 13.0 | 0.06 | 12.9 | 13.1 | 52.5 | 36.5 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/5/2018 | 13.1 | 0.23 | 12.8 | 13.5 | 65.6 | 45.6 | NA | NA | NA | NA | NA | NA |
| 8/6/2018 | 13.0 | 0.26 | 12.6 | 13.4 | 78.6 | 54.6 | NA | NA | NA | NA | NA | NA |
| 8/7/2018 | 12.9 | 0.21 | 12.6 | 13.2 | 91.5 | 63.5 | NA | NA | NA | NA | NA | NA |
| 8/8/2018 | 13.1 | 0.20 | 12.6 | 13.3 | 104.6 | 72.6 | NA | NA | NA | NA | NA | NA |
| 8/9/2018 | 13.4 | 0.34 | 12.8 | 13.8 | 117.9 | 81.9 | NA | NA | NA | NA | NA | NA |
| 8/10/2018 | 14.0 | 0.59 | 13.1 | 15.0 | 132.0 | 92.0 | NA | NA | NA | NA | NA | NA |
| 8/11/2018 | 13.8 | 0.74 | 12.7 | 14.7 | 145.7 | 101.7 | NA | NA | NA | NA | NA | NA |
| 8/12/2018 | 14.2 | 1.00 | 12.8 | 15.7 | 159.9 | 111.9 | NA | NA | NA | NA | NA | NA |
| 8/13/2018 | 13.8 | 1.09 | 12.4 | 16.1 | 173.7 | 121.7 | NA | NA | NA | NA | NA | NA |
| 8/14/2018 | 14.0 | 0.91 | 12.8 | 15.8 | 187.7 | 131.7 | NA | NA | NA | NA | NA | NA |
| 8/15/2018 | 13.9 | 0.67 | 12.8 | 14.8 | 201.6 | 141.6 | NA | NA | NA | NA | NA | NA |
| 8/16/2018 | 14.4 | 0.75 | 13.2 | 15.7 | 216.0 | 152.0 | NA | NA | NA | NA | NA | NA |
| 8/17/2018 | 14.0 | 0.96 | 13.0 | 15.8 | 230.0 | 162.0 | NA | NA | NA | NA | NA | NA |
| 8/18/2018 | 13.1 | 0.27 | 12.8 | 13.7 | 243.2 | 171.2 | NA | NA | NA | NA | NA | NA |
| 8/19/2018 | 13.4 | 0.23 | 13.1 | 13.8 | 256.6 | 180.6 | NA | NA | NA | NA | NA | NA |
| 8/20/2018 | 13.6 | 0.32 | 13.2 | 14.1 | 270.2 | 190.2 | NA | NA | NA | NA | NA | NA |
| 8/21/2018 | 13.5 | 0.23 | 13.1 | 13.9 | 283.7 | 199.7 | NA | NA | NA | NA | NA | NA |
| 8/22/2018 | 13.8 | 0.34 | 13.2 | 14.4 | 297.6 | 209.6 | NA | NA | NA | NA | NA | NA |
| 8/23/2018 | 14.8 | 0.35 | 14.2 | 15.2 | 312.4 | 220.4 | NA | NA | NA | NA | NA | NA |
| 8/24/2018 | 15.2 | 0.32 | 14.8 | 15.6 | 327.6 | 231.6 | NA | NA | NA | NA | NA | NA |
| 8/25/2018 | 15.5 | 0.61 | 14.5 | 16.4 | 343.0 | 243.0 | NA | NA | NA | NA | NA | NA |
| 8/26/2018 | 15.7 | 0.38 | 14.9 | 16.3 | 358.7 | 254.7 | NA | NA | NA | NA | NA | NA |
| 8/27/2018 | 15.7 | 0.68 | 14.5 | 16.5 | 374.4 | 266.4 | NA | NA | NA | NA | NA | NA |
| 8/28/2018 | 14.6 | 0.66 | 13.8 | 15.7 | 389.1 | 277.1 | NA | NA | NA | NA | NA | NA |
| 8/29/2018 | 14.6 | 0.74 | 13.8 | 15.7 | 403.6 | 287.6 | NA | NA | NA | NA | NA | NA |
| 8/30/2018 | 14.3 | 0.71 | 13.4 | 15.5 | 418.0 | 298.0 | NA | NA | NA | NA | NA | NA |
| 8/31/2018 | 14.1 | 0.57 | 13.2 | 14.9 | 432.1 | 308.1 | NA | NA | NA | NA | NA | NA |

September

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/1/2018 | 13.8 | 0.26 | 13.5 | 14.2 | 13.8 | 9.8 | NA | NA | NA | NA | NA | NA |
| 9/2/2018 | 13.7 | 0.27 | 13.3 | 14.1 | 27.5 | 19.5 | NA | NA | NA | NA | NA | NA |
| 9/3/2018 | 13.4 | 0.56 | 12.5 | 14.3 | 40.9 | 28.9 | NA | NA | NA | NA | NA | NA |
| 9/4/2018 | 12.9 | 0.70 | 11.8 | 14.2 | 53.8 | 37.8 | NA | NA | NA | NA | NA | NA |
| 9/5/2018 | 12.5 | 0.48 | 11.8 | 13.1 | 66.3 | 46.3 | NA | NA | NA | NA | NA | NA |
| 9/6/2018 | 12.4 | 0.38 | 11.7 | 12.9 | 78.7 | 54.7 | NA | NA | NA | NA | NA | NA |
| 9/7/2018 | 13.2 | 0.70 | 12.1 | 14.3 | 92.0 | 64.0 | NA | NA | NA | NA | NA | NA |
| 9/8/2018 | 14.5 | 1.37 | 12.2 | 17.0 | 106.5 | 74.5 | NA | NA | NA | NA | NA | NA |
| 9/9/2018 | 15.3 | 1.19 | 13.3 | 16.6 | 121.8 | 85.8 | NA | NA | NA | NA | NA | NA |
| 9/10/2018 | 14.9 | 1.39 | 12.8 | 16.6 | 136.7 | 96.7 | NA | NA | NA | NA | NA | NA |
| 9/11/2018 | 14.9 | 1.31 | 12.6 | 16.8 | 151.5 | 107.5 | NA | NA | NA | NA | NA | NA |
| 9/12/2018 | 16.0 | 1.16 | 13.9 | 17.3 | 167.5 | 119.5 | NA | NA | NA | NA | NA | NA |
| 9/13/2018 | 15.8 | 1.34 | 13.9 | 17.4 | 183.2 | 131.2 | NA | NA | NA | NA | NA | NA |
| 9/14/2018 | 15.3 | 1.45 | 13.5 | 17.4 | 198.5 | 142.5 | NA | NA | NA | NA | NA | NA |
| 9/15/2018 | 14.7 | 0.76 | 13.7 | 15.9 | 213.2 | 153.2 | NA | NA | NA | NA | NA | NA |
| 9/16/2018 | 14.5 | 0.55 | 13.6 | 15.4 | 227.7 | 163.7 | NA | NA | NA | NA | NA | NA |
| 9/17/2018 | 14.0 | 0.29 | 13.7 | 14.7 | 241.7 | 173.7 | NA | NA | NA | NA | NA | NA |
| 9/18/2018 | 15.5 | 1.15 | 14.0 | 17.3 | 257.2 | 185.2 | NA | NA | NA | NA | NA | NA |
| 9/19/2018 | 18.3 | 0.38 | 17.2 | 18.7 | 275.5 | 199.5 | NA | NA | NA | NA | NA | NA |
| 9/20/2018 | 17.3 | 0.79 | 16.6 | 18.7 | 292.8 | 212.8 | NA | NA | NA | NA | NA | NA |
| 9/21/2018 | 16.7 | 0.21 | 16.4 | 17.0 | 309.5 | 225.5 | NA | NA | NA | NA | NA | NA |
| 9/22/2018 | 16.9 | 0.17 | 16.6 | 17.2 | 326.4 | 238.4 | NA | NA | NA | NA | NA | NA |
| 9/23/2018 | 16.9 | 0.21 | 16.7 | 17.3 | 343.4 | 251.4 | NA | NA | NA | NA | NA | NA |
| 9/24/2018 | 17.3 | 0.18 | 17.0 | 17.5 | 360.6 | 264.6 | NA | NA | NA | NA | NA | NA |
| 9/25/2018 | 17.2 | 0.16 | 17.0 | 17.5 | 377.9 | 277.9 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/26/2018 | 16.4 | 0.22 | 16.2 | 17.0 | 394.3 | 290.3 | NA | NA | NA | NA | NA | NA |
| 9/27/2018 | 16.4 | 0.11 | 16.2 | 16.5 | 410.7 | 302.7 | NA | NA | NA | NA | NA | NA |
| 9/28/2018 | 16.3 | 0.09 | 16.2 | 16.4 | 427.0 | 315.0 | NA | NA | NA | NA | NA | NA |
| 9/29/2018 | 16.2 | 0.05 | 16.1 | 16.3 | 443.2 | 327.2 | NA | NA | NA | NA | NA | NA |
| 9/30/2018 | 16.1 | 0.04 | 16.0 | 16.1 | 459.3 | 339.3 | NA | NA | NA | NA | NA | NA |

October

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/1/2018 | 16.0 | 0.04 | 16.0 | 16.1 | 16.0 | 12.0 | NA | NA | NA | NA | NA | NA |
| 10/2/2018 | 15.9 | 0.04 | 15.9 | 16.0 | 32.0 | 24.0 | NA | NA | NA | NA | NA | NA |
| 10/3/2018 | 15.7 | 0.17 | 15.3 | 15.9 | 47.6 | 35.6 | NA | NA | NA | NA | NA | NA |
| 10/4/2018 | 15.7 | 0.09 | 15.4 | 15.8 | 63.3 | 47.3 | NA | NA | NA | NA | NA | NA |
| 10/5/2018 | 15.7 | 0.04 | 15.6 | 15.7 | 79.0 | 59.0 | NA | NA | NA | NA | NA | NA |
| 10/6/2018 | 15.5 | 0.05 | 15.4 | 15.6 | 94.5 | 70.5 | NA | NA | NA | NA | NA | NA |
| 10/7/2018 | 15.4 | 0.05 | 15.3 | 15.5 | 110.0 | 82.0 | NA | NA | NA | NA | NA | NA |
| 10/8/2018 | 15.2 | 0.08 | 15.0 | 15.3 | 125.2 | 93.2 | NA | NA | NA | NA | NA | NA |
| 10/9/2018 | 15.0 | 0.10 | 14.8 | 15.2 | 140.2 | 104.2 | NA | NA | NA | NA | NA | NA |
| 10/10/2018 | 14.9 | 0.19 | 14.5 | 15.1 | 155.1 | 115.1 | NA | NA | NA | NA | NA | NA |
| 10/11/2018 | 14.7 | 0.12 | 14.6 | 14.9 | 169.8 | 125.8 | NA | NA | NA | NA | NA | NA |
| 10/12/2018 | 14.2 | 0.23 | 13.8 | 14.6 | 184.0 | 136.0 | NA | NA | NA | NA | NA | NA |
| 10/13/2018 | 14.2 | 0.15 | 13.9 | 14.4 | 198.2 | 146.2 | NA | NA | NA | NA | NA | NA |
| 10/14/2018 | 13.8 | 0.17 | 13.6 | 14.1 | 212.0 | 156.0 | NA | NA | NA | NA | NA | NA |
| 10/15/2018 | 13.6 | 0.10 | 13.5 | 13.8 | 225.6 | 165.6 | NA | NA | NA | NA | NA | NA |
| 10/16/2018 | 13.5 | 0.08 | 13.4 | 13.6 | 239.0 | 175.0 | NA | NA | NA | NA | NA | NA |
| 10/17/2018 | 13.2 | 0.08 | 13.1 | 13.4 | 252.3 | 184.3 | NA | NA | NA | NA | NA | NA |
| 10/18/2018 | 12.4 | 0.51 | 11.7 | 13.0 | 264.7 | 192.7 | NA | NA | NA | NA | NA | NA |
| 10/19/2018 | 11.5 | 0.32 | 10.9 | 11.9 | 276.2 | 200.2 | NA | NA | NA | NA | NA | NA |
| 10/20/2018 | 11.1 | 0.08 | 11.0 | 11.3 | 287.3 | 207.3 | NA | NA | NA | NA | NA | NA |
| 10/21/2018 | 11.0 | 0.09 | 10.9 | 11.2 | 298.3 | 214.3 | NA | NA | NA | NA | NA | NA |
| 10/22/2018 | 10.6 | 0.19 | 10.4 | 10.9 | 308.9 | 220.9 | NA | NA | NA | NA | NA | NA |
| 10/23/2018 | 10.2 | 0.43 | 9.4 | 10.7 | 319.1 | 227.1 | NA | NA | NA | NA | NA | NA |
| 10/24/2018 | 10.2 | 0.18 | 9.8 | 10.5 | 329.3 | 233.3 | NA | NA | NA | NA | NA | NA |
| 10/25/2018 | 9.5 | 0.32 | 8.9 | 10.0 | 338.8 | 238.8 | NA | NA | NA | NA | NA | NA |
| 10/26/2018 | 8.6 | 0.15 | 8.5 | 8.9 | 347.5 | 243.5 | NA | NA | NA | NA | NA | NA |
| 10/27/2018 | 8.2 | 0.13 | 8.1 | 8.4 | 355.7 | 247.7 | NA | NA | NA | NA | NA | NA |
| 10/28/2018 | 8.1 | 0.07 | 7.9 | 8.2 | 363.8 | 251.8 | NA | NA | NA | NA | NA | NA |
| 10/29/2018 | 7.8 | 0.21 | 7.4 | 8.1 | 371.6 | 255.6 | NA | NA | NA | NA | NA | NA |
| 10/30/2018 | 7.5 | 0.23 | 7.1 | 7.7 | 379.1 | 259.1 | NA | NA | NA | NA | NA | NA |
| 10/31/2018 | 7.5 | 0.18 | 7.3 | 7.8 | 386.6 | 262.6 | NA | NA | NA | NA | NA | NA |

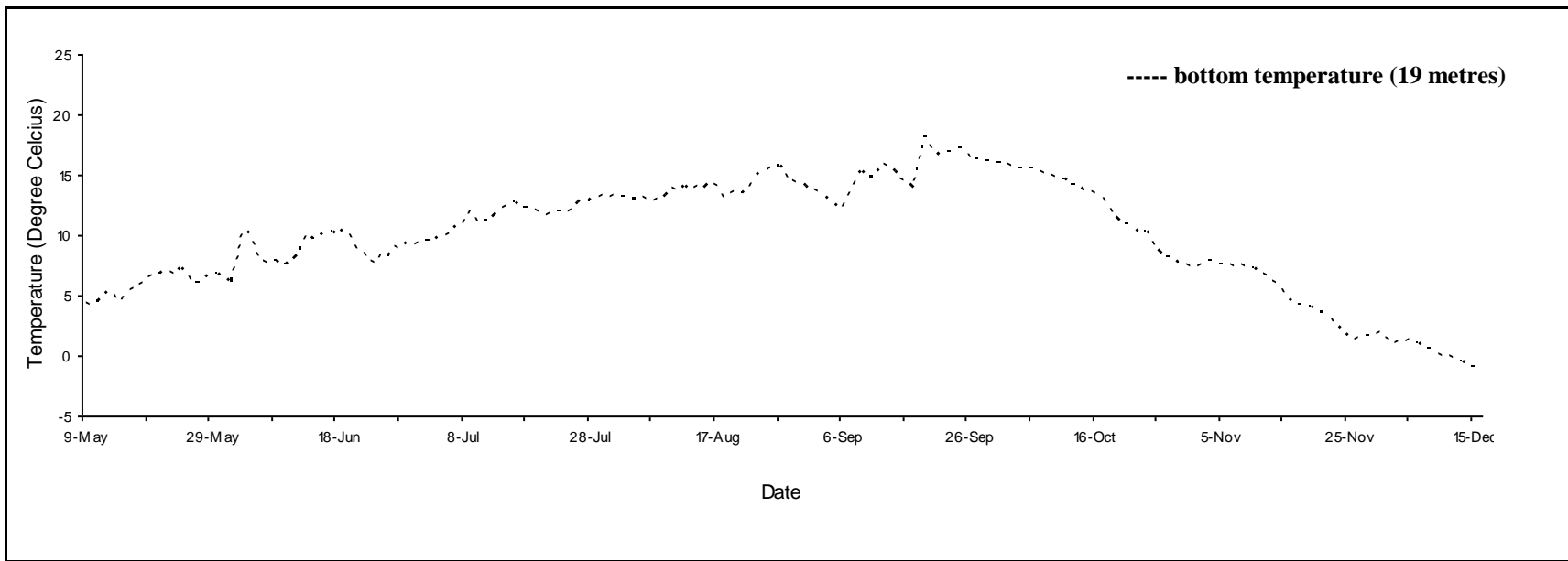
November

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 11/1/2018 | 7.4 | 0.16 | 7.3 | 7.8 | 7.4 | 3.4 | NA | NA | NA | NA | NA | NA |
| 11/2/2018 | 7.7 | 0.29 | 7.2 | 8.0 | 15.1 | 7.1 | NA | NA | NA | NA | NA | NA |
| 11/3/2018 | 7.9 | 0.21 | 7.6 | 8.1 | 23.0 | 11.0 | NA | NA | NA | NA | NA | NA |
| 11/4/2018 | 7.7 | 0.13 | 7.4 | 7.8 | 30.6 | 14.6 | NA | NA | NA | NA | NA | NA |
| 11/5/2018 | 7.6 | 0.04 | 7.6 | 7.7 | 38.3 | 18.3 | NA | NA | NA | NA | NA | NA |
| 11/6/2018 | 7.5 | 0.02 | 7.5 | 7.5 | 45.8 | 21.8 | NA | NA | NA | NA | NA | NA |
| 11/7/2018 | 7.4 | 0.08 | 7.3 | 7.5 | 53.2 | 25.2 | NA | NA | NA | NA | NA | NA |
| 11/8/2018 | 7.5 | 0.04 | 7.4 | 7.6 | 60.7 | 28.7 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 11/9/2018 | 7.5 | 0.04 | 7.4 | 7.5 | 68.2 | 32.2 | NA | NA | NA | NA | NA | NA |
| 11/10/2018 | 7.3 | 0.10 | 7.2 | 7.5 | 75.5 | 35.5 | NA | NA | NA | NA | NA | NA |
| 11/11/2018 | 7.0 | 0.22 | 6.8 | 7.3 | 82.6 | 38.6 | NA | NA | NA | NA | NA | NA |
| 11/12/2018 | 6.6 | 0.08 | 6.4 | 6.7 | 89.2 | 41.2 | NA | NA | NA | NA | NA | NA |
| 11/13/2018 | 6.2 | 0.06 | 6.1 | 6.3 | 95.4 | 43.4 | NA | NA | NA | NA | NA | NA |
| 11/14/2018 | 5.7 | 0.32 | 5.3 | 6.1 | 101.2 | 45.2 | NA | NA | NA | NA | NA | NA |
| 11/15/2018 | 5.1 | 0.23 | 4.8 | 5.5 | 106.2 | 46.2 | NA | NA | NA | NA | NA | NA |
| 11/16/2018 | 4.6 | 0.30 | 4.2 | 4.9 | 110.8 | 46.8 | NA | NA | NA | NA | NA | NA |
| 11/17/2018 | 4.2 | 0.18 | 4.0 | 4.5 | 115.0 | 47.0 | NA | NA | NA | NA | NA | NA |
| 11/18/2018 | 4.2 | 0.08 | 4.1 | 4.3 | 119.2 | 47.2 | NA | NA | NA | NA | NA | NA |
| 11/19/2018 | 4.1 | 0.10 | 4.0 | 4.2 | 123.3 | 47.3 | NA | NA | NA | NA | NA | NA |
| 11/20/2018 | 3.8 | 0.06 | 3.8 | 3.9 | 127.2 | 47.3 | NA | NA | NA | NA | NA | NA |
| 11/21/2018 | 3.7 | 0.10 | 3.4 | 3.8 | 130.8 | 47.3 | NA | NA | NA | NA | NA | NA |
| 11/22/2018 | 3.3 | 0.21 | 3.0 | 3.6 | 134.2 | 47.3 | NA | NA | NA | NA | NA | NA |
| 11/23/2018 | 2.5 | 0.22 | 2.2 | 2.9 | 136.7 | 47.3 | NA | NA | NA | NA | NA | NA |
| 11/24/2018 | 2.0 | 0.20 | 1.7 | 2.3 | 138.6 | 47.3 | NA | NA | NA | NA | NA | NA |
| 11/25/2018 | 1.5 | 0.16 | 1.2 | 1.7 | 140.2 | 47.3 | NA | NA | NA | NA | NA | NA |
| 11/26/2018 | 1.3 | 0.33 | 0.8 | 1.7 | 141.5 | 47.3 | NA | NA | NA | NA | NA | NA |
| 11/27/2018 | 1.5 | 0.26 | 0.8 | 1.7 | 143.0 | 47.3 | NA | NA | NA | NA | NA | NA |
| 11/28/2018 | 1.6 | 0.04 | 1.6 | 1.7 | 144.7 | 47.3 | NA | NA | NA | NA | NA | NA |
| 11/29/2018 | 1.7 | 0.19 | 1.3 | 1.9 | 146.3 | 47.3 | NA | NA | NA | NA | NA | NA |
| 11/30/2018 | 1.9 | 0.13 | 1.6 | 2.0 | 148.2 | 47.3 | NA | NA | NA | NA | NA | NA |

December

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 12/1/2018 | 1.5 | 0.29 | 1.1 | 1.9 | 1.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/2/2018 | 1.1 | 0.20 | 0.8 | 1.4 | 2.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/3/2018 | 1.2 | 0.09 | 1.1 | 1.3 | 3.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/4/2018 | 1.2 | 0.18 | 1.0 | 1.5 | 5.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/5/2018 | 1.3 | 0.12 | 1.1 | 1.5 | 6.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/6/2018 | 1.1 | 0.10 | 0.9 | 1.2 | 7.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/7/2018 | 0.8 | 0.11 | 0.6 | 0.9 | 8.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/8/2018 | 0.5 | 0.14 | 0.4 | 0.7 | 8.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/9/2018 | 0.3 | 0.16 | 0.0 | 0.5 | 9.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/10/2018 | 0.1 | 0.29 | -0.6 | 0.5 | 9.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/11/2018 | 0.0 | 0.09 | -0.1 | 0.2 | 9.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/12/2018 | -0.3 | 0.16 | -0.6 | -0.1 | 9.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/13/2018 | -0.4 | 0.03 | -0.4 | -0.3 | 9.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/14/2018 | -0.8 | 0.09 | -0.9 | -0.6 | 9.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/15/2018 | -0.9 | 0.05 | -0.9 | -0.8 | 9.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/16/2018 | -0.9 | 0.02 | -1.0 | -0.9 | 9.1 | 0.0 | NA | NA | NA | NA | NA | NA |



Daily mean temperature for Strait Crossing 2, 2018.

Tabusintac, N.B.

2018

May

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 5/7/2018 | 2.7 | 0.75 | 2.2 | 4.1 | 2.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/8/2018 | 2.8 | 0.59 | 2.2 | 4.3 | 5.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/9/2018 | 2.1 | 0.09 | 2.0 | 2.3 | 7.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/10/2018 | 1.9 | 0.05 | 1.9 | 2.0 | 9.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/11/2018 | 1.5 | 0.42 | 1.0 | 2.1 | 11.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/12/2018 | 1.5 | 0.28 | 1.3 | 2.3 | 12.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/13/2018 | 3.7 | 0.68 | 2.8 | 4.8 | 16.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/14/2018 | 3.8 | 0.44 | 3.3 | 4.4 | 20.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/15/2018 | 3.3 | 0.03 | 3.2 | 3.3 | 23.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/16/2018 | 4.0 | 0.67 | 3.2 | 5.0 | 27.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/17/2018 | 4.7 | 0.53 | 4.0 | 5.7 | 32.0 | 0.7 | NA | NA | NA | NA | NA | NA |
| 5/18/2018 | 5.7 | 0.45 | 5.0 | 6.4 | 37.6 | 2.3 | NA | NA | NA | NA | NA | NA |
| 5/19/2018 | 6.5 | 0.13 | 6.4 | 6.8 | 44.2 | 4.9 | NA | NA | NA | NA | NA | NA |
| 5/20/2018 | 5.7 | 0.39 | 5.3 | 6.4 | 49.8 | 6.6 | NA | NA | NA | NA | NA | NA |
| 5/21/2018 | 5.6 | 0.26 | 5.0 | 5.9 | 55.4 | 8.1 | NA | NA | NA | NA | NA | NA |
| 5/22/2018 | 6.3 | 0.27 | 5.9 | 6.6 | 61.7 | 10.4 | NA | NA | NA | NA | NA | NA |
| 5/23/2018 | 6.7 | 0.26 | 6.4 | 7.3 | 68.4 | 13.1 | NA | NA | NA | NA | NA | NA |
| 5/24/2018 | 6.9 | 0.12 | 6.7 | 7.1 | 75.3 | 16.0 | NA | NA | NA | NA | NA | NA |
| 5/25/2018 | 6.8 | 0.07 | 6.7 | 6.9 | 82.1 | 18.8 | NA | NA | NA | NA | NA | NA |
| 5/26/2018 | 7.2 | 0.49 | 6.7 | 7.9 | 89.3 | 22.0 | NA | NA | NA | NA | NA | NA |
| 5/27/2018 | 7.6 | 0.07 | 7.6 | 7.8 | 96.9 | 25.6 | NA | NA | NA | NA | NA | NA |
| 5/28/2018 | 7.3 | 0.21 | 6.8 | 7.6 | 104.2 | 29.0 | NA | NA | NA | NA | NA | NA |
| 5/29/2018 | 6.8 | 0.29 | 6.6 | 7.4 | 111.0 | 31.8 | NA | NA | NA | NA | NA | NA |
| 5/30/2018 | 8.1 | 0.25 | 7.6 | 8.4 | 119.2 | 35.9 | NA | NA | NA | NA | NA | NA |
| 5/31/2018 | 7.6 | 0.44 | 6.9 | 8.2 | 126.8 | 39.5 | NA | NA | NA | NA | NA | NA |

June

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/1/2018 | 6.6 | 0.24 | 6.1 | 6.9 | 6.6 | 2.6 | NA | NA | NA | NA | NA | NA |
| 6/2/2018 | 8.5 | 1.57 | 6.8 | 10.2 | 15.1 | 7.1 | NA | NA | NA | NA | NA | NA |
| 6/3/2018 | 10.1 | 0.12 | 9.9 | 10.2 | 25.2 | 13.2 | NA | NA | NA | NA | NA | NA |
| 6/4/2018 | 9.8 | 0.19 | 9.4 | 10.0 | 35.0 | 19.0 | NA | NA | NA | NA | NA | NA |
| 6/5/2018 | 9.6 | 0.06 | 9.6 | 9.7 | 44.6 | 24.6 | NA | NA | NA | NA | NA | NA |
| 6/6/2018 | 9.4 | 0.08 | 9.3 | 9.6 | 54.1 | 30.1 | NA | NA | NA | NA | NA | NA |
| 6/7/2018 | 8.5 | 0.40 | 7.9 | 9.1 | 62.6 | 34.6 | NA | NA | NA | NA | NA | NA |
| 6/8/2018 | 6.9 | 0.49 | 6.4 | 7.8 | 69.5 | 37.5 | NA | NA | NA | NA | NA | NA |
| 6/9/2018 | 6.8 | 0.43 | 6.4 | 7.8 | 76.2 | 40.2 | NA | NA | NA | NA | NA | NA |
| 6/10/2018 | 8.3 | 0.38 | 7.8 | 9.1 | 84.5 | 44.5 | NA | NA | NA | NA | NA | NA |
| 6/11/2018 | 9.6 | 0.25 | 9.3 | 10.1 | 94.1 | 50.1 | NA | NA | NA | NA | NA | NA |
| 6/12/2018 | 9.1 | 0.86 | 7.6 | 10.1 | 103.3 | 55.3 | NA | NA | NA | NA | NA | NA |
| 6/13/2018 | 7.7 | 0.63 | 7.2 | 8.9 | 110.9 | 58.9 | NA | NA | NA | NA | NA | NA |
| 6/14/2018 | 9.7 | 0.53 | 9.0 | 10.3 | 120.7 | 64.7 | NA | NA | NA | NA | NA | NA |
| 6/15/2018 | 9.7 | 0.12 | 9.6 | 10.0 | 130.3 | 70.3 | NA | NA | NA | NA | NA | NA |
| 6/16/2018 | 10.0 | 0.43 | 9.7 | 10.7 | 140.4 | 76.4 | NA | NA | NA | NA | NA | NA |
| 6/17/2018 | 10.7 | 0.07 | 10.6 | 10.8 | 151.0 | 83.0 | NA | NA | NA | NA | NA | NA |
| 6/18/2018 | 9.9 | 0.64 | 9.1 | 11.0 | 160.9 | 88.9 | NA | NA | NA | NA | NA | NA |
| 6/19/2018 | 8.5 | 0.47 | 7.9 | 9.1 | 169.4 | 93.4 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/20/2018 | 9.7 | 0.06 | 9.6 | 9.8 | 179.1 | 99.1 | NA | NA | NA | NA | NA | NA |
| 6/21/2018 | 9.8 | 0.35 | 9.6 | 10.8 | 189.0 | 105.0 | NA | NA | NA | NA | NA | NA |
| 6/22/2018 | 11.1 | 0.04 | 11.1 | 11.2 | 200.1 | 112.1 | NA | NA | NA | NA | NA | NA |
| 6/23/2018 | 10.2 | 0.75 | 9.3 | 11.1 | 210.3 | 118.3 | NA | NA | NA | NA | NA | NA |
| 6/24/2018 | 9.0 | 0.79 | 8.0 | 10.7 | 219.4 | 123.4 | NA | NA | NA | NA | NA | NA |
| 6/25/2018 | 10.4 | 0.21 | 10.2 | 10.8 | 229.8 | 129.8 | NA | NA | NA | NA | NA | NA |
| 6/26/2018 | 10.7 | 0.05 | 10.6 | 10.8 | 240.5 | 136.5 | NA | NA | NA | NA | NA | NA |
| 6/27/2018 | 10.9 | 0.15 | 10.6 | 11.1 | 251.4 | 143.4 | NA | NA | NA | NA | NA | NA |
| 6/28/2018 | 10.9 | 0.21 | 10.7 | 11.3 | 262.4 | 150.4 | NA | NA | NA | NA | NA | NA |
| 6/29/2018 | 8.9 | 0.80 | 8.0 | 10.9 | 271.3 | 155.3 | NA | NA | NA | NA | NA | NA |
| 6/30/2018 | 7.8 | 0.46 | 7.2 | 8.5 | 279.1 | 159.1 | NA | NA | NA | NA | NA | NA |

July

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/1/2018 | 10.6 | 1.95 | 8.5 | 13.5 | 10.6 | 6.6 | NA | NA | NA | NA | NA | NA |
| 7/2/2018 | 11.5 | 0.60 | 10.9 | 13.2 | 22.0 | 14.0 | NA | NA | NA | NA | NA | NA |
| 7/3/2018 | 9.7 | 0.29 | 9.4 | 10.4 | 31.7 | 19.7 | NA | NA | NA | NA | NA | NA |
| 7/4/2018 | 9.7 | 0.25 | 9.4 | 10.2 | 41.4 | 25.4 | NA | NA | NA | NA | NA | NA |
| 7/5/2018 | 10.4 | 0.20 | 10.0 | 10.7 | 51.8 | 31.8 | NA | NA | NA | NA | NA | NA |
| 7/6/2018 | 9.6 | 0.39 | 9.2 | 10.3 | 61.4 | 37.4 | NA | NA | NA | NA | NA | NA |
| 7/7/2018 | 9.6 | 0.59 | 9.1 | 10.9 | 71.0 | 43.0 | NA | NA | NA | NA | NA | NA |
| 7/8/2018 | 10.1 | 0.60 | 9.2 | 10.9 | 81.1 | 49.1 | NA | NA | NA | NA | NA | NA |
| 7/9/2018 | 9.0 | 0.11 | 8.8 | 9.3 | 90.0 | 54.0 | NA | NA | NA | NA | NA | NA |
| 7/10/2018 | 8.6 | 0.12 | 8.4 | 8.9 | 98.7 | 58.7 | NA | NA | NA | NA | NA | NA |
| 7/11/2018 | 11.1 | 1.24 | 9.3 | 13.3 | 109.8 | 65.8 | NA | NA | NA | NA | NA | NA |
| 7/12/2018 | 13.3 | 0.56 | 12.5 | 14.4 | 123.1 | 75.1 | NA | NA | NA | NA | NA | NA |
| 7/13/2018 | 13.4 | 0.54 | 12.9 | 14.8 | 136.5 | 84.5 | NA | NA | NA | NA | NA | NA |
| 7/14/2018 | 13.1 | 0.22 | 12.7 | 13.4 | 149.6 | 93.6 | NA | NA | NA | NA | NA | NA |
| 7/15/2018 | 11.9 | 0.18 | 11.7 | 12.4 | 161.5 | 101.5 | NA | NA | NA | NA | NA | NA |
| 7/16/2018 | 11.4 | 0.18 | 11.2 | 11.8 | 172.9 | 108.9 | NA | NA | NA | NA | NA | NA |
| 7/17/2018 | 11.4 | 0.18 | 11.1 | 11.8 | 184.4 | 116.4 | NA | NA | NA | NA | NA | NA |
| 7/18/2018 | 10.9 | 0.27 | 10.5 | 11.3 | 195.3 | 123.3 | NA | NA | NA | NA | NA | NA |
| 7/19/2018 | 11.4 | 1.27 | 10.0 | 13.6 | 206.6 | 130.6 | NA | NA | NA | NA | NA | NA |
| 7/20/2018 | 10.5 | 0.35 | 10.2 | 11.4 | 217.2 | 137.2 | NA | NA | NA | NA | NA | NA |
| 7/21/2018 | 9.7 | 0.38 | 9.4 | 10.5 | 226.9 | 142.9 | NA | NA | NA | NA | NA | NA |
| 7/22/2018 | 10.1 | 0.17 | 9.9 | 10.4 | 237.0 | 149.0 | NA | NA | NA | NA | NA | NA |
| 7/23/2018 | 10.5 | 0.16 | 10.1 | 10.7 | 247.5 | 155.5 | NA | NA | NA | NA | NA | NA |
| 7/24/2018 | 9.8 | 0.50 | 9.1 | 10.7 | 257.4 | 161.4 | NA | NA | NA | NA | NA | NA |
| 7/25/2018 | 8.4 | 0.38 | 8.0 | 8.9 | 265.8 | 165.8 | NA | NA | NA | NA | NA | NA |
| 7/26/2018 | 7.7 | 0.11 | 7.6 | 8.0 | 273.5 | 169.5 | NA | NA | NA | NA | NA | NA |
| 7/27/2018 | 7.8 | 0.21 | 7.6 | 8.3 | 281.3 | 173.3 | NA | NA | NA | NA | NA | NA |
| 7/28/2018 | 8.7 | 0.14 | 8.3 | 8.9 | 290.0 | 178.0 | NA | NA | NA | NA | NA | NA |
| 7/29/2018 | 8.7 | 0.16 | 8.5 | 9.0 | 298.7 | 182.7 | NA | NA | NA | NA | NA | NA |
| 7/30/2018 | 8.3 | 0.09 | 8.2 | 8.5 | 307.0 | 187.0 | NA | NA | NA | NA | NA | NA |
| 7/31/2018 | 10.2 | 0.66 | 8.9 | 11.2 | 317.2 | 193.2 | NA | NA | NA | NA | NA | NA |

August

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/1/2018 | 10.1 | 0.38 | 9.4 | 11.0 | 10.1 | 6.1 | NA | NA | NA | NA | NA | NA |
| 8/2/2018 | 9.5 | 0.40 | 9.1 | 10.3 | 19.6 | 11.6 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/3/2018 | 9.1 | 0.29 | 8.8 | 9.8 | 28.7 | 16.7 | NA | NA | NA | NA | NA | NA |
| 8/4/2018 | 11.3 | 0.68 | 10.1 | 12.5 | 40.0 | 24.0 | NA | NA | NA | NA | NA | NA |
| 8/5/2018 | 14.2 | 1.89 | 11.1 | 17.9 | 54.2 | 34.2 | NA | NA | NA | NA | NA | NA |
| 8/6/2018 | 13.1 | 0.27 | 12.6 | 13.6 | 67.3 | 43.3 | NA | NA | NA | NA | NA | NA |
| 8/7/2018 | 14.9 | 1.16 | 13.2 | 16.7 | 82.2 | 54.2 | NA | NA | NA | NA | NA | NA |
| 8/8/2018 | 13.3 | 0.60 | 12.6 | 14.4 | 95.6 | 63.6 | NA | NA | NA | NA | NA | NA |
| 8/9/2018 | 12.6 | 0.62 | 11.7 | 13.3 | 108.1 | 72.1 | NA | NA | NA | NA | NA | NA |
| 8/10/2018 | 12.5 | 0.59 | 11.5 | 13.2 | 120.7 | 80.7 | NA | NA | NA | NA | NA | NA |
| 8/11/2018 | 11.6 | 0.98 | 10.6 | 13.5 | 132.3 | 88.3 | NA | NA | NA | NA | NA | NA |
| 8/12/2018 | 12.1 | 0.55 | 10.9 | 12.7 | 144.4 | 96.4 | NA | NA | NA | NA | NA | NA |
| 8/13/2018 | 11.8 | 0.47 | 11.2 | 12.4 | 156.2 | 104.2 | NA | NA | NA | NA | NA | NA |
| 8/14/2018 | 11.3 | 0.13 | 11.0 | 11.4 | 167.4 | 111.4 | NA | NA | NA | NA | NA | NA |
| 8/15/2018 | 11.1 | 0.43 | 10.5 | 11.6 | 178.5 | 118.5 | NA | NA | NA | NA | NA | NA |
| 8/16/2018 | 15.0 | 3.02 | 10.4 | 18.0 | 193.6 | 129.6 | NA | NA | NA | NA | NA | NA |
| 8/17/2018 | 17.4 | 0.16 | 17.2 | 17.7 | 210.9 | 142.9 | NA | NA | NA | NA | NA | NA |
| 8/18/2018 | 14.7 | 0.96 | 13.9 | 17.1 | 225.6 | 153.6 | NA | NA | NA | NA | NA | NA |
| 8/19/2018 | 17.4 | 1.08 | 15.5 | 18.4 | 243.0 | 167.0 | NA | NA | NA | NA | NA | NA |
| 8/20/2018 | 18.2 | 0.12 | 18.0 | 18.4 | 261.2 | 181.2 | NA | NA | NA | NA | NA | NA |
| 8/21/2018 | 17.0 | 0.84 | 15.3 | 17.9 | 278.2 | 194.2 | NA | NA | NA | NA | NA | NA |
| 8/22/2018 | 14.2 | 0.57 | 13.1 | 15.2 | 292.4 | 204.4 | NA | NA | NA | NA | NA | NA |
| 8/23/2018 | 11.5 | 0.74 | 10.7 | 12.9 | 303.8 | 211.8 | NA | NA | NA | NA | NA | NA |
| 8/24/2018 | 10.7 | 0.27 | 10.4 | 11.3 | 314.6 | 218.6 | NA | NA | NA | NA | NA | NA |
| 8/25/2018 | 12.3 | 0.33 | 11.5 | 12.6 | 326.9 | 226.9 | NA | NA | NA | NA | NA | NA |
| 8/26/2018 | 11.5 | 0.37 | 11.1 | 12.1 | 338.4 | 234.4 | NA | NA | NA | NA | NA | NA |
| 8/27/2018 | 11.2 | 0.19 | 10.9 | 11.5 | 349.6 | 241.6 | NA | NA | NA | NA | NA | NA |
| 8/28/2018 | 12.1 | 0.36 | 11.5 | 12.7 | 361.8 | 249.8 | NA | NA | NA | NA | NA | NA |
| 8/29/2018 | 12.1 | 0.36 | 11.6 | 12.7 | 373.9 | 257.9 | NA | NA | NA | NA | NA | NA |
| 8/30/2018 | 13.5 | 0.75 | 12.4 | 14.8 | 387.4 | 267.4 | NA | NA | NA | NA | NA | NA |
| 8/31/2018 | 16.0 | 0.87 | 14.8 | 17.2 | 403.3 | 279.3 | NA | NA | NA | NA | NA | NA |

September

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/1/2018 | 16.3 | 0.44 | 15.6 | 17.2 | 16.3 | 12.3 | NA | NA | NA | NA | NA | NA |
| 9/2/2018 | 14.6 | 0.67 | 13.9 | 15.5 | 30.9 | 22.9 | NA | NA | NA | NA | NA | NA |
| 9/3/2018 | 13.8 | 0.09 | 13.7 | 14.0 | 44.7 | 32.7 | NA | NA | NA | NA | NA | NA |
| 9/4/2018 | 13.9 | 0.65 | 13.4 | 15.3 | 58.6 | 42.6 | NA | NA | NA | NA | NA | NA |
| 9/5/2018 | 15.5 | 0.37 | 14.7 | 15.9 | 74.1 | 54.1 | NA | NA | NA | NA | NA | NA |
| 9/6/2018 | 13.1 | 1.38 | 11.5 | 15.6 | 87.2 | 63.2 | NA | NA | NA | NA | NA | NA |
| 9/7/2018 | 12.7 | 0.52 | 12.1 | 13.5 | 99.8 | 71.8 | NA | NA | NA | NA | NA | NA |
| 9/8/2018 | 12.7 | 0.97 | 11.9 | 14.7 | 112.5 | 80.5 | NA | NA | NA | NA | NA | NA |
| 9/9/2018 | 14.6 | 0.13 | 14.3 | 14.7 | 127.1 | 91.1 | NA | NA | NA | NA | NA | NA |
| 9/10/2018 | 14.7 | 0.41 | 14.2 | 15.7 | 141.8 | 101.8 | NA | NA | NA | NA | NA | NA |
| 9/11/2018 | 13.9 | 0.89 | 12.9 | 15.7 | 155.7 | 111.7 | NA | NA | NA | NA | NA | NA |
| 9/12/2018 | 13.0 | 0.87 | 12.1 | 14.3 | 168.7 | 120.7 | NA | NA | NA | NA | NA | NA |
| 9/13/2018 | 14.0 | 0.12 | 13.7 | 14.1 | 182.7 | 130.7 | NA | NA | NA | NA | NA | NA |
| 9/14/2018 | 13.9 | 0.14 | 13.7 | 14.1 | 196.6 | 140.6 | NA | NA | NA | NA | NA | NA |
| 9/15/2018 | 13.7 | 0.18 | 13.5 | 14.0 | 210.4 | 150.4 | NA | NA | NA | NA | NA | NA |
| 9/16/2018 | 14.4 | 0.87 | 13.5 | 15.9 | 224.7 | 160.7 | NA | NA | NA | NA | NA | NA |
| 9/17/2018 | 13.8 | 0.55 | 13.1 | 14.7 | 238.6 | 170.6 | NA | NA | NA | NA | NA | NA |
| 9/18/2018 | 15.6 | 0.53 | 15.1 | 16.4 | 254.2 | 182.2 | NA | NA | NA | NA | NA | NA |
| 9/19/2018 | 15.2 | 0.25 | 14.8 | 15.6 | 269.4 | 193.4 | NA | NA | NA | NA | NA | NA |
| 9/20/2018 | 14.9 | 0.39 | 14.2 | 15.3 | 284.3 | 204.3 | NA | NA | NA | NA | NA | NA |
| 9/21/2018 | 15.1 | 0.06 | 14.9 | 15.2 | 299.3 | 215.3 | NA | NA | NA | NA | NA | NA |
| 9/22/2018 | 14.7 | 0.36 | 14.0 | 15.0 | 314.0 | 226.0 | NA | NA | NA | NA | NA | NA |
| 9/23/2018 | 12.9 | 0.49 | 12.1 | 13.5 | 326.9 | 234.9 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/24/2018 | 12.4 | 0.18 | 12.2 | 12.8 | 339.3 | 243.3 | NA | NA | NA | NA | NA | NA |
| 9/25/2018 | 13.0 | 0.12 | 12.8 | 13.1 | 352.3 | 252.3 | NA | NA | NA | NA | NA | NA |
| 9/26/2018 | 12.8 | 0.52 | 12.0 | 13.3 | 365.1 | 261.1 | NA | NA | NA | NA | NA | NA |
| 9/27/2018 | 11.4 | 0.26 | 11.2 | 11.9 | 376.5 | 268.5 | NA | NA | NA | NA | NA | NA |
| 9/28/2018 | 12.3 | 0.58 | 11.4 | 13.0 | 388.8 | 276.8 | NA | NA | NA | NA | NA | NA |
| 9/29/2018 | 12.8 | 0.12 | 12.6 | 13.0 | 401.5 | 285.5 | NA | NA | NA | NA | NA | NA |
| 9/30/2018 | 12.7 | 0.03 | 12.6 | 12.7 | 414.2 | 294.2 | NA | NA | NA | NA | NA | NA |

October

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/1/2018 | 12.8 | 0.14 | 12.7 | 13.1 | 12.8 | 8.8 | NA | NA | NA | NA | NA | NA |
| 10/2/2018 | 12.8 | 0.16 | 12.5 | 13.0 | 25.6 | 17.6 | NA | NA | NA | NA | NA | NA |
| 10/3/2018 | 12.9 | 0.06 | 12.9 | 13.0 | 38.5 | 26.5 | NA | NA | NA | NA | NA | NA |
| 10/4/2018 | 13.0 | 0.06 | 13.0 | 13.1 | 51.5 | 35.5 | NA | NA | NA | NA | NA | NA |
| 10/5/2018 | 12.8 | 0.10 | 12.8 | 13.1 | 64.4 | 44.4 | NA | NA | NA | NA | NA | NA |
| 10/6/2018 | 12.3 | 0.38 | 11.9 | 12.8 | 76.7 | 52.7 | NA | NA | NA | NA | NA | NA |
| 10/7/2018 | 12.1 | 0.10 | 12.0 | 12.3 | 88.8 | 60.8 | NA | NA | NA | NA | NA | NA |
| 10/8/2018 | 12.0 | 0.35 | 11.3 | 12.3 | 100.8 | 68.8 | NA | NA | NA | NA | NA | NA |
| 10/9/2018 | 12.0 | 0.13 | 11.8 | 12.2 | 112.8 | 76.8 | NA | NA | NA | NA | NA | NA |
| 10/10/2018 | 11.9 | 0.10 | 11.8 | 12.1 | 124.7 | 84.7 | NA | NA | NA | NA | NA | NA |
| 10/11/2018 | 11.6 | 0.14 | 11.4 | 11.9 | 136.3 | 92.3 | NA | NA | NA | NA | NA | NA |
| 10/12/2018 | 11.5 | 0.11 | 11.3 | 11.6 | 147.8 | 99.8 | NA | NA | NA | NA | NA | NA |
| 10/13/2018 | 11.2 | 0.18 | 10.9 | 11.5 | 158.9 | 106.9 | NA | NA | NA | NA | NA | NA |
| 10/14/2018 | 10.7 | 0.21 | 10.2 | 10.9 | 169.6 | 113.6 | NA | NA | NA | NA | NA | NA |
| 10/15/2018 | 10.6 | 0.14 | 10.2 | 10.7 | 180.1 | 120.1 | NA | NA | NA | NA | NA | NA |
| 10/16/2018 | 10.5 | 0.14 | 10.3 | 10.8 | 190.7 | 126.7 | NA | NA | NA | NA | NA | NA |
| 10/17/2018 | 10.6 | 0.08 | 10.5 | 10.8 | 201.3 | 133.3 | NA | NA | NA | NA | NA | NA |
| 10/18/2018 | 9.8 | 0.50 | 9.1 | 10.5 | 211.1 | 139.1 | NA | NA | NA | NA | NA | NA |
| 10/19/2018 | 9.0 | 0.18 | 8.8 | 9.4 | 220.1 | 144.1 | NA | NA | NA | NA | NA | NA |
| 10/20/2018 | 8.9 | 0.11 | 8.7 | 9.1 | 229.0 | 149.0 | NA | NA | NA | NA | NA | NA |
| 10/21/2018 | 9.0 | 0.09 | 8.8 | 9.1 | 238.0 | 154.0 | NA | NA | NA | NA | NA | NA |
| 10/22/2018 | 8.6 | 0.21 | 8.1 | 8.8 | 246.6 | 158.6 | NA | NA | NA | NA | NA | NA |
| 10/23/2018 | 8.4 | 0.09 | 8.3 | 8.5 | 255.0 | 163.0 | NA | NA | NA | NA | NA | NA |
| 10/24/2018 | 8.0 | 0.32 | 7.2 | 8.3 | 263.1 | 167.1 | NA | NA | NA | NA | NA | NA |
| 10/25/2018 | 7.4 | 0.23 | 7.0 | 7.6 | 270.4 | 170.4 | NA | NA | NA | NA | NA | NA |
| 10/26/2018 | 6.6 | 0.46 | 5.5 | 7.0 | 277.1 | 173.1 | NA | NA | NA | NA | NA | NA |
| 10/27/2018 | 6.5 | 0.54 | 5.7 | 7.1 | 283.6 | 175.6 | NA | NA | NA | NA | NA | NA |
| 10/28/2018 | 6.3 | 0.31 | 5.8 | 6.7 | 289.9 | 177.9 | NA | NA | NA | NA | NA | NA |
| 10/29/2018 | 6.1 | 0.39 | 5.6 | 6.6 | 296.0 | 180.0 | NA | NA | NA | NA | NA | NA |
| 10/30/2018 | 6.3 | 0.09 | 6.2 | 6.5 | 302.4 | 182.4 | NA | NA | NA | NA | NA | NA |
| 10/31/2018 | 6.5 | 0.06 | 6.4 | 6.5 | 308.8 | 184.8 | NA | NA | NA | NA | NA | NA |

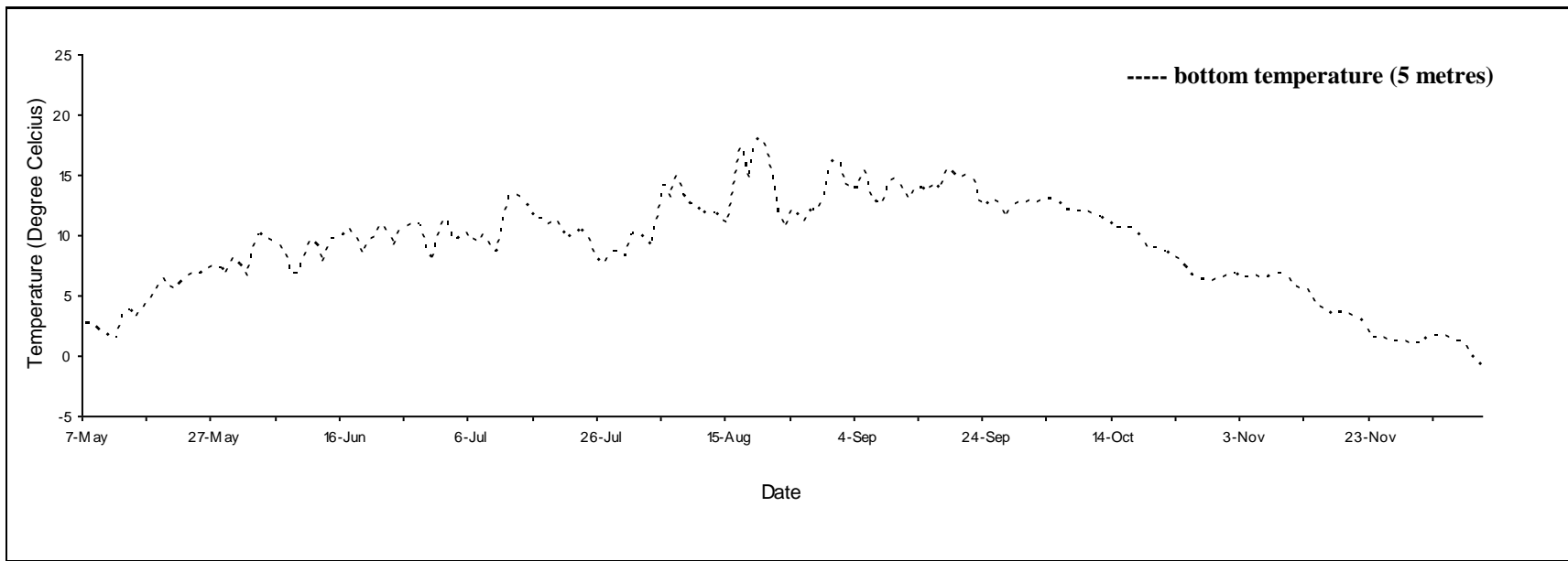
November

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 11/1/2018 | 6.8 | 0.14 | 6.5 | 6.9 | 6.8 | 2.8 | NA | NA | NA | NA | NA | NA |
| 11/2/2018 | 6.8 | 0.11 | 6.6 | 6.9 | 13.6 | 5.6 | NA | NA | NA | NA | NA | NA |
| 11/3/2018 | 6.5 | 0.08 | 6.4 | 6.6 | 20.1 | 8.1 | NA | NA | NA | NA | NA | NA |
| 11/4/2018 | 6.5 | 0.08 | 6.4 | 6.6 | 26.7 | 10.7 | NA | NA | NA | NA | NA | NA |
| 11/5/2018 | 6.6 | 0.05 | 6.6 | 6.7 | 33.3 | 13.3 | NA | NA | NA | NA | NA | NA |
| 11/6/2018 | 6.6 | 0.08 | 6.4 | 6.6 | 39.8 | 15.8 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 11/7/2018 | 6.6 | 0.08 | 6.5 | 6.7 | 46.4 | 18.4 | NA | NA | NA | NA | NA | NA |
| 11/8/2018 | 6.8 | 0.04 | 6.7 | 6.8 | 53.2 | 21.2 | NA | NA | NA | NA | NA | NA |
| 11/9/2018 | 6.8 | 0.03 | 6.7 | 6.8 | 60.0 | 24.0 | NA | NA | NA | NA | NA | NA |
| 11/10/2018 | 6.4 | 0.20 | 6.2 | 6.8 | 66.4 | 26.4 | NA | NA | NA | NA | NA | NA |
| 11/11/2018 | 5.7 | 0.20 | 5.5 | 6.2 | 72.1 | 28.1 | NA | NA | NA | NA | NA | NA |
| 11/12/2018 | 5.6 | 0.04 | 5.5 | 5.7 | 77.8 | 29.8 | NA | NA | NA | NA | NA | NA |
| 11/13/2018 | 5.5 | 0.20 | 5.0 | 5.7 | 83.3 | 31.3 | NA | NA | NA | NA | NA | NA |
| 11/14/2018 | 4.5 | 0.38 | 4.1 | 5.0 | 87.8 | 31.8 | NA | NA | NA | NA | NA | NA |
| 11/15/2018 | 4.0 | 0.08 | 3.9 | 4.2 | 91.8 | 31.8 | NA | NA | NA | NA | NA | NA |
| 11/16/2018 | 3.9 | 0.40 | 3.1 | 4.2 | 95.7 | 31.8 | NA | NA | NA | NA | NA | NA |
| 11/17/2018 | 3.3 | 0.19 | 3.1 | 3.6 | 99.0 | 31.8 | NA | NA | NA | NA | NA | NA |
| 11/18/2018 | 3.7 | 0.22 | 3.2 | 3.9 | 102.7 | 31.8 | NA | NA | NA | NA | NA | NA |
| 11/19/2018 | 3.7 | 0.09 | 3.5 | 3.8 | 106.3 | 31.8 | NA | NA | NA | NA | NA | NA |
| 11/20/2018 | 3.4 | 0.33 | 2.9 | 3.7 | 109.7 | 31.8 | NA | NA | NA | NA | NA | NA |
| 11/21/2018 | 3.2 | 0.10 | 3.0 | 3.4 | 112.9 | 31.8 | NA | NA | NA | NA | NA | NA |
| 11/22/2018 | 2.6 | 0.34 | 2.1 | 3.0 | 115.5 | 31.8 | NA | NA | NA | NA | NA | NA |
| 11/23/2018 | 1.5 | 0.31 | 1.1 | 2.0 | 117.0 | 31.8 | NA | NA | NA | NA | NA | NA |
| 11/24/2018 | 1.5 | 0.20 | 1.1 | 1.8 | 118.5 | 31.8 | NA | NA | NA | NA | NA | NA |
| 11/25/2018 | 1.5 | 0.20 | 1.1 | 1.8 | 120.0 | 31.8 | NA | NA | NA | NA | NA | NA |
| 11/26/2018 | 1.4 | 0.15 | 1.1 | 1.6 | 121.4 | 31.8 | NA | NA | NA | NA | NA | NA |
| 11/27/2018 | 1.3 | 0.09 | 1.1 | 1.4 | 122.7 | 31.8 | NA | NA | NA | NA | NA | NA |
| 11/28/2018 | 1.4 | 0.06 | 1.3 | 1.5 | 124.0 | 31.8 | NA | NA | NA | NA | NA | NA |
| 11/29/2018 | 1.1 | 0.11 | 0.8 | 1.3 | 125.1 | 31.8 | NA | NA | NA | NA | NA | NA |
| 11/30/2018 | 1.0 | 0.15 | 0.9 | 1.2 | 126.2 | 31.8 | NA | NA | NA | NA | NA | NA |

December

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 12/1/2018 | 1.1 | 0.14 | 0.9 | 1.4 | 1.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/2/2018 | 1.7 | 0.11 | 1.5 | 1.9 | 2.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/3/2018 | 1.7 | 0.21 | 1.4 | 1.9 | 4.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/4/2018 | 1.9 | 0.04 | 1.8 | 1.9 | 6.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/5/2018 | 1.5 | 0.23 | 1.0 | 1.7 | 7.9 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/6/2018 | 1.2 | 0.10 | 1.1 | 1.4 | 9.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/7/2018 | 1.2 | 0.17 | 0.8 | 1.4 | 10.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/8/2018 | 0.6 | 0.11 | 0.4 | 0.8 | 10.9 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/9/2018 | -0.4 | 0.42 | -1.2 | 0.2 | 10.9 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/10/2018 | -0.7 | 0.42 | -1.2 | -0.2 | 10.9 | 0.0 | NA | NA | NA | NA | NA | NA |



Daily mean temperature for Tabusintac, N.B., 2018.

Victoria, P.E.I.

2018

May

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 5/7/2018 | 5.3 | 0.15 | 4.9 | 5.5 | 5.3 | 1.3 | NA | NA | NA | NA | NA | NA |
| 5/8/2018 | 5.6 | 0.10 | 5.4 | 5.7 | 10.9 | 2.9 | NA | NA | NA | NA | NA | NA |
| 5/9/2018 | 5.7 | 0.13 | 5.5 | 5.9 | 16.6 | 4.6 | NA | NA | NA | NA | NA | NA |
| 5/10/2018 | 6.7 | 0.29 | 6.0 | 7.0 | 23.3 | 7.3 | NA | NA | NA | NA | NA | NA |
| 5/11/2018 | 7.1 | 0.34 | 6.7 | 7.6 | 30.4 | 10.4 | NA | NA | NA | NA | NA | NA |
| 5/12/2018 | 4.9 | 1.29 | 3.5 | 7.6 | 35.3 | 11.3 | NA | NA | NA | NA | NA | NA |
| 5/13/2018 | 4.0 | 0.57 | 3.2 | 5.2 | 39.3 | 11.3 | NA | NA | NA | NA | NA | NA |
| 5/14/2018 | 5.9 | 0.62 | 4.9 | 6.8 | 45.2 | 13.2 | NA | NA | NA | NA | NA | NA |
| 5/15/2018 | 5.4 | 0.71 | 4.5 | 6.7 | 50.7 | 14.7 | NA | NA | NA | NA | NA | NA |
| 5/16/2018 | 5.9 | 0.75 | 4.7 | 6.9 | 56.6 | 16.6 | NA | NA | NA | NA | NA | NA |
| 5/17/2018 | 6.6 | 0.14 | 6.4 | 6.9 | 63.2 | 19.2 | NA | NA | NA | NA | NA | NA |
| 5/18/2018 | 6.7 | 0.12 | 6.5 | 6.9 | 69.9 | 21.9 | NA | NA | NA | NA | NA | NA |
| 5/19/2018 | 7.2 | 0.41 | 6.9 | 8.2 | 77.0 | 25.0 | NA | NA | NA | NA | NA | NA |
| 5/20/2018 | 7.9 | 0.15 | 7.6 | 8.1 | 84.9 | 28.9 | NA | NA | NA | NA | NA | NA |
| 5/21/2018 | 7.9 | 0.23 | 7.6 | 8.4 | 92.8 | 32.8 | NA | NA | NA | NA | NA | NA |
| 5/22/2018 | 7.4 | 0.75 | 6.6 | 8.6 | 100.2 | 36.2 | NA | NA | NA | NA | NA | NA |
| 5/23/2018 | 7.9 | 0.17 | 7.6 | 8.1 | 108.1 | 40.1 | NA | NA | NA | NA | NA | NA |
| 5/24/2018 | 7.3 | 0.34 | 6.6 | 7.7 | 115.4 | 43.4 | NA | NA | NA | NA | NA | NA |
| 5/25/2018 | 8.0 | 0.12 | 7.9 | 8.3 | 123.4 | 47.4 | NA | NA | NA | NA | NA | NA |
| 5/26/2018 | 8.1 | 0.08 | 7.9 | 8.2 | 131.5 | 51.5 | NA | NA | NA | NA | NA | NA |
| 5/27/2018 | 8.0 | 0.34 | 7.4 | 8.5 | 139.5 | 55.5 | NA | NA | NA | NA | NA | NA |
| 5/28/2018 | 9.0 | 0.60 | 8.0 | 9.8 | 148.5 | 60.5 | NA | NA | NA | NA | NA | NA |
| 5/29/2018 | 8.9 | 0.57 | 8.0 | 9.6 | 157.4 | 65.4 | NA | NA | NA | NA | NA | NA |
| 5/30/2018 | 8.9 | 0.24 | 8.6 | 9.3 | 166.3 | 70.3 | NA | NA | NA | NA | NA | NA |
| 5/31/2018 | 9.5 | 0.24 | 9.1 | 9.8 | 175.8 | 75.8 | NA | NA | NA | NA | NA | NA |

June

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/1/2018 | 9.6 | 0.20 | 9.4 | 10.1 | 9.6 | 5.6 | NA | NA | NA | NA | NA | NA |
| 6/2/2018 | 9.6 | 0.96 | 6.7 | 10.3 | 19.2 | 11.2 | NA | NA | NA | NA | NA | NA |
| 6/3/2018 | 7.9 | 0.24 | 7.3 | 8.2 | 27.1 | 15.1 | NA | NA | NA | NA | NA | NA |
| 6/4/2018 | 7.9 | 0.25 | 7.6 | 8.4 | 35.0 | 19.0 | NA | NA | NA | NA | NA | NA |
| 6/5/2018 | 8.6 | 0.18 | 8.4 | 8.9 | 43.6 | 23.6 | NA | NA | NA | NA | NA | NA |
| 6/6/2018 | 8.6 | 0.11 | 8.5 | 8.8 | 52.3 | 28.3 | NA | NA | NA | NA | NA | NA |
| 6/7/2018 | 8.8 | 0.11 | 8.7 | 9.0 | 61.1 | 33.1 | NA | NA | NA | NA | NA | NA |
| 6/8/2018 | 9.5 | 0.65 | 8.9 | 10.7 | 70.6 | 38.6 | NA | NA | NA | NA | NA | NA |
| 6/9/2018 | 8.7 | 0.06 | 8.6 | 8.9 | 79.4 | 43.4 | NA | NA | NA | NA | NA | NA |
| 6/10/2018 | 8.7 | 0.11 | 8.5 | 8.8 | 88.0 | 48.0 | NA | NA | NA | NA | NA | NA |
| 6/11/2018 | 8.8 | 0.11 | 8.6 | 8.9 | 96.8 | 52.8 | NA | NA | NA | NA | NA | NA |
| 6/12/2018 | 9.8 | 0.73 | 9.0 | 11.1 | 106.6 | 58.6 | NA | NA | NA | NA | NA | NA |
| 6/13/2018 | 10.7 | 0.26 | 10.4 | 11.1 | 117.3 | 65.3 | NA | NA | NA | NA | NA | NA |
| 6/14/2018 | 10.7 | 0.10 | 10.5 | 10.9 | 128.0 | 72.0 | NA | NA | NA | NA | NA | NA |
| 6/15/2018 | 10.6 | 0.11 | 10.5 | 10.8 | 138.6 | 78.6 | NA | NA | NA | NA | NA | NA |
| 6/16/2018 | 10.8 | 0.15 | 10.6 | 11.1 | 149.4 | 85.4 | NA | NA | NA | NA | NA | NA |
| 6/17/2018 | 11.1 | 0.40 | 10.6 | 11.7 | 160.6 | 92.6 | NA | NA | NA | NA | NA | NA |
| 6/18/2018 | 11.6 | 0.18 | 11.4 | 12.0 | 172.2 | 100.2 | NA | NA | NA | NA | NA | NA |
| 6/19/2018 | 11.5 | 0.27 | 11.1 | 11.9 | 183.7 | 107.7 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/20/2018 | 11.1 | 0.51 | 10.7 | 12.3 | 194.9 | 114.9 | NA | NA | NA | NA | NA | NA |
| 6/21/2018 | 10.6 | 0.71 | 9.6 | 11.8 | 205.4 | 121.4 | NA | NA | NA | NA | NA | NA |
| 6/22/2018 | 9.6 | 0.22 | 9.3 | 9.9 | 215.0 | 127.0 | NA | NA | NA | NA | NA | NA |
| 6/23/2018 | 10.4 | 0.35 | 9.9 | 11.3 | 225.4 | 133.4 | NA | NA | NA | NA | NA | NA |
| 6/24/2018 | 10.4 | 0.53 | 9.9 | 11.4 | 235.8 | 139.8 | NA | NA | NA | NA | NA | NA |
| 6/25/2018 | 9.6 | 0.28 | 9.0 | 10.0 | 245.4 | 145.4 | NA | NA | NA | NA | NA | NA |
| 6/26/2018 | 9.6 | 0.20 | 9.3 | 10.1 | 255.0 | 151.0 | NA | NA | NA | NA | NA | NA |
| 6/27/2018 | 11.2 | 1.01 | 9.3 | 12.5 | 266.2 | 158.2 | NA | NA | NA | NA | NA | NA |
| 6/28/2018 | 12.5 | 0.31 | 12.0 | 13.0 | 278.7 | 166.7 | NA | NA | NA | NA | NA | NA |
| 6/29/2018 | 13.1 | 0.18 | 12.8 | 13.4 | 291.8 | 175.8 | NA | NA | NA | NA | NA | NA |
| 6/30/2018 | 12.9 | 0.14 | 12.6 | 13.1 | 304.7 | 184.7 | NA | NA | NA | NA | NA | NA |

July

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/1/2018 | 13.0 | 0.38 | 12.7 | 13.9 | 13.0 | 9.0 | NA | NA | NA | NA | NA | NA |
| 7/2/2018 | 13.3 | 0.69 | 12.4 | 14.6 | 26.3 | 18.3 | NA | NA | NA | NA | NA | NA |
| 7/3/2018 | 14.4 | 0.57 | 13.7 | 15.5 | 40.7 | 28.7 | NA | NA | NA | NA | NA | NA |
| 7/4/2018 | 13.8 | 0.68 | 13.1 | 15.5 | 54.5 | 38.5 | NA | NA | NA | NA | NA | NA |
| 7/5/2018 | 12.6 | 0.38 | 12.2 | 13.3 | 67.2 | 47.2 | NA | NA | NA | NA | NA | NA |
| 7/6/2018 | 13.3 | 0.94 | 12.3 | 15.7 | 80.4 | 56.4 | NA | NA | NA | NA | NA | NA |
| 7/7/2018 | 11.1 | 1.00 | 10.1 | 13.6 | 91.5 | 63.5 | NA | NA | NA | NA | NA | NA |
| 7/8/2018 | 10.5 | 0.30 | 10.2 | 11.2 | 102.0 | 70.0 | NA | NA | NA | NA | NA | NA |
| 7/9/2018 | 12.1 | 1.22 | 10.8 | 14.4 | 114.2 | 78.2 | NA | NA | NA | NA | NA | NA |
| 7/10/2018 | 11.3 | 0.26 | 10.9 | 11.9 | 125.5 | 85.5 | NA | NA | NA | NA | NA | NA |
| 7/11/2018 | 11.3 | 0.31 | 10.7 | 11.7 | 136.7 | 92.7 | NA | NA | NA | NA | NA | NA |
| 7/12/2018 | 12.9 | 0.38 | 11.8 | 13.3 | 149.6 | 101.6 | NA | NA | NA | NA | NA | NA |
| 7/13/2018 | 15.5 | 1.28 | 13.1 | 17.3 | 165.1 | 113.1 | NA | NA | NA | NA | NA | NA |
| 7/14/2018 | 17.0 | 0.61 | 16.2 | 18.0 | 182.1 | 126.1 | NA | NA | NA | NA | NA | NA |
| 7/15/2018 | 17.7 | 0.53 | 16.9 | 18.4 | 199.9 | 139.9 | NA | NA | NA | NA | NA | NA |
| 7/16/2018 | 17.8 | 0.41 | 17.0 | 18.3 | 217.6 | 153.6 | NA | NA | NA | NA | NA | NA |
| 7/17/2018 | 17.2 | 0.40 | 16.5 | 17.8 | 234.8 | 166.8 | NA | NA | NA | NA | NA | NA |
| 7/18/2018 | 16.9 | 0.61 | 16.2 | 18.3 | 251.7 | 179.7 | NA | NA | NA | NA | NA | NA |
| 7/19/2018 | 16.4 | 0.40 | 15.8 | 17.0 | 268.1 | 192.1 | NA | NA | NA | NA | NA | NA |
| 7/20/2018 | 15.9 | 0.41 | 15.3 | 16.7 | 284.0 | 204.0 | NA | NA | NA | NA | NA | NA |
| 7/21/2018 | 18.4 | 1.71 | 16.7 | 20.7 | 302.4 | 218.4 | NA | NA | NA | NA | NA | NA |
| 7/22/2018 | 20.2 | 0.23 | 19.8 | 20.6 | 322.6 | 234.6 | NA | NA | NA | NA | NA | NA |
| 7/23/2018 | 19.5 | 0.83 | 18.8 | 21.0 | 342.1 | 250.1 | NA | NA | NA | NA | NA | NA |
| 7/24/2018 | 18.1 | 0.61 | 16.9 | 19.0 | 360.2 | 264.2 | NA | NA | NA | NA | NA | NA |
| 7/25/2018 | 16.6 | 0.29 | 16.1 | 17.1 | 376.8 | 276.8 | NA | NA | NA | NA | NA | NA |
| 7/26/2018 | 16.4 | 0.42 | 15.8 | 17.1 | 393.2 | 289.2 | NA | NA | NA | NA | NA | NA |
| 7/27/2018 | 19.7 | 0.62 | 18.6 | 20.3 | 413.0 | 305.0 | NA | NA | NA | NA | NA | NA |
| 7/28/2018 | 19.4 | 0.45 | 18.8 | 20.1 | 432.4 | 320.4 | NA | NA | NA | NA | NA | NA |
| 7/29/2018 | 18.3 | 0.44 | 17.7 | 19.0 | 450.7 | 334.7 | NA | NA | NA | NA | NA | NA |
| 7/30/2018 | 17.6 | 0.57 | 16.9 | 18.4 | 468.3 | 348.3 | NA | NA | NA | NA | NA | NA |
| 7/31/2018 | 16.0 | 0.49 | 15.3 | 16.7 | 484.4 | 360.4 | NA | NA | NA | NA | NA | NA |

August

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/1/2018 | 15.4 | 0.30 | 14.9 | 15.9 | 15.4 | 11.4 | NA | NA | NA | NA | NA | NA |
| 8/2/2018 | 15.8 | 0.20 | 15.5 | 16.1 | 31.2 | 23.2 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/3/2018 | 15.6 | 0.21 | 15.2 | 16.0 | 46.8 | 34.8 | NA | NA | NA | NA | NA | NA |
| 8/4/2018 | 15.3 | 0.16 | 15.0 | 15.5 | 62.0 | 46.0 | NA | NA | NA | NA | NA | NA |
| 8/5/2018 | 16.0 | 0.35 | 15.6 | 16.9 | 78.1 | 58.1 | NA | NA | NA | NA | NA | NA |
| 8/6/2018 | 16.2 | 0.33 | 15.7 | 16.7 | 94.2 | 70.2 | NA | NA | NA | NA | NA | NA |
| 8/7/2018 | 16.8 | 0.24 | 16.4 | 17.2 | 111.0 | 83.0 | NA | NA | NA | NA | NA | NA |
| 8/8/2018 | 16.3 | 0.51 | 15.7 | 17.3 | 127.4 | 95.4 | NA | NA | NA | NA | NA | NA |
| 8/9/2018 | 18.8 | 2.41 | 16.1 | 21.6 | 146.2 | 110.2 | NA | NA | NA | NA | NA | NA |
| 8/10/2018 | 19.1 | 1.69 | 16.6 | 21.4 | 165.3 | 125.3 | NA | NA | NA | NA | NA | NA |
| 8/11/2018 | 15.8 | 0.51 | 15.2 | 16.6 | 181.1 | 137.1 | NA | NA | NA | NA | NA | NA |
| 8/12/2018 | 16.2 | 0.70 | 15.2 | 17.2 | 197.3 | 149.3 | NA | NA | NA | NA | NA | NA |
| 8/13/2018 | 17.7 | 0.90 | 16.3 | 19.2 | 215.1 | 163.1 | NA | NA | NA | NA | NA | NA |
| 8/14/2018 | 19.7 | 1.08 | 18.0 | 21.0 | 234.8 | 178.8 | NA | NA | NA | NA | NA | NA |
| 8/15/2018 | 20.9 | 0.93 | 19.3 | 22.0 | 255.7 | 195.7 | NA | NA | NA | NA | NA | NA |
| 8/16/2018 | 18.3 | 1.57 | 16.1 | 20.3 | 273.9 | 209.9 | NA | NA | NA | NA | NA | NA |
| 8/17/2018 | 16.0 | 0.43 | 15.4 | 16.9 | 290.0 | 222.0 | NA | NA | NA | NA | NA | NA |
| 8/18/2018 | 17.8 | 0.37 | 17.3 | 18.5 | 307.8 | 235.8 | NA | NA | NA | NA | NA | NA |
| 8/19/2018 | 19.5 | 0.26 | 18.9 | 20.0 | 327.3 | 251.3 | NA | NA | NA | NA | NA | NA |
| 8/20/2018 | 20.1 | 0.29 | 19.5 | 20.4 | 347.3 | 267.3 | NA | NA | NA | NA | NA | NA |
| 8/21/2018 | 20.0 | 0.39 | 19.3 | 20.5 | 367.3 | 283.3 | NA | NA | NA | NA | NA | NA |
| 8/22/2018 | 19.7 | 0.36 | 19.3 | 20.2 | 387.0 | 299.0 | NA | NA | NA | NA | NA | NA |
| 8/23/2018 | 19.9 | 0.12 | 19.7 | 20.1 | 406.9 | 314.9 | NA | NA | NA | NA | NA | NA |
| 8/24/2018 | 19.7 | 0.16 | 19.5 | 20.0 | 426.6 | 330.6 | NA | NA | NA | NA | NA | NA |
| 8/25/2018 | 19.8 | 0.10 | 19.6 | 19.9 | 446.4 | 346.4 | NA | NA | NA | NA | NA | NA |
| 8/26/2018 | 19.6 | 0.17 | 19.4 | 19.9 | 466.0 | 362.0 | NA | NA | NA | NA | NA | NA |
| 8/27/2018 | 19.6 | 0.17 | 19.4 | 20.0 | 485.6 | 377.6 | NA | NA | NA | NA | NA | NA |
| 8/28/2018 | 19.0 | 0.42 | 18.2 | 19.5 | 504.6 | 392.6 | NA | NA | NA | NA | NA | NA |
| 8/29/2018 | 18.5 | 0.65 | 17.6 | 19.8 | 523.1 | 407.1 | NA | NA | NA | NA | NA | NA |
| 8/30/2018 | 17.7 | 0.66 | 17.0 | 18.9 | 540.9 | 420.9 | NA | NA | NA | NA | NA | NA |
| 8/31/2018 | 16.8 | 0.49 | 16.1 | 17.7 | 557.7 | 433.7 | NA | NA | NA | NA | NA | NA |

September

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/1/2018 | 17.0 | 0.61 | 16.4 | 18.5 | 17.0 | 13.0 | NA | NA | NA | NA | NA | NA |
| 9/2/2018 | 19.3 | 0.13 | 19.1 | 19.6 | 36.3 | 28.3 | NA | NA | NA | NA | NA | NA |
| 9/3/2018 | 18.7 | 0.91 | 17.4 | 19.4 | 55.1 | 43.1 | NA | NA | NA | NA | NA | NA |
| 9/4/2018 | 15.8 | 1.08 | 14.7 | 18.0 | 70.8 | 54.8 | NA | NA | NA | NA | NA | NA |
| 9/5/2018 | 15.2 | 0.23 | 14.9 | 15.7 | 86.0 | 66.0 | NA | NA | NA | NA | NA | NA |
| 9/6/2018 | 17.7 | 0.85 | 16.3 | 18.9 | 103.8 | 79.8 | NA | NA | NA | NA | NA | NA |
| 9/7/2018 | 17.5 | 0.20 | 17.1 | 17.8 | 121.3 | 93.3 | NA | NA | NA | NA | NA | NA |
| 9/8/2018 | 17.1 | 0.62 | 15.8 | 17.9 | 138.4 | 106.4 | NA | NA | NA | NA | NA | NA |
| 9/9/2018 | 16.2 | 0.49 | 15.4 | 16.9 | 154.6 | 118.6 | NA | NA | NA | NA | NA | NA |
| 9/10/2018 | 16.7 | 0.37 | 16.3 | 17.3 | 171.3 | 131.3 | NA | NA | NA | NA | NA | NA |
| 9/11/2018 | 17.5 | 0.26 | 17.1 | 18.1 | 188.7 | 144.7 | NA | NA | NA | NA | NA | NA |
| 9/12/2018 | 17.5 | 0.10 | 17.3 | 17.6 | 206.2 | 158.2 | NA | NA | NA | NA | NA | NA |
| 9/13/2018 | 17.6 | 0.08 | 17.5 | 17.7 | 223.8 | 171.8 | NA | NA | NA | NA | NA | NA |
| 9/14/2018 | 17.7 | 0.10 | 17.6 | 17.9 | 241.6 | 185.6 | NA | NA | NA | NA | NA | NA |
| 9/15/2018 | 18.1 | 0.23 | 17.9 | 18.5 | 259.7 | 199.7 | NA | NA | NA | NA | NA | NA |
| 9/16/2018 | 18.0 | 0.49 | 17.1 | 18.4 | 277.6 | 213.6 | NA | NA | NA | NA | NA | NA |
| 9/17/2018 | 16.8 | 0.38 | 16.4 | 17.6 | 294.4 | 226.4 | NA | NA | NA | NA | NA | NA |
| 9/18/2018 | 17.2 | 0.43 | 16.5 | 18.2 | 311.6 | 239.6 | NA | NA | NA | NA | NA | NA |
| 9/19/2018 | 16.7 | 0.31 | 16.2 | 17.0 | 328.3 | 252.3 | NA | NA | NA | NA | NA | NA |
| 9/20/2018 | 16.4 | 0.04 | 16.4 | 16.5 | 344.8 | 264.8 | NA | NA | NA | NA | NA | NA |
| 9/21/2018 | 16.4 | 0.20 | 16.2 | 16.8 | 361.1 | 277.1 | NA | NA | NA | NA | NA | NA |
| 9/22/2018 | 16.7 | 0.42 | 15.9 | 17.1 | 377.8 | 289.8 | NA | NA | NA | NA | NA | NA |
| 9/23/2018 | 16.9 | 0.11 | 16.8 | 17.1 | 394.7 | 302.7 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/24/2018 | 16.5 | 0.19 | 16.2 | 16.8 | 411.2 | 315.2 | NA | NA | NA | NA | NA | NA |
| 9/25/2018 | 16.1 | 0.14 | 15.9 | 16.3 | 427.3 | 327.3 | NA | NA | NA | NA | NA | NA |
| 9/26/2018 | 15.5 | 0.26 | 15.3 | 15.9 | 442.8 | 338.8 | NA | NA | NA | NA | NA | NA |
| 9/27/2018 | 15.6 | 0.15 | 15.4 | 15.8 | 458.4 | 350.4 | NA | NA | NA | NA | NA | NA |
| 9/28/2018 | 15.8 | 0.06 | 15.7 | 15.9 | 474.2 | 362.2 | NA | NA | NA | NA | NA | NA |
| 9/29/2018 | 15.5 | 0.05 | 15.5 | 15.7 | 489.7 | 373.7 | NA | NA | NA | NA | NA | NA |
| 9/30/2018 | 15.5 | 0.05 | 15.4 | 15.5 | 505.2 | 385.2 | NA | NA | NA | NA | NA | NA |

October

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/1/2018 | 15.4 | 0.05 | 15.3 | 15.5 | 15.4 | 11.4 | NA | NA | NA | NA | NA | NA |
| 10/2/2018 | 15.3 | 0.05 | 15.3 | 15.4 | 30.8 | 22.8 | NA | NA | NA | NA | NA | NA |
| 10/3/2018 | 15.0 | 0.16 | 14.8 | 15.2 | 45.7 | 33.7 | NA | NA | NA | NA | NA | NA |
| 10/4/2018 | 14.9 | 0.04 | 14.9 | 15.0 | 60.6 | 44.6 | NA | NA | NA | NA | NA | NA |
| 10/5/2018 | 15.1 | 0.04 | 15.0 | 15.1 | 75.7 | 55.7 | NA | NA | NA | NA | NA | NA |
| 10/6/2018 | 15.0 | 0.06 | 14.9 | 15.1 | 90.7 | 66.7 | NA | NA | NA | NA | NA | NA |
| 10/7/2018 | 14.9 | 0.05 | 14.8 | 15.0 | 105.6 | 77.6 | NA | NA | NA | NA | NA | NA |
| 10/8/2018 | 14.6 | 0.05 | 14.6 | 14.8 | 120.2 | 88.2 | NA | NA | NA | NA | NA | NA |
| 10/9/2018 | 14.3 | 0.15 | 14.1 | 14.6 | 134.5 | 98.5 | NA | NA | NA | NA | NA | NA |
| 10/10/2018 | 14.3 | 0.04 | 14.3 | 14.4 | 148.9 | 108.9 | NA | NA | NA | NA | NA | NA |
| 10/11/2018 | 14.1 | 0.12 | 13.9 | 14.3 | 162.9 | 118.9 | NA | NA | NA | NA | NA | NA |
| 10/12/2018 | 13.5 | 0.16 | 13.3 | 13.8 | 176.4 | 128.4 | NA | NA | NA | NA | NA | NA |
| 10/13/2018 | 13.2 | 0.09 | 13.1 | 13.4 | 189.6 | 137.6 | NA | NA | NA | NA | NA | NA |
| 10/14/2018 | 12.7 | 0.35 | 11.9 | 13.1 | 202.3 | 146.3 | NA | NA | NA | NA | NA | NA |
| 10/15/2018 | 11.7 | 0.07 | 11.6 | 11.8 | 213.9 | 153.9 | NA | NA | NA | NA | NA | NA |
| 10/16/2018 | 11.9 | 0.22 | 11.6 | 12.2 | 225.8 | 161.8 | NA | NA | NA | NA | NA | NA |
| 10/17/2018 | 11.4 | 0.15 | 11.2 | 11.7 | 237.2 | 169.2 | NA | NA | NA | NA | NA | NA |
| 10/18/2018 | 10.9 | 0.37 | 10.2 | 11.3 | 248.1 | 176.1 | NA | NA | NA | NA | NA | NA |
| 10/19/2018 | 9.1 | 0.31 | 8.8 | 9.8 | 257.2 | 181.2 | NA | NA | NA | NA | NA | NA |
| 10/20/2018 | 8.3 | 0.31 | 7.7 | 8.7 | 265.5 | 185.5 | NA | NA | NA | NA | NA | NA |
| 10/21/2018 | 9.5 | 0.47 | 8.8 | 10.2 | 275.1 | 191.1 | NA | NA | NA | NA | NA | NA |
| 10/22/2018 | 10.4 | 0.11 | 10.2 | 10.5 | 285.4 | 197.4 | NA | NA | NA | NA | NA | NA |
| 10/23/2018 | 9.8 | 0.29 | 9.4 | 10.2 | 295.2 | 203.2 | NA | NA | NA | NA | NA | NA |
| 10/24/2018 | 9.5 | 0.04 | 9.4 | 9.5 | 304.7 | 208.7 | NA | NA | NA | NA | NA | NA |
| 10/25/2018 | 9.4 | 0.39 | 8.5 | 9.7 | 314.1 | 214.1 | NA | NA | NA | NA | NA | NA |
| 10/26/2018 | 7.9 | 0.30 | 7.5 | 8.4 | 321.9 | 217.9 | NA | NA | NA | NA | NA | NA |
| 10/27/2018 | 7.6 | 0.14 | 7.5 | 7.9 | 329.6 | 221.6 | NA | NA | NA | NA | NA | NA |
| 10/28/2018 | 7.3 | 0.14 | 7.1 | 7.6 | 336.9 | 224.9 | NA | NA | NA | NA | NA | NA |
| 10/29/2018 | 7.3 | 0.07 | 7.2 | 7.4 | 344.1 | 228.1 | NA | NA | NA | NA | NA | NA |
| 10/30/2018 | 7.2 | 0.06 | 7.2 | 7.3 | 351.4 | 231.4 | NA | NA | NA | NA | NA | NA |
| 10/31/2018 | 7.2 | 0.05 | 7.2 | 7.3 | 358.6 | 234.6 | NA | NA | NA | NA | NA | NA |

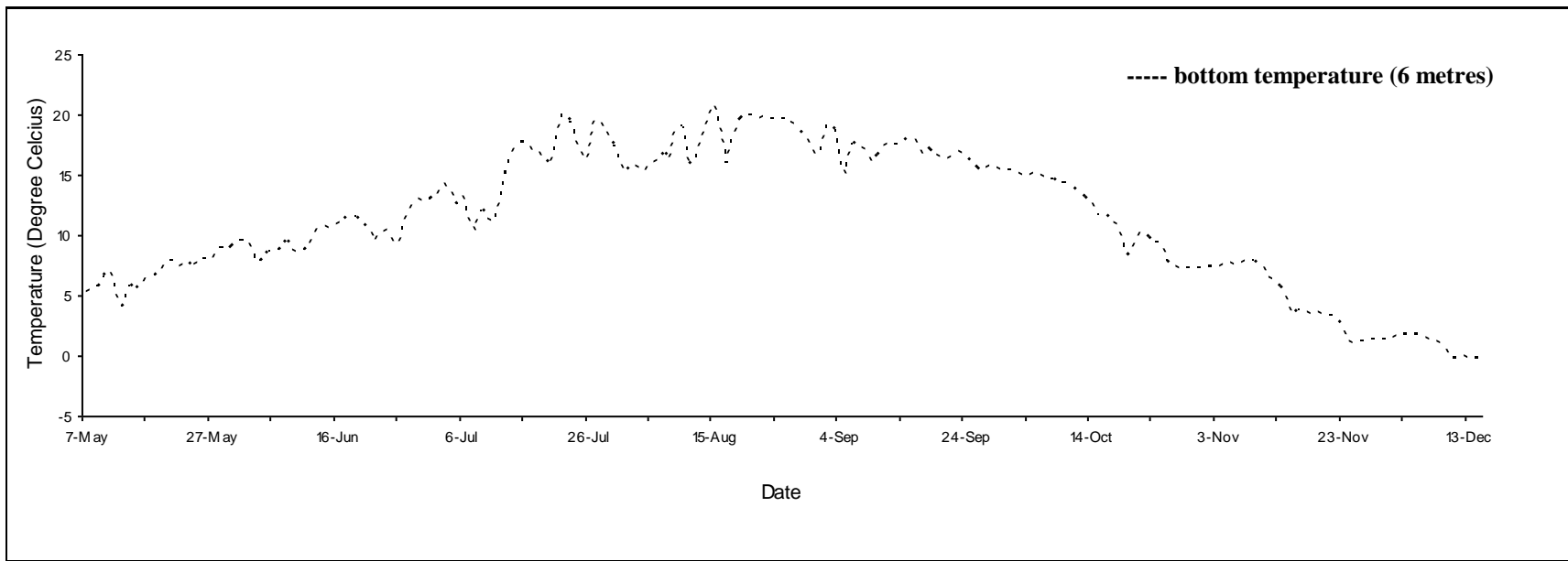
November

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 11/1/2018 | 7.3 | 0.03 | 7.2 | 7.3 | 7.3 | 3.3 | NA | NA | NA | NA | NA | NA |
| 11/2/2018 | 7.4 | 0.04 | 7.3 | 7.4 | 14.6 | 6.6 | NA | NA | NA | NA | NA | NA |
| 11/3/2018 | 7.4 | 0.05 | 7.4 | 7.5 | 22.0 | 10.0 | NA | NA | NA | NA | NA | NA |
| 11/4/2018 | 7.5 | 0.09 | 7.4 | 7.7 | 29.6 | 13.6 | NA | NA | NA | NA | NA | NA |
| 11/5/2018 | 7.7 | 0.03 | 7.7 | 7.8 | 37.3 | 17.3 | NA | NA | NA | NA | NA | NA |
| 11/6/2018 | 7.6 | 0.06 | 7.6 | 7.7 | 45.0 | 21.0 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 11/7/2018 | 7.7 | 0.10 | 7.6 | 7.9 | 52.7 | 24.7 | NA | NA | NA | NA | NA | NA |
| 11/8/2018 | 8.0 | 0.05 | 7.9 | 8.1 | 60.7 | 28.7 | NA | NA | NA | NA | NA | NA |
| 11/9/2018 | 7.9 | 0.09 | 7.8 | 8.1 | 68.6 | 32.6 | NA | NA | NA | NA | NA | NA |
| 11/10/2018 | 7.6 | 0.13 | 7.5 | 7.8 | 76.2 | 36.2 | NA | NA | NA | NA | NA | NA |
| 11/11/2018 | 6.9 | 0.38 | 6.4 | 7.6 | 83.1 | 39.1 | NA | NA | NA | NA | NA | NA |
| 11/12/2018 | 6.0 | 0.19 | 5.8 | 6.4 | 89.1 | 41.1 | NA | NA | NA | NA | NA | NA |
| 11/13/2018 | 5.7 | 0.06 | 5.6 | 5.8 | 94.8 | 42.8 | NA | NA | NA | NA | NA | NA |
| 11/14/2018 | 4.6 | 0.96 | 3.3 | 5.5 | 99.4 | 43.4 | NA | NA | NA | NA | NA | NA |
| 11/15/2018 | 3.5 | 0.07 | 3.4 | 3.6 | 102.9 | 43.4 | NA | NA | NA | NA | NA | NA |
| 11/16/2018 | 3.8 | 0.07 | 3.7 | 3.9 | 106.7 | 43.4 | NA | NA | NA | NA | NA | NA |
| 11/17/2018 | 3.8 | 0.08 | 3.6 | 3.9 | 110.6 | 43.4 | NA | NA | NA | NA | NA | NA |
| 11/18/2018 | 3.5 | 0.10 | 3.3 | 3.6 | 114.1 | 43.4 | NA | NA | NA | NA | NA | NA |
| 11/19/2018 | 3.6 | 0.05 | 3.5 | 3.6 | 117.7 | 43.4 | NA | NA | NA | NA | NA | NA |
| 11/20/2018 | 3.4 | 0.03 | 3.4 | 3.5 | 121.1 | 43.4 | NA | NA | NA | NA | NA | NA |
| 11/21/2018 | 3.4 | 0.03 | 3.4 | 3.4 | 124.5 | 43.4 | NA | NA | NA | NA | NA | NA |
| 11/22/2018 | 3.2 | 0.21 | 2.8 | 3.3 | 127.6 | 43.4 | NA | NA | NA | NA | NA | NA |
| 11/23/2018 | 2.2 | 0.31 | 1.7 | 2.7 | 129.8 | 43.4 | NA | NA | NA | NA | NA | NA |
| 11/24/2018 | 1.1 | 0.24 | 0.9 | 1.6 | 131.0 | 43.4 | NA | NA | NA | NA | NA | NA |
| 11/25/2018 | 1.1 | 0.07 | 1.0 | 1.2 | 132.1 | 43.4 | NA | NA | NA | NA | NA | NA |
| 11/26/2018 | 1.3 | 0.08 | 1.1 | 1.4 | 133.3 | 43.4 | NA | NA | NA | NA | NA | NA |
| 11/27/2018 | 1.4 | 0.03 | 1.4 | 1.5 | 134.7 | 43.4 | NA | NA | NA | NA | NA | NA |
| 11/28/2018 | 1.3 | 0.03 | 1.3 | 1.4 | 136.1 | 43.4 | NA | NA | NA | NA | NA | NA |
| 11/29/2018 | 1.4 | 0.01 | 1.4 | 1.4 | 137.5 | 43.4 | NA | NA | NA | NA | NA | NA |
| 11/30/2018 | 1.4 | 0.04 | 1.4 | 1.5 | 138.9 | 43.4 | NA | NA | NA | NA | NA | NA |

December

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 12/1/2018 | 1.6 | 0.05 | 1.5 | 1.7 | 1.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/2/2018 | 1.7 | 0.01 | 1.7 | 1.7 | 3.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/3/2018 | 1.8 | 0.06 | 1.7 | 1.9 | 5.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/4/2018 | 1.9 | 0.01 | 1.9 | 1.9 | 6.9 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/5/2018 | 1.8 | 0.07 | 1.7 | 1.9 | 8.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/6/2018 | 1.6 | 0.05 | 1.5 | 1.7 | 10.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/7/2018 | 1.4 | 0.08 | 1.3 | 1.5 | 11.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/8/2018 | 1.2 | 0.07 | 1.1 | 1.3 | 13.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/9/2018 | 0.7 | 0.33 | 0.2 | 1.1 | 13.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/10/2018 | 0.0 | 0.06 | -0.1 | 0.1 | 13.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/11/2018 | -0.1 | 0.03 | -0.1 | 0.0 | 13.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/12/2018 | 0.0 | 0.02 | -0.1 | 0.0 | 13.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/13/2018 | -0.2 | 0.04 | -0.2 | -0.1 | 13.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/14/2018 | -0.2 | 0.01 | -0.2 | -0.2 | 13.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/15/2018 | -0.1 | 0.01 | -0.2 | -0.1 | 13.7 | 0.0 | NA | NA | NA | NA | NA | NA |



Daily mean temperature for Victoria, P.E.I., 2018.

Wallace 1, N.S.

2018

May

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 5/2/2018 | 1.2 | 0.23 | 1.0 | 1.8 | 1.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/3/2018 | 2.4 | 1.17 | 1.2 | 4.4 | 3.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/4/2018 | 2.0 | 0.87 | 1.5 | 4.0 | 5.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/5/2018 | 1.8 | 0.65 | 1.2 | 3.2 | 7.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/6/2018 | 2.7 | 0.23 | 2.4 | 3.1 | 10.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/7/2018 | 3.4 | 0.28 | 3.1 | 3.9 | 13.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/8/2018 | 3.9 | 0.09 | 3.6 | 4.0 | 17.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/9/2018 | 3.8 | 0.27 | 3.2 | 4.1 | 21.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/10/2018 | 2.9 | 0.76 | 1.8 | 3.8 | 24.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/11/2018 | 2.1 | 0.33 | 1.8 | 2.8 | 26.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/12/2018 | 2.9 | 0.67 | 2.1 | 4.1 | 29.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/13/2018 | 4.4 | 0.53 | 3.5 | 5.2 | 33.6 | 0.4 | NA | NA | NA | NA | NA | NA |
| 5/14/2018 | 4.2 | 0.72 | 2.3 | 5.3 | 37.8 | 0.6 | NA | NA | NA | NA | NA | NA |
| 5/15/2018 | 2.3 | 0.19 | 2.1 | 2.8 | 40.1 | 0.6 | NA | NA | NA | NA | NA | NA |
| 5/16/2018 | 4.1 | 1.50 | 2.2 | 6.7 | 44.2 | 0.7 | NA | NA | NA | NA | NA | NA |
| 5/17/2018 | 2.9 | 0.32 | 2.5 | 3.5 | 47.1 | 0.7 | NA | NA | NA | NA | NA | NA |
| 5/18/2018 | 3.2 | 0.47 | 2.8 | 4.3 | 50.3 | 0.7 | NA | NA | NA | NA | NA | NA |
| 5/19/2018 | 3.8 | 0.30 | 3.3 | 4.5 | 54.2 | 0.7 | NA | NA | NA | NA | NA | NA |
| 5/20/2018 | 3.8 | 0.19 | 3.6 | 4.2 | 57.9 | 0.7 | NA | NA | NA | NA | NA | NA |
| 5/21/2018 | 4.2 | 0.40 | 3.7 | 5.2 | 62.1 | 0.9 | NA | NA | NA | NA | NA | NA |
| 5/22/2018 | 7.2 | 0.99 | 5.4 | 8.1 | 69.3 | 4.1 | NA | NA | NA | NA | NA | NA |
| 5/23/2018 | 5.2 | 1.50 | 4.1 | 8.1 | 74.5 | 5.3 | NA | NA | NA | NA | NA | NA |
| 5/24/2018 | 8.7 | 0.16 | 8.3 | 8.9 | 83.2 | 10.0 | NA | NA | NA | NA | NA | NA |
| 5/25/2018 | 7.4 | 1.42 | 5.1 | 8.6 | 90.7 | 13.4 | NA | NA | NA | NA | NA | NA |
| 5/26/2018 | 5.8 | 1.27 | 4.5 | 8.0 | 96.5 | 15.2 | NA | NA | NA | NA | NA | NA |
| 5/27/2018 | 7.7 | 0.45 | 6.9 | 8.2 | 104.2 | 19.0 | NA | NA | NA | NA | NA | NA |
| 5/28/2018 | 5.2 | 0.36 | 4.8 | 5.8 | 109.4 | 20.1 | NA | NA | NA | NA | NA | NA |
| 5/29/2018 | 5.6 | 0.57 | 4.9 | 6.7 | 115.0 | 21.7 | NA | NA | NA | NA | NA | NA |
| 5/30/2018 | 7.4 | 1.34 | 5.7 | 9.7 | 122.3 | 25.1 | NA | NA | NA | NA | NA | NA |
| 5/31/2018 | 6.1 | 1.09 | 5.4 | 9.4 | 128.4 | 27.2 | NA | NA | NA | NA | NA | NA |

June

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/1/2018 | 5.3 | 0.23 | 5.0 | 5.9 | 5.3 | 1.3 | NA | NA | NA | NA | NA | NA |
| 6/2/2018 | 7.1 | 3.09 | 4.7 | 11.6 | 12.3 | 4.3 | NA | NA | NA | NA | NA | NA |
| 6/3/2018 | 11.4 | 0.16 | 11.1 | 11.6 | 23.7 | 11.7 | NA | NA | NA | NA | NA | NA |
| 6/4/2018 | 10.9 | 0.33 | 10.4 | 11.4 | 34.6 | 18.6 | NA | NA | NA | NA | NA | NA |
| 6/5/2018 | 8.0 | 1.37 | 6.7 | 10.4 | 42.6 | 22.6 | NA | NA | NA | NA | NA | NA |
| 6/6/2018 | 7.4 | 1.02 | 6.3 | 9.2 | 50.0 | 26.0 | NA | NA | NA | NA | NA | NA |
| 6/7/2018 | 6.4 | 1.11 | 5.5 | 9.0 | 56.4 | 28.4 | NA | NA | NA | NA | NA | NA |
| 6/8/2018 | 5.5 | 0.08 | 5.4 | 5.7 | 61.9 | 29.9 | NA | NA | NA | NA | NA | NA |
| 6/9/2018 | 6.0 | 0.75 | 5.4 | 7.6 | 67.9 | 31.9 | NA | NA | NA | NA | NA | NA |
| 6/10/2018 | 6.8 | 1.33 | 5.7 | 10.7 | 74.7 | 34.7 | NA | NA | NA | NA | NA | NA |
| 6/11/2018 | 8.8 | 2.15 | 6.4 | 11.5 | 83.5 | 39.5 | NA | NA | NA | NA | NA | NA |
| 6/12/2018 | 9.3 | 1.30 | 7.1 | 11.0 | 92.8 | 44.8 | NA | NA | NA | NA | NA | NA |
| 6/13/2018 | 10.0 | 1.89 | 6.5 | 11.6 | 102.8 | 50.8 | NA | NA | NA | NA | NA | NA |
| 6/14/2018 | 7.8 | 1.18 | 7.2 | 11.5 | 110.6 | 54.6 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/15/2018 | 7.6 | 0.20 | 7.4 | 8.1 | 118.3 | 58.3 | NA | NA | NA | NA | NA | NA |
| 6/16/2018 | 8.1 | 0.22 | 7.8 | 8.5 | 126.3 | 62.3 | NA | NA | NA | NA | NA | NA |
| 6/17/2018 | 8.9 | 0.13 | 8.7 | 9.1 | 135.3 | 67.3 | NA | NA | NA | NA | NA | NA |
| 6/18/2018 | 8.6 | 0.61 | 7.7 | 9.5 | 143.9 | 71.9 | NA | NA | NA | NA | NA | NA |
| 6/19/2018 | 8.1 | 0.70 | 7.4 | 9.5 | 152.0 | 76.0 | NA | NA | NA | NA | NA | NA |
| 6/20/2018 | 10.0 | 0.78 | 8.9 | 11.1 | 162.0 | 82.0 | NA | NA | NA | NA | NA | NA |
| 6/21/2018 | 12.6 | 0.22 | 12.2 | 12.8 | 174.6 | 90.6 | NA | NA | NA | NA | NA | NA |
| 6/22/2018 | 9.9 | 2.07 | 8.3 | 12.8 | 184.5 | 96.5 | NA | NA | NA | NA | NA | NA |
| 6/23/2018 | 8.1 | 0.07 | 8.0 | 8.3 | 192.6 | 100.6 | NA | NA | NA | NA | NA | NA |
| 6/24/2018 | 8.3 | 0.24 | 8.1 | 8.8 | 201.0 | 105.0 | NA | NA | NA | NA | NA | NA |
| 6/25/2018 | 10.6 | 2.15 | 8.4 | 14.0 | 211.5 | 111.5 | NA | NA | NA | NA | NA | NA |
| 6/26/2018 | 13.7 | 0.28 | 13.3 | 14.2 | 225.2 | 121.2 | NA | NA | NA | NA | NA | NA |
| 6/27/2018 | 12.2 | 1.24 | 10.4 | 13.4 | 237.5 | 129.5 | NA | NA | NA | NA | NA | NA |
| 6/28/2018 | 10.6 | 1.20 | 9.6 | 13.5 | 248.1 | 136.1 | NA | NA | NA | NA | NA | NA |
| 6/29/2018 | 9.4 | 0.16 | 9.3 | 9.8 | 257.4 | 141.4 | NA | NA | NA | NA | NA | NA |
| 6/30/2018 | 9.5 | 0.09 | 9.4 | 9.7 | 266.9 | 146.9 | NA | NA | NA | NA | NA | NA |

July

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/1/2018 | 9.6 | 0.16 | 9.4 | 9.9 | 9.6 | 5.6 | NA | NA | NA | NA | NA | NA |
| 7/2/2018 | 10.1 | 0.18 | 9.9 | 10.5 | 19.6 | 11.6 | NA | NA | NA | NA | NA | NA |
| 7/3/2018 | 9.7 | 0.22 | 9.5 | 10.1 | 29.3 | 17.3 | NA | NA | NA | NA | NA | NA |
| 7/4/2018 | 9.9 | 0.38 | 9.6 | 10.9 | 39.3 | 23.3 | NA | NA | NA | NA | NA | NA |
| 7/5/2018 | 9.8 | 0.20 | 9.6 | 10.3 | 49.0 | 29.0 | NA | NA | NA | NA | NA | NA |
| 7/6/2018 | 9.6 | 0.05 | 9.6 | 9.7 | 58.7 | 34.7 | NA | NA | NA | NA | NA | NA |
| 7/7/2018 | 13.6 | 3.15 | 9.7 | 17.0 | 72.3 | 44.3 | NA | NA | NA | NA | NA | NA |
| 7/8/2018 | 12.7 | 2.74 | 10.4 | 16.7 | 85.0 | 53.0 | NA | NA | NA | NA | NA | NA |
| 7/9/2018 | 10.6 | 0.73 | 10.1 | 12.7 | 95.6 | 59.6 | NA | NA | NA | NA | NA | NA |
| 7/10/2018 | 10.3 | 0.09 | 10.2 | 10.5 | 105.8 | 65.8 | NA | NA | NA | NA | NA | NA |
| 7/11/2018 | 10.6 | 0.29 | 10.3 | 11.3 | 116.4 | 72.4 | NA | NA | NA | NA | NA | NA |
| 7/12/2018 | 10.8 | 0.36 | 10.5 | 11.6 | 127.2 | 79.2 | NA | NA | NA | NA | NA | NA |
| 7/13/2018 | 10.8 | 0.13 | 10.7 | 11.1 | 138.0 | 86.0 | NA | NA | NA | NA | NA | NA |
| 7/14/2018 | 11.0 | 0.17 | 10.7 | 11.2 | 149.0 | 93.0 | NA | NA | NA | NA | NA | NA |
| 7/15/2018 | 11.2 | 0.19 | 10.9 | 11.6 | 160.2 | 100.2 | NA | NA | NA | NA | NA | NA |
| 7/16/2018 | 11.6 | 0.34 | 11.2 | 12.3 | 171.8 | 107.8 | NA | NA | NA | NA | NA | NA |
| 7/17/2018 | 11.8 | 0.21 | 11.6 | 12.3 | 183.6 | 115.6 | NA | NA | NA | NA | NA | NA |
| 7/18/2018 | 11.6 | 0.35 | 11.3 | 12.4 | 195.1 | 123.1 | NA | NA | NA | NA | NA | NA |
| 7/19/2018 | 12.2 | 0.32 | 11.8 | 12.7 | 207.4 | 131.4 | NA | NA | NA | NA | NA | NA |
| 7/20/2018 | 12.5 | 0.36 | 12.0 | 13.1 | 219.9 | 139.9 | NA | NA | NA | NA | NA | NA |
| 7/21/2018 | 12.2 | 0.32 | 11.8 | 12.8 | 232.1 | 148.1 | NA | NA | NA | NA | NA | NA |
| 7/22/2018 | 11.9 | 0.09 | 11.9 | 12.1 | 244.0 | 156.0 | NA | NA | NA | NA | NA | NA |
| 7/23/2018 | 12.4 | 0.49 | 11.8 | 13.1 | 256.4 | 164.4 | NA | NA | NA | NA | NA | NA |
| 7/24/2018 | 13.1 | 0.32 | 12.7 | 13.7 | 269.6 | 173.6 | NA | NA | NA | NA | NA | NA |
| 7/25/2018 | 12.1 | 0.03 | 12.1 | 12.2 | 281.7 | 181.7 | NA | NA | NA | NA | NA | NA |
| 7/26/2018 | 12.6 | 0.18 | 12.3 | 12.8 | 294.3 | 190.3 | NA | NA | NA | NA | NA | NA |
| 7/27/2018 | 12.7 | 0.06 | 12.6 | 12.8 | 307.0 | 199.0 | NA | NA | NA | NA | NA | NA |
| 7/28/2018 | 12.7 | 0.04 | 12.7 | 12.8 | 319.7 | 207.7 | NA | NA | NA | NA | NA | NA |
| 7/29/2018 | 12.8 | 0.03 | 12.7 | 12.9 | 332.5 | 216.5 | NA | NA | NA | NA | NA | NA |
| 7/30/2018 | 12.8 | 0.10 | 12.7 | 13.1 | 345.3 | 225.3 | NA | NA | NA | NA | NA | NA |
| 7/31/2018 | 13.1 | 0.07 | 13.0 | 13.2 | 358.4 | 234.4 | NA | NA | NA | NA | NA | NA |

August

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/1/2018 | 12.6 | 0.23 | 12.5 | 13.3 | 12.6 | 8.6 | NA | NA | NA | NA | NA | NA |
| 8/2/2018 | 11.9 | 0.44 | 11.5 | 12.8 | 24.6 | 16.6 | NA | NA | NA | NA | NA | NA |
| 8/3/2018 | 12.0 | 0.34 | 11.6 | 12.4 | 36.6 | 24.6 | NA | NA | NA | NA | NA | NA |
| 8/4/2018 | 11.8 | 0.36 | 11.4 | 12.5 | 48.4 | 32.4 | NA | NA | NA | NA | NA | NA |
| 8/5/2018 | 11.6 | 0.52 | 10.8 | 12.3 | 60.0 | 40.0 | NA | NA | NA | NA | NA | NA |
| 8/6/2018 | 12.6 | 0.28 | 12.1 | 13.0 | 72.6 | 48.6 | NA | NA | NA | NA | NA | NA |
| 8/7/2018 | 12.8 | 0.20 | 12.4 | 13.1 | 85.3 | 57.3 | NA | NA | NA | NA | NA | NA |
| 8/8/2018 | 13.0 | 0.39 | 12.5 | 13.6 | 98.3 | 66.3 | NA | NA | NA | NA | NA | NA |
| 8/9/2018 | 12.4 | 0.20 | 12.1 | 12.6 | 110.7 | 74.7 | NA | NA | NA | NA | NA | NA |
| 8/10/2018 | 12.6 | 0.69 | 11.9 | 13.8 | 123.4 | 83.4 | NA | NA | NA | NA | NA | NA |
| 8/11/2018 | 13.6 | 0.36 | 13.2 | 14.3 | 137.0 | 93.0 | NA | NA | NA | NA | NA | NA |
| 8/12/2018 | 13.3 | 0.25 | 12.9 | 13.7 | 150.3 | 102.3 | NA | NA | NA | NA | NA | NA |
| 8/13/2018 | 13.3 | 0.11 | 13.0 | 13.4 | 163.6 | 111.6 | NA | NA | NA | NA | NA | NA |
| 8/14/2018 | 13.3 | 0.09 | 13.2 | 13.5 | 176.9 | 120.9 | NA | NA | NA | NA | NA | NA |
| 8/15/2018 | 13.3 | 0.07 | 13.2 | 13.4 | 190.1 | 130.1 | NA | NA | NA | NA | NA | NA |
| 8/16/2018 | 13.8 | 0.45 | 13.3 | 14.6 | 204.0 | 140.0 | NA | NA | NA | NA | NA | NA |
| 8/17/2018 | 15.3 | 0.55 | 14.4 | 16.4 | 219.2 | 151.2 | NA | NA | NA | NA | NA | NA |
| 8/18/2018 | 13.7 | 0.19 | 13.5 | 14.2 | 233.0 | 161.0 | NA | NA | NA | NA | NA | NA |
| 8/19/2018 | 14.3 | 0.22 | 13.9 | 14.6 | 247.2 | 171.2 | NA | NA | NA | NA | NA | NA |
| 8/20/2018 | 14.5 | 0.13 | 14.3 | 14.6 | 261.7 | 181.7 | NA | NA | NA | NA | NA | NA |
| 8/21/2018 | 14.4 | 0.07 | 14.3 | 14.5 | 276.1 | 192.1 | NA | NA | NA | NA | NA | NA |
| 8/22/2018 | 14.4 | 0.10 | 14.3 | 14.5 | 290.5 | 202.5 | NA | NA | NA | NA | NA | NA |
| 8/23/2018 | 14.4 | 0.30 | 14.0 | 14.8 | 304.9 | 212.9 | NA | NA | NA | NA | NA | NA |
| 8/24/2018 | 15.4 | 0.52 | 14.7 | 16.5 | 320.2 | 224.2 | NA | NA | NA | NA | NA | NA |
| 8/25/2018 | 15.7 | 0.22 | 15.4 | 16.0 | 335.9 | 235.9 | NA | NA | NA | NA | NA | NA |
| 8/26/2018 | 14.1 | 0.39 | 13.8 | 14.9 | 350.0 | 246.0 | NA | NA | NA | NA | NA | NA |
| 8/27/2018 | 13.5 | 0.06 | 13.4 | 13.6 | 363.5 | 255.5 | NA | NA | NA | NA | NA | NA |
| 8/28/2018 | 13.4 | 0.08 | 13.2 | 13.5 | 376.9 | 264.9 | NA | NA | NA | NA | NA | NA |
| 8/29/2018 | 13.3 | 0.38 | 12.7 | 14.0 | 390.2 | 274.2 | NA | NA | NA | NA | NA | NA |
| 8/30/2018 | 12.9 | 0.65 | 12.0 | 14.2 | 403.0 | 283.0 | NA | NA | NA | NA | NA | NA |
| 8/31/2018 | 14.0 | 0.28 | 13.7 | 14.5 | 417.1 | 293.1 | NA | NA | NA | NA | NA | NA |

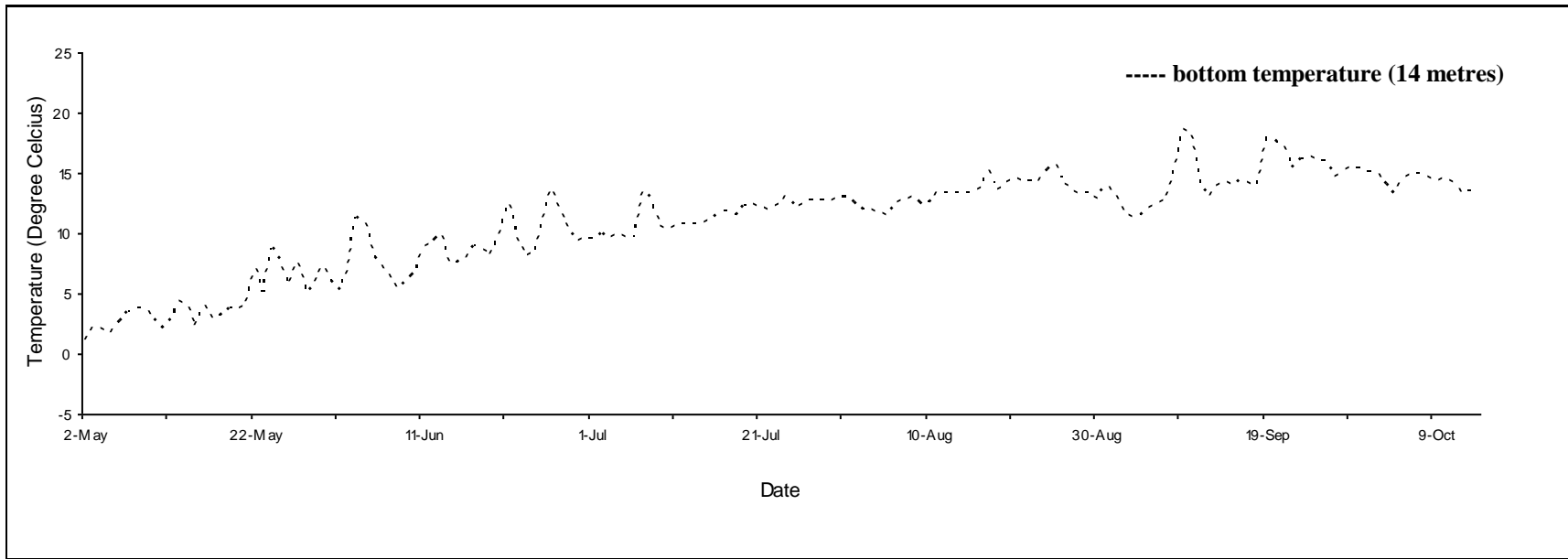
September

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/1/2018 | 13.2 | 0.36 | 12.8 | 13.9 | 13.2 | 9.2 | NA | NA | NA | NA | NA | NA |
| 9/2/2018 | 11.9 | 0.59 | 10.9 | 12.8 | 25.0 | 17.0 | NA | NA | NA | NA | NA | NA |
| 9/3/2018 | 11.4 | 0.24 | 11.0 | 11.9 | 36.4 | 24.4 | NA | NA | NA | NA | NA | NA |
| 9/4/2018 | 11.4 | 0.32 | 11.0 | 12.0 | 47.8 | 31.8 | NA | NA | NA | NA | NA | NA |
| 9/5/2018 | 12.2 | 0.40 | 11.7 | 12.8 | 60.0 | 40.0 | NA | NA | NA | NA | NA | NA |
| 9/6/2018 | 12.4 | 1.15 | 11.5 | 15.4 | 72.4 | 48.4 | NA | NA | NA | NA | NA | NA |
| 9/7/2018 | 13.0 | 1.02 | 11.8 | 15.0 | 85.4 | 57.4 | NA | NA | NA | NA | NA | NA |
| 9/8/2018 | 15.0 | 1.88 | 13.3 | 18.3 | 100.4 | 68.4 | NA | NA | NA | NA | NA | NA |
| 9/9/2018 | 18.6 | 0.23 | 18.3 | 19.0 | 119.0 | 83.0 | NA | NA | NA | NA | NA | NA |
| 9/10/2018 | 18.5 | 0.44 | 17.6 | 18.9 | 137.6 | 97.6 | NA | NA | NA | NA | NA | NA |
| 9/11/2018 | 14.2 | 1.23 | 12.4 | 16.5 | 151.8 | 107.8 | NA | NA | NA | NA | NA | NA |
| 9/12/2018 | 13.1 | 0.48 | 12.4 | 13.9 | 164.8 | 116.8 | NA | NA | NA | NA | NA | NA |
| 9/13/2018 | 13.9 | 0.16 | 13.7 | 14.3 | 178.8 | 126.8 | NA | NA | NA | NA | NA | NA |
| 9/14/2018 | 14.2 | 0.21 | 13.8 | 14.6 | 193.0 | 137.0 | NA | NA | NA | NA | NA | NA |
| 9/15/2018 | 14.2 | 0.23 | 13.9 | 14.6 | 207.2 | 147.2 | NA | NA | NA | NA | NA | NA |
| 9/16/2018 | 14.5 | 0.54 | 13.9 | 15.3 | 221.6 | 157.6 | NA | NA | NA | NA | NA | NA |
| 9/17/2018 | 14.1 | 0.46 | 13.4 | 14.7 | 235.7 | 167.7 | NA | NA | NA | NA | NA | NA |
| 9/18/2018 | 14.2 | 1.16 | 13.4 | 17.3 | 249.9 | 177.9 | NA | NA | NA | NA | NA | NA |
| 9/19/2018 | 18.1 | 0.19 | 17.6 | 18.2 | 268.0 | 192.0 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/20/2018 | 17.6 | 0.27 | 17.3 | 18.0 | 285.6 | 205.6 | NA | NA | NA | NA | NA | NA |
| 9/21/2018 | 17.4 | 0.04 | 17.3 | 17.5 | 303.0 | 219.0 | NA | NA | NA | NA | NA | NA |
| 9/22/2018 | 15.4 | 0.89 | 14.6 | 17.4 | 318.4 | 230.4 | NA | NA | NA | NA | NA | NA |
| 9/23/2018 | 16.2 | 0.05 | 16.1 | 16.3 | 334.7 | 242.7 | NA | NA | NA | NA | NA | NA |
| 9/24/2018 | 16.4 | 0.08 | 16.3 | 16.6 | 351.0 | 255.0 | NA | NA | NA | NA | NA | NA |
| 9/25/2018 | 16.2 | 0.13 | 16.1 | 16.5 | 367.2 | 267.2 | NA | NA | NA | NA | NA | NA |
| 9/26/2018 | 16.0 | 0.11 | 15.7 | 16.1 | 383.2 | 279.2 | NA | NA | NA | NA | NA | NA |
| 9/27/2018 | 14.7 | 1.02 | 13.1 | 15.8 | 397.9 | 289.9 | NA | NA | NA | NA | NA | NA |
| 9/28/2018 | 15.2 | 0.43 | 14.4 | 15.6 | 413.1 | 301.1 | NA | NA | NA | NA | NA | NA |
| 9/29/2018 | 15.4 | 0.19 | 15.0 | 15.7 | 428.5 | 312.5 | NA | NA | NA | NA | NA | NA |
| 9/30/2018 | 15.5 | 0.10 | 15.3 | 15.6 | 444.0 | 324.0 | NA | NA | NA | NA | NA | NA |

October

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/1/2018 | 15.2 | 0.09 | 15.1 | 15.3 | 15.2 | 11.2 | NA | NA | NA | NA | NA | NA |
| 10/2/2018 | 15.1 | 0.08 | 15.0 | 15.2 | 30.3 | 22.3 | NA | NA | NA | NA | NA | NA |
| 10/3/2018 | 14.1 | 0.71 | 13.1 | 15.0 | 44.4 | 32.4 | NA | NA | NA | NA | NA | NA |
| 10/4/2018 | 13.4 | 0.35 | 12.7 | 13.7 | 57.8 | 41.8 | NA | NA | NA | NA | NA | NA |
| 10/5/2018 | 14.6 | 0.63 | 13.6 | 15.1 | 72.3 | 52.3 | NA | NA | NA | NA | NA | NA |
| 10/6/2018 | 15.0 | 0.05 | 14.9 | 15.1 | 87.3 | 63.3 | NA | NA | NA | NA | NA | NA |
| 10/7/2018 | 14.9 | 0.05 | 14.8 | 15.0 | 102.2 | 74.2 | NA | NA | NA | NA | NA | NA |
| 10/8/2018 | 14.7 | 0.09 | 14.5 | 14.8 | 116.9 | 84.9 | NA | NA | NA | NA | NA | NA |
| 10/9/2018 | 14.5 | 0.07 | 14.4 | 14.6 | 131.4 | 95.4 | NA | NA | NA | NA | NA | NA |
| 10/10/2018 | 14.5 | 0.05 | 14.4 | 14.6 | 145.8 | 105.8 | NA | NA | NA | NA | NA | NA |
| 10/11/2018 | 14.2 | 0.12 | 14.0 | 14.4 | 160.0 | 116.0 | NA | NA | NA | NA | NA | NA |
| 10/12/2018 | 13.5 | 0.27 | 13.2 | 13.9 | 173.6 | 125.6 | NA | NA | NA | NA | NA | NA |
| 10/13/2018 | 13.6 | 0.05 | 13.5 | 13.6 | 187.1 | 135.1 | NA | NA | NA | NA | NA | NA |
| 10/14/2018 | 13.2 | 0.10 | 13.1 | 13.4 | 200.4 | 144.4 | NA | NA | NA | NA | NA | NA |



Daily mean temperature for Wallace 1, N.S., 2018.

Wallace 2, N.S.

2018

July

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/9/2018 | 16.8 | 0.20 | 16.5 | 17.1 | 16.8 | 12.8 | NA | NA | NA | NA | NA | NA |
| 7/10/2018 | 17.2 | 0.22 | 16.9 | 17.5 | 34.0 | 26.0 | NA | NA | NA | NA | NA | NA |
| 7/11/2018 | 17.9 | 0.29 | 17.3 | 18.3 | 51.9 | 39.9 | NA | NA | NA | NA | NA | NA |
| 7/12/2018 | 17.3 | 0.53 | 16.5 | 18.0 | 69.2 | 53.2 | NA | NA | NA | NA | NA | NA |
| 7/13/2018 | 17.1 | 0.44 | 16.4 | 17.6 | 86.3 | 66.3 | NA | NA | NA | NA | NA | NA |
| 7/14/2018 | 16.5 | 0.33 | 15.8 | 17.1 | 102.8 | 78.8 | NA | NA | NA | NA | NA | NA |
| 7/15/2018 | 15.9 | 0.77 | 14.5 | 16.9 | 118.7 | 90.7 | NA | NA | NA | NA | NA | NA |
| 7/16/2018 | 16.7 | 0.76 | 15.2 | 17.7 | 135.3 | 103.3 | NA | NA | NA | NA | NA | NA |
| 7/17/2018 | 17.3 | 0.66 | 15.9 | 18.1 | 152.6 | 116.6 | NA | NA | NA | NA | NA | NA |
| 7/18/2018 | 17.1 | 1.42 | 15.3 | 19.6 | 169.6 | 129.6 | NA | NA | NA | NA | NA | NA |
| 7/19/2018 | 19.1 | 0.77 | 17.5 | 19.9 | 188.7 | 144.7 | NA | NA | NA | NA | NA | NA |
| 7/20/2018 | 18.6 | 0.92 | 17.0 | 20.1 | 207.4 | 159.4 | NA | NA | NA | NA | NA | NA |
| 7/21/2018 | 16.2 | 1.03 | 14.8 | 17.6 | 223.6 | 171.6 | NA | NA | NA | NA | NA | NA |
| 7/22/2018 | 16.3 | 0.92 | 14.9 | 17.6 | 239.9 | 183.9 | NA | NA | NA | NA | NA | NA |
| 7/23/2018 | 17.7 | 1.25 | 16.3 | 19.9 | 257.6 | 197.6 | NA | NA | NA | NA | NA | NA |
| 7/24/2018 | 19.5 | 1.25 | 17.9 | 20.9 | 277.1 | 213.1 | NA | NA | NA | NA | NA | NA |
| 7/25/2018 | 19.7 | 1.41 | 17.5 | 21.3 | 296.9 | 228.9 | NA | NA | NA | NA | NA | NA |
| 7/26/2018 | 17.5 | 1.03 | 15.7 | 19.8 | 314.4 | 242.4 | NA | NA | NA | NA | NA | NA |
| 7/27/2018 | 17.7 | 3.58 | 12.9 | 21.8 | 332.0 | 256.0 | NA | NA | NA | NA | NA | NA |
| 7/28/2018 | 18.4 | 2.38 | 13.3 | 21.4 | 350.4 | 270.4 | NA | NA | NA | NA | NA | NA |
| 7/29/2018 | 18.0 | 2.29 | 14.9 | 20.9 | 368.4 | 284.4 | NA | NA | NA | NA | NA | NA |
| 7/30/2018 | 20.6 | 3.16 | 14.0 | 23.0 | 389.0 | 301.0 | NA | NA | NA | NA | NA | NA |
| 7/31/2018 | 22.1 | 0.50 | 21.1 | 23.0 | 411.2 | 319.2 | NA | NA | NA | NA | NA | NA |

August

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/1/2018 | 21.2 | 0.54 | 20.4 | 22.0 | 21.2 | 17.2 | NA | NA | NA | NA | NA | NA |
| 8/2/2018 | 18.7 | 2.67 | 13.9 | 21.1 | 39.8 | 31.8 | NA | NA | NA | NA | NA | NA |
| 8/3/2018 | 21.7 | 0.87 | 19.7 | 22.5 | 61.6 | 49.6 | NA | NA | NA | NA | NA | NA |
| 8/4/2018 | 20.0 | 2.17 | 15.5 | 22.2 | 81.6 | 65.6 | NA | NA | NA | NA | NA | NA |
| 8/5/2018 | 20.3 | 2.95 | 14.2 | 22.5 | 101.8 | 81.8 | NA | NA | NA | NA | NA | NA |
| 8/6/2018 | 21.6 | 0.56 | 20.6 | 22.4 | 123.5 | 99.5 | NA | NA | NA | NA | NA | NA |
| 8/7/2018 | 20.4 | 1.29 | 18.2 | 21.9 | 143.9 | 115.9 | NA | NA | NA | NA | NA | NA |
| 8/8/2018 | 21.6 | 1.09 | 20.2 | 23.0 | 165.5 | 133.5 | NA | NA | NA | NA | NA | NA |
| 8/9/2018 | 20.2 | 1.44 | 17.3 | 21.9 | 185.7 | 149.7 | NA | NA | NA | NA | NA | NA |
| 8/10/2018 | 21.3 | 1.13 | 19.0 | 22.3 | 207.0 | 167.0 | NA | NA | NA | NA | NA | NA |
| 8/11/2018 | 21.9 | 0.34 | 21.5 | 22.5 | 228.9 | 184.9 | NA | NA | NA | NA | NA | NA |
| 8/12/2018 | 21.9 | 0.44 | 20.9 | 22.5 | 250.8 | 202.8 | NA | NA | NA | NA | NA | NA |
| 8/13/2018 | 20.3 | 1.42 | 17.3 | 21.6 | 271.1 | 219.1 | NA | NA | NA | NA | NA | NA |
| 8/14/2018 | 19.1 | 1.19 | 16.7 | 20.9 | 290.2 | 234.2 | NA | NA | NA | NA | NA | NA |
| 8/15/2018 | 18.9 | 1.64 | 16.7 | 21.3 | 309.1 | 249.1 | NA | NA | NA | NA | NA | NA |
| 8/16/2018 | 20.2 | 1.75 | 17.0 | 21.6 | 329.3 | 265.3 | NA | NA | NA | NA | NA | NA |
| 8/17/2018 | 21.3 | 0.08 | 21.2 | 21.5 | 350.7 | 282.7 | NA | NA | NA | NA | NA | NA |
| 8/18/2018 | 17.8 | 0.65 | 17.1 | 19.1 | 368.5 | 296.5 | NA | NA | NA | NA | NA | NA |
| 8/19/2018 | 19.0 | 1.24 | 17.4 | 20.2 | 387.5 | 311.5 | NA | NA | NA | NA | NA | NA |
| 8/20/2018 | 18.3 | 0.39 | 17.4 | 18.9 | 405.9 | 325.9 | NA | NA | NA | NA | NA | NA |
| 8/21/2018 | 17.7 | 0.79 | 16.8 | 18.9 | 423.6 | 339.6 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/22/2018 | 18.0 | 0.62 | 16.9 | 18.8 | 441.6 | 353.6 | NA | NA | NA | NA | NA | NA |
| 8/23/2018 | 18.1 | 0.90 | 16.6 | 19.3 | 459.7 | 367.7 | NA | NA | NA | NA | NA | NA |
| 8/24/2018 | 19.6 | 0.32 | 18.8 | 20.0 | 479.3 | 383.3 | NA | NA | NA | NA | NA | NA |
| 8/25/2018 | 19.9 | 0.11 | 19.8 | 20.1 | 499.2 | 399.2 | NA | NA | NA | NA | NA | NA |
| 8/26/2018 | 19.9 | 0.19 | 19.4 | 20.1 | 519.0 | 415.0 | NA | NA | NA | NA | NA | NA |
| 8/27/2018 | 19.3 | 0.84 | 17.5 | 20.0 | 538.3 | 430.3 | NA | NA | NA | NA | NA | NA |
| 8/28/2018 | 18.5 | 1.24 | 17.3 | 20.6 | 556.8 | 444.8 | NA | NA | NA | NA | NA | NA |
| 8/29/2018 | 20.1 | 0.97 | 18.0 | 20.9 | 576.9 | 460.9 | NA | NA | NA | NA | NA | NA |
| 8/30/2018 | 19.7 | 1.19 | 16.8 | 21.0 | 596.6 | 476.6 | NA | NA | NA | NA | NA | NA |
| 8/31/2018 | 20.3 | 0.09 | 20.2 | 20.5 | 616.9 | 492.9 | NA | NA | NA | NA | NA | NA |

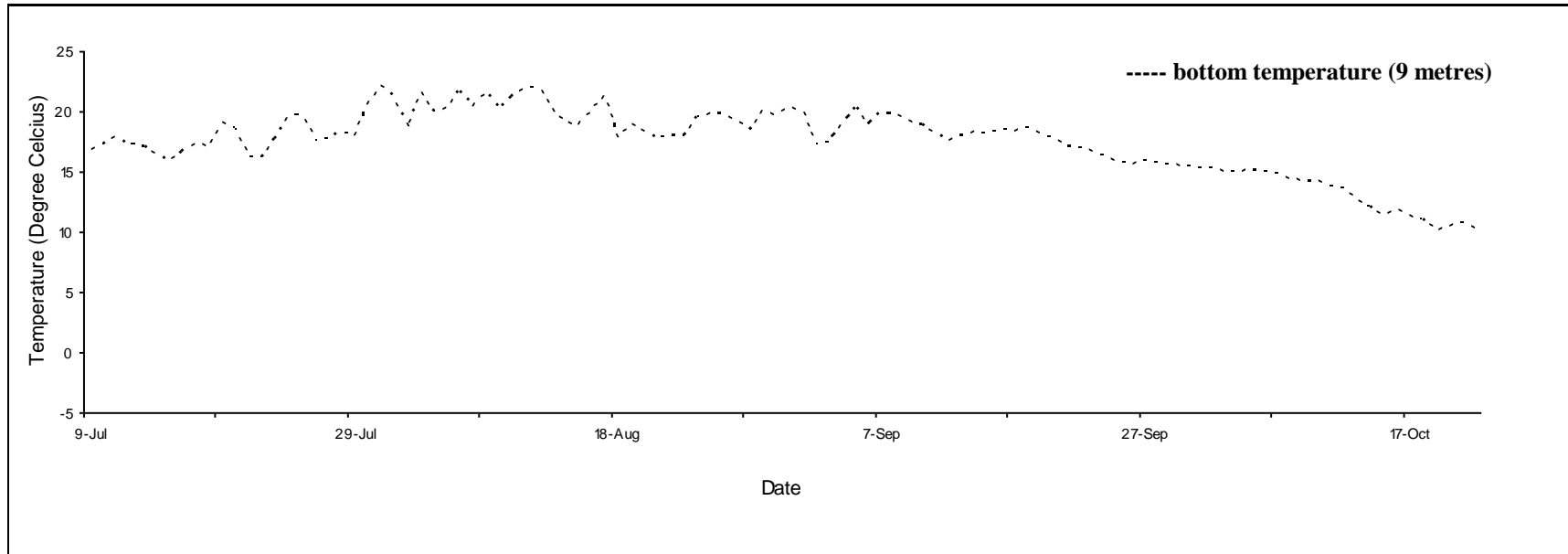
September

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/1/2018 | 20.0 | 0.20 | 19.7 | 20.3 | 20.0 | 16.0 | NA | NA | NA | NA | NA | NA |
| 9/2/2018 | 17.3 | 1.20 | 16.0 | 19.9 | 37.4 | 29.4 | NA | NA | NA | NA | NA | NA |
| 9/3/2018 | 17.5 | 1.43 | 16.0 | 19.7 | 54.9 | 42.9 | NA | NA | NA | NA | NA | NA |
| 9/4/2018 | 19.2 | 1.36 | 16.9 | 20.3 | 74.0 | 58.0 | NA | NA | NA | NA | NA | NA |
| 9/5/2018 | 20.3 | 0.13 | 20.1 | 20.5 | 94.3 | 74.3 | NA | NA | NA | NA | NA | NA |
| 9/6/2018 | 18.9 | 1.16 | 16.8 | 20.1 | 113.2 | 89.2 | NA | NA | NA | NA | NA | NA |
| 9/7/2018 | 20.0 | 0.20 | 19.7 | 20.3 | 133.2 | 105.2 | NA | NA | NA | NA | NA | NA |
| 9/8/2018 | 19.7 | 0.10 | 19.6 | 19.9 | 152.9 | 120.9 | NA | NA | NA | NA | NA | NA |
| 9/9/2018 | 19.3 | 0.14 | 19.1 | 19.6 | 172.2 | 136.2 | NA | NA | NA | NA | NA | NA |
| 9/10/2018 | 18.9 | 0.08 | 18.8 | 19.1 | 191.1 | 151.1 | NA | NA | NA | NA | NA | NA |
| 9/11/2018 | 18.3 | 0.53 | 17.3 | 19.0 | 209.4 | 165.4 | NA | NA | NA | NA | NA | NA |
| 9/12/2018 | 17.5 | 0.74 | 16.1 | 18.3 | 226.9 | 178.9 | NA | NA | NA | NA | NA | NA |
| 9/13/2018 | 18.0 | 0.13 | 17.9 | 18.3 | 245.0 | 193.0 | NA | NA | NA | NA | NA | NA |
| 9/14/2018 | 18.3 | 0.12 | 18.1 | 18.5 | 263.2 | 207.2 | NA | NA | NA | NA | NA | NA |
| 9/15/2018 | 18.2 | 0.27 | 17.8 | 18.8 | 281.4 | 221.4 | NA | NA | NA | NA | NA | NA |
| 9/16/2018 | 18.5 | 0.22 | 17.9 | 18.7 | 299.9 | 235.9 | NA | NA | NA | NA | NA | NA |
| 9/17/2018 | 18.4 | 0.26 | 17.9 | 18.7 | 318.3 | 250.3 | NA | NA | NA | NA | NA | NA |
| 9/18/2018 | 18.6 | 0.07 | 18.5 | 18.7 | 336.9 | 264.9 | NA | NA | NA | NA | NA | NA |
| 9/19/2018 | 18.2 | 0.12 | 18.0 | 18.4 | 355.0 | 279.0 | NA | NA | NA | NA | NA | NA |
| 9/20/2018 | 17.7 | 0.16 | 17.4 | 17.9 | 372.7 | 292.7 | NA | NA | NA | NA | NA | NA |
| 9/21/2018 | 17.1 | 0.16 | 16.7 | 17.4 | 389.8 | 305.8 | NA | NA | NA | NA | NA | NA |
| 9/22/2018 | 17.0 | 0.10 | 16.9 | 17.2 | 406.9 | 318.9 | NA | NA | NA | NA | NA | NA |
| 9/23/2018 | 16.7 | 0.05 | 16.6 | 16.8 | 423.5 | 331.5 | NA | NA | NA | NA | NA | NA |
| 9/24/2018 | 16.2 | 0.18 | 15.9 | 16.5 | 439.8 | 343.8 | NA | NA | NA | NA | NA | NA |
| 9/25/2018 | 15.7 | 0.25 | 15.1 | 16.0 | 455.5 | 355.5 | NA | NA | NA | NA | NA | NA |
| 9/26/2018 | 15.6 | 0.16 | 15.3 | 15.8 | 471.1 | 367.1 | NA | NA | NA | NA | NA | NA |
| 9/27/2018 | 16.0 | 0.09 | 15.7 | 16.1 | 487.0 | 379.0 | NA | NA | NA | NA | NA | NA |
| 9/28/2018 | 15.8 | 0.10 | 15.7 | 16.0 | 502.9 | 390.9 | NA | NA | NA | NA | NA | NA |
| 9/29/2018 | 15.6 | 0.08 | 15.5 | 15.7 | 518.5 | 402.5 | NA | NA | NA | NA | NA | NA |
| 9/30/2018 | 15.4 | 0.10 | 15.3 | 15.6 | 533.9 | 413.9 | NA | NA | NA | NA | NA | NA |

October

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/1/2018 | 15.4 | 0.13 | 15.1 | 15.6 | 15.4 | 11.4 | NA | NA | NA | NA | NA | NA |
| 10/2/2018 | 15.2 | 0.16 | 15.0 | 15.5 | 30.6 | 22.6 | NA | NA | NA | NA | NA | NA |
| 10/3/2018 | 15.0 | 0.12 | 14.7 | 15.1 | 45.6 | 33.6 | NA | NA | NA | NA | NA | NA |
| 10/4/2018 | 15.0 | 0.25 | 14.7 | 15.4 | 60.6 | 44.6 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/5/2018 | 15.2 | 0.07 | 15.1 | 15.3 | 75.8 | 55.8 | NA | NA | NA | NA | NA | NA |
| 10/6/2018 | 15.0 | 0.05 | 14.9 | 15.1 | 90.8 | 66.8 | NA | NA | NA | NA | NA | NA |
| 10/7/2018 | 14.8 | 0.08 | 14.7 | 14.9 | 105.6 | 77.6 | NA | NA | NA | NA | NA | NA |
| 10/8/2018 | 14.4 | 0.23 | 13.8 | 14.6 | 120.0 | 88.0 | NA | NA | NA | NA | NA | NA |
| 10/9/2018 | 14.2 | 0.19 | 13.8 | 14.3 | 134.2 | 98.2 | NA | NA | NA | NA | NA | NA |
| 10/10/2018 | 14.3 | 0.18 | 13.9 | 14.5 | 148.5 | 108.5 | NA | NA | NA | NA | NA | NA |
| 10/11/2018 | 13.8 | 0.33 | 13.1 | 14.2 | 162.3 | 118.3 | NA | NA | NA | NA | NA | NA |
| 10/12/2018 | 13.6 | 0.19 | 13.1 | 13.8 | 175.9 | 127.9 | NA | NA | NA | NA | NA | NA |
| 10/13/2018 | 12.8 | 0.26 | 12.5 | 13.2 | 188.7 | 136.7 | NA | NA | NA | NA | NA | NA |
| 10/14/2018 | 12.1 | 0.28 | 11.7 | 12.7 | 200.8 | 144.8 | NA | NA | NA | NA | NA | NA |
| 10/15/2018 | 11.4 | 0.33 | 10.9 | 11.9 | 212.2 | 152.2 | NA | NA | NA | NA | NA | NA |
| 10/16/2018 | 11.8 | 0.46 | 11.1 | 12.4 | 224.0 | 160.0 | NA | NA | NA | NA | NA | NA |
| 10/17/2018 | 11.4 | 0.34 | 10.6 | 11.8 | 235.4 | 167.4 | NA | NA | NA | NA | NA | NA |
| 10/18/2018 | 11.1 | 0.48 | 10.3 | 11.9 | 246.5 | 174.5 | NA | NA | NA | NA | NA | NA |
| 10/19/2018 | 10.1 | 0.19 | 9.9 | 10.5 | 256.6 | 180.6 | NA | NA | NA | NA | NA | NA |
| 10/20/2018 | 10.4 | 0.20 | 10.1 | 10.7 | 267.0 | 187.0 | NA | NA | NA | NA | NA | NA |
| 10/21/2018 | 10.7 | 0.32 | 10.3 | 11.2 | 277.7 | 193.7 | NA | NA | NA | NA | NA | NA |
| 10/22/2018 | 10.3 | 0.67 | 9.5 | 11.1 | 288.0 | 200.0 | NA | NA | NA | NA | NA | NA |



Daily mean temperature for Wallace 2, N.S., 2018.

West Point, P.E.I.

2018

May

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 5/8/2018 | 0.9 | 0.54 | 0.2 | 1.9 | 0.9 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/9/2018 | 0.3 | 0.65 | -0.1 | 2.0 | 1.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/10/2018 | 0.3 | 0.32 | 0.0 | 1.0 | 1.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/11/2018 | 0.6 | 0.36 | 0.2 | 1.3 | 2.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/12/2018 | 0.6 | 0.25 | 0.2 | 0.9 | 2.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/13/2018 | 0.8 | 0.48 | 0.1 | 1.7 | 3.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/14/2018 | 1.4 | 0.71 | 0.4 | 2.7 | 4.9 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/15/2018 | 2.8 | 0.96 | 1.1 | 4.7 | 7.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/16/2018 | 3.4 | 1.16 | 1.9 | 5.3 | 11.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/17/2018 | 4.0 | 1.04 | 2.1 | 5.7 | 15.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/18/2018 | 4.2 | 1.13 | 2.2 | 5.6 | 19.3 | 0.2 | NA | NA | NA | NA | NA | NA |
| 5/19/2018 | 4.4 | 1.04 | 2.4 | 5.9 | 23.8 | 0.7 | NA | NA | NA | NA | NA | NA |
| 5/20/2018 | 4.0 | 0.81 | 2.4 | 5.6 | 27.8 | 0.7 | NA | NA | NA | NA | NA | NA |
| 5/21/2018 | 3.7 | 0.86 | 2.1 | 4.6 | 31.5 | 0.7 | NA | NA | NA | NA | NA | NA |
| 5/22/2018 | 4.9 | 0.65 | 3.8 | 6.1 | 36.4 | 1.6 | NA | NA | NA | NA | NA | NA |
| 5/23/2018 | 4.1 | 1.22 | 2.3 | 6.3 | 40.5 | 1.7 | NA | NA | NA | NA | NA | NA |
| 5/24/2018 | 4.5 | 0.92 | 2.9 | 5.6 | 45.0 | 2.2 | NA | NA | NA | NA | NA | NA |
| 5/25/2018 | 4.7 | 0.80 | 3.3 | 6.1 | 49.7 | 2.9 | NA | NA | NA | NA | NA | NA |
| 5/26/2018 | 5.4 | 1.01 | 3.2 | 6.4 | 55.1 | 4.3 | NA | NA | NA | NA | NA | NA |
| 5/27/2018 | 6.6 | 0.27 | 5.9 | 6.9 | 61.7 | 6.9 | NA | NA | NA | NA | NA | NA |
| 5/28/2018 | 7.0 | 0.57 | 5.5 | 7.7 | 68.7 | 9.8 | NA | NA | NA | NA | NA | NA |
| 5/29/2018 | 6.8 | 0.91 | 4.6 | 7.8 | 75.5 | 12.7 | NA | NA | NA | NA | NA | NA |
| 5/30/2018 | 7.5 | 0.59 | 6.6 | 8.3 | 83.0 | 16.2 | NA | NA | NA | NA | NA | NA |
| 5/31/2018 | 7.3 | 1.16 | 4.2 | 8.6 | 90.3 | 19.5 | NA | NA | NA | NA | NA | NA |

June

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/1/2018 | 6.4 | 1.56 | 4.1 | 8.8 | 6.4 | 2.4 | NA | NA | NA | NA | NA | NA |
| 6/2/2018 | 5.3 | 1.31 | 3.4 | 7.7 | 11.7 | 3.7 | NA | NA | NA | NA | NA | NA |
| 6/3/2018 | 6.1 | 0.91 | 4.7 | 7.4 | 17.7 | 5.7 | NA | NA | NA | NA | NA | NA |
| 6/4/2018 | 7.4 | 0.14 | 7.2 | 7.6 | 25.1 | 9.1 | NA | NA | NA | NA | NA | NA |
| 6/5/2018 | 7.8 | 0.19 | 7.6 | 8.2 | 32.9 | 12.9 | NA | NA | NA | NA | NA | NA |
| 6/6/2018 | 8.1 | 0.20 | 7.8 | 8.5 | 41.0 | 17.0 | NA | NA | NA | NA | NA | NA |
| 6/7/2018 | 8.5 | 0.15 | 8.4 | 8.9 | 49.5 | 21.5 | NA | NA | NA | NA | NA | NA |
| 6/8/2018 | 9.1 | 0.13 | 8.9 | 9.3 | 58.6 | 26.6 | NA | NA | NA | NA | NA | NA |
| 6/9/2018 | 8.6 | 0.79 | 7.2 | 9.3 | 67.2 | 31.2 | NA | NA | NA | NA | NA | NA |
| 6/10/2018 | 7.7 | 1.29 | 5.4 | 9.3 | 74.9 | 34.9 | NA | NA | NA | NA | NA | NA |
| 6/11/2018 | 7.9 | 0.84 | 6.2 | 9.3 | 82.8 | 38.8 | NA | NA | NA | NA | NA | NA |
| 6/12/2018 | 8.8 | 0.77 | 7.2 | 9.8 | 91.7 | 43.7 | NA | NA | NA | NA | NA | NA |
| 6/13/2018 | 9.0 | 1.04 | 6.9 | 9.9 | 100.7 | 48.7 | NA | NA | NA | NA | NA | NA |
| 6/14/2018 | 9.5 | 0.64 | 8.1 | 10.4 | 110.1 | 54.1 | NA | NA | NA | NA | NA | NA |
| 6/15/2018 | 9.9 | 0.37 | 9.4 | 10.5 | 120.0 | 60.0 | NA | NA | NA | NA | NA | NA |
| 6/16/2018 | 10.0 | 0.37 | 9.6 | 10.7 | 130.1 | 66.1 | NA | NA | NA | NA | NA | NA |
| 6/17/2018 | 10.3 | 0.42 | 9.8 | 11.1 | 140.3 | 72.3 | NA | NA | NA | NA | NA | NA |
| 6/18/2018 | 10.6 | 0.28 | 10.1 | 11.2 | 150.9 | 78.9 | NA | NA | NA | NA | NA | NA |
| 6/19/2018 | 10.5 | 0.48 | 9.3 | 11.1 | 161.5 | 85.5 | NA | NA | NA | NA | NA | NA |
| 6/20/2018 | 10.6 | 0.47 | 9.2 | 11.1 | 172.1 | 92.1 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/21/2018 | 10.5 | 0.88 | 8.7 | 11.3 | 182.6 | 98.6 | NA | NA | NA | NA | NA | NA |
| 6/22/2018 | 10.7 | 0.98 | 9.1 | 11.7 | 193.3 | 105.3 | NA | NA | NA | NA | NA | NA |
| 6/23/2018 | 10.5 | 1.38 | 8.2 | 11.9 | 203.8 | 111.8 | NA | NA | NA | NA | NA | NA |
| 6/24/2018 | 9.6 | 1.58 | 7.0 | 12.1 | 213.3 | 117.3 | NA | NA | NA | NA | NA | NA |
| 6/25/2018 | 9.2 | 1.46 | 6.9 | 11.1 | 222.5 | 122.5 | NA | NA | NA | NA | NA | NA |
| 6/26/2018 | 10.5 | 1.18 | 8.2 | 11.8 | 233.0 | 129.0 | NA | NA | NA | NA | NA | NA |
| 6/27/2018 | 11.6 | 0.48 | 10.6 | 12.2 | 244.6 | 136.6 | NA | NA | NA | NA | NA | NA |
| 6/28/2018 | 11.9 | 0.72 | 9.9 | 12.6 | 256.5 | 144.5 | NA | NA | NA | NA | NA | NA |
| 6/29/2018 | 11.9 | 1.04 | 9.4 | 12.8 | 268.4 | 152.4 | NA | NA | NA | NA | NA | NA |
| 6/30/2018 | 11.1 | 1.39 | 8.1 | 13.2 | 279.5 | 159.5 | NA | NA | NA | NA | NA | NA |

July

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/1/2018 | 9.4 | 2.11 | 6.0 | 12.2 | 9.4 | 5.4 | NA | NA | NA | NA | NA | NA |
| 7/2/2018 | 9.4 | 1.55 | 6.8 | 12.3 | 18.8 | 10.8 | NA | NA | NA | NA | NA | NA |
| 7/3/2018 | 10.2 | 1.55 | 6.6 | 11.9 | 29.0 | 17.0 | NA | NA | NA | NA | NA | NA |
| 7/4/2018 | 8.8 | 1.25 | 6.3 | 10.4 | 37.8 | 21.8 | NA | NA | NA | NA | NA | NA |
| 7/5/2018 | 8.3 | 1.29 | 6.2 | 10.2 | 46.2 | 26.2 | NA | NA | NA | NA | NA | NA |
| 7/6/2018 | 7.3 | 1.59 | 5.6 | 10.9 | 53.4 | 29.4 | NA | NA | NA | NA | NA | NA |
| 7/7/2018 | 6.6 | 0.84 | 5.5 | 7.8 | 60.0 | 32.0 | NA | NA | NA | NA | NA | NA |
| 7/8/2018 | 6.6 | 1.26 | 4.8 | 8.6 | 66.6 | 34.6 | NA | NA | NA | NA | NA | NA |
| 7/9/2018 | 7.2 | 1.24 | 5.3 | 9.2 | 73.8 | 37.8 | NA | NA | NA | NA | NA | NA |
| 7/10/2018 | 7.4 | 1.31 | 5.6 | 9.8 | 81.2 | 41.2 | NA | NA | NA | NA | NA | NA |
| 7/11/2018 | 8.4 | 1.65 | 6.0 | 10.8 | 89.6 | 45.6 | NA | NA | NA | NA | NA | NA |
| 7/12/2018 | 10.0 | 2.32 | 6.2 | 13.1 | 99.7 | 51.7 | NA | NA | NA | NA | NA | NA |
| 7/13/2018 | 11.8 | 1.69 | 8.3 | 14.2 | 111.5 | 59.5 | NA | NA | NA | NA | NA | NA |
| 7/14/2018 | 13.2 | 1.37 | 11.1 | 15.4 | 124.6 | 68.6 | NA | NA | NA | NA | NA | NA |
| 7/15/2018 | 13.1 | 1.70 | 9.5 | 15.7 | 137.8 | 77.8 | NA | NA | NA | NA | NA | NA |
| 7/16/2018 | 13.4 | 1.84 | 9.6 | 15.9 | 151.2 | 87.2 | NA | NA | NA | NA | NA | NA |
| 7/17/2018 | 13.5 | 1.71 | 9.8 | 16.1 | 164.7 | 96.7 | NA | NA | NA | NA | NA | NA |
| 7/18/2018 | 12.2 | 1.47 | 9.7 | 13.8 | 176.9 | 104.9 | NA | NA | NA | NA | NA | NA |
| 7/19/2018 | 11.9 | 1.43 | 9.5 | 14.2 | 188.9 | 112.9 | NA | NA | NA | NA | NA | NA |
| 7/20/2018 | 11.6 | 1.64 | 9.8 | 14.4 | 200.4 | 120.4 | NA | NA | NA | NA | NA | NA |
| 7/21/2018 | 11.8 | 1.62 | 9.2 | 14.8 | 212.2 | 128.2 | NA | NA | NA | NA | NA | NA |
| 7/22/2018 | 10.2 | 1.85 | 7.0 | 12.4 | 222.4 | 134.4 | NA | NA | NA | NA | NA | NA |
| 7/23/2018 | 9.2 | 1.63 | 6.2 | 11.2 | 231.6 | 139.6 | NA | NA | NA | NA | NA | NA |
| 7/24/2018 | 8.9 | 1.65 | 6.1 | 11.1 | 240.5 | 144.5 | NA | NA | NA | NA | NA | NA |
| 7/25/2018 | 9.1 | 1.60 | 6.2 | 11.8 | 249.6 | 149.6 | NA | NA | NA | NA | NA | NA |
| 7/26/2018 | 9.2 | 1.65 | 6.5 | 12.0 | 258.8 | 154.8 | NA | NA | NA | NA | NA | NA |
| 7/27/2018 | 8.1 | 1.91 | 5.5 | 11.1 | 266.9 | 158.9 | NA | NA | NA | NA | NA | NA |
| 7/28/2018 | 7.7 | 1.89 | 5.0 | 10.4 | 274.6 | 162.6 | NA | NA | NA | NA | NA | NA |
| 7/29/2018 | 7.5 | 1.56 | 5.3 | 10.1 | 282.2 | 166.2 | NA | NA | NA | NA | NA | NA |
| 7/30/2018 | 7.5 | 1.44 | 5.3 | 10.0 | 289.7 | 169.7 | NA | NA | NA | NA | NA | NA |
| 7/31/2018 | 7.5 | 1.47 | 5.3 | 10.0 | 297.2 | 173.2 | NA | NA | NA | NA | NA | NA |

August

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/1/2018 | 8.6 | 1.23 | 6.1 | 9.9 | 8.6 | 4.6 | NA | NA | NA | NA | NA | NA |
| 8/2/2018 | 8.8 | 0.94 | 7.0 | 9.8 | 17.4 | 9.4 | NA | NA | NA | NA | NA | NA |
| 8/3/2018 | 7.8 | 1.31 | 5.7 | 9.5 | 25.2 | 13.2 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/4/2018 | 8.0 | 1.36 | 5.9 | 9.9 | 33.2 | 17.2 | NA | NA | NA | NA | NA | NA |
| 8/5/2018 | 8.0 | 1.22 | 6.1 | 9.7 | 41.3 | 21.3 | NA | NA | NA | NA | NA | NA |
| 8/6/2018 | 8.2 | 1.37 | 6.2 | 10.3 | 49.5 | 25.5 | NA | NA | NA | NA | NA | NA |
| 8/7/2018 | 9.1 | 1.22 | 6.9 | 10.8 | 58.6 | 30.6 | NA | NA | NA | NA | NA | NA |
| 8/8/2018 | 9.5 | 1.56 | 6.7 | 11.4 | 68.0 | 36.0 | NA | NA | NA | NA | NA | NA |
| 8/9/2018 | 10.5 | 1.71 | 7.5 | 12.9 | 78.5 | 42.5 | NA | NA | NA | NA | NA | NA |
| 8/10/2018 | 10.1 | 1.88 | 7.5 | 13.0 | 88.6 | 48.6 | NA | NA | NA | NA | NA | NA |
| 8/11/2018 | 12.3 | 2.17 | 8.8 | 14.8 | 100.9 | 56.9 | NA | NA | NA | NA | NA | NA |
| 8/12/2018 | 13.6 | 1.87 | 9.7 | 16.4 | 114.5 | 66.5 | NA | NA | NA | NA | NA | NA |
| 8/13/2018 | 14.5 | 1.89 | 10.5 | 16.9 | 128.9 | 76.9 | NA | NA | NA | NA | NA | NA |
| 8/14/2018 | 14.8 | 1.97 | 11.0 | 17.5 | 143.7 | 87.7 | NA | NA | NA | NA | NA | NA |
| 8/15/2018 | 14.5 | 1.55 | 10.9 | 16.2 | 158.2 | 98.2 | NA | NA | NA | NA | NA | NA |
| 8/16/2018 | 12.5 | 2.18 | 8.3 | 14.8 | 170.7 | 106.7 | NA | NA | NA | NA | NA | NA |
| 8/17/2018 | 12.8 | 1.67 | 10.2 | 15.4 | 183.6 | 115.6 | NA | NA | NA | NA | NA | NA |
| 8/18/2018 | 13.4 | 1.31 | 11.3 | 15.4 | 196.9 | 124.9 | NA | NA | NA | NA | NA | NA |
| 8/19/2018 | 12.9 | 1.75 | 9.5 | 15.7 | 209.8 | 133.8 | NA | NA | NA | NA | NA | NA |
| 8/20/2018 | 14.6 | 1.67 | 10.8 | 16.7 | 224.4 | 144.4 | NA | NA | NA | NA | NA | NA |
| 8/21/2018 | 14.3 | 1.92 | 10.2 | 17.0 | 238.7 | 154.7 | NA | NA | NA | NA | NA | NA |
| 8/22/2018 | 12.3 | 2.18 | 8.5 | 15.4 | 251.0 | 163.0 | NA | NA | NA | NA | NA | NA |
| 8/23/2018 | 10.3 | 1.61 | 8.4 | 12.3 | 261.3 | 169.3 | NA | NA | NA | NA | NA | NA |
| 8/24/2018 | 9.9 | 1.62 | 7.9 | 12.8 | 271.2 | 175.2 | NA | NA | NA | NA | NA | NA |
| 8/25/2018 | 9.1 | 1.77 | 6.6 | 12.2 | 280.3 | 180.3 | NA | NA | NA | NA | NA | NA |
| 8/26/2018 | 9.2 | 1.84 | 6.4 | 12.2 | 289.5 | 185.5 | NA | NA | NA | NA | NA | NA |
| 8/27/2018 | 9.7 | 1.82 | 7.0 | 12.4 | 299.2 | 191.2 | NA | NA | NA | NA | NA | NA |
| 8/28/2018 | 10.6 | 1.73 | 7.6 | 12.9 | 309.8 | 197.8 | NA | NA | NA | NA | NA | NA |
| 8/29/2018 | 10.6 | 1.95 | 6.9 | 13.0 | 320.4 | 204.4 | NA | NA | NA | NA | NA | NA |
| 8/30/2018 | 11.2 | 1.93 | 8.0 | 14.1 | 331.6 | 211.6 | NA | NA | NA | NA | NA | NA |
| 8/31/2018 | 12.5 | 1.45 | 9.9 | 14.9 | 344.1 | 220.1 | NA | NA | NA | NA | NA | NA |

September

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/1/2018 | 13.7 | 1.13 | 11.6 | 15.4 | 13.7 | 9.7 | NA | NA | NA | NA | NA | NA |
| 9/2/2018 | 14.4 | 1.25 | 12.7 | 16.2 | 28.1 | 20.1 | NA | NA | NA | NA | NA | NA |
| 9/3/2018 | 12.7 | 1.85 | 9.7 | 15.4 | 40.7 | 28.7 | NA | NA | NA | NA | NA | NA |
| 9/4/2018 | 10.7 | 2.22 | 7.9 | 14.1 | 51.4 | 35.4 | NA | NA | NA | NA | NA | NA |
| 9/5/2018 | 9.1 | 2.20 | 6.2 | 12.9 | 60.6 | 40.6 | NA | NA | NA | NA | NA | NA |
| 9/6/2018 | 9.9 | 1.74 | 7.2 | 12.8 | 70.4 | 46.4 | NA | NA | NA | NA | NA | NA |
| 9/7/2018 | 11.9 | 2.40 | 8.0 | 15.5 | 82.4 | 54.4 | NA | NA | NA | NA | NA | NA |
| 9/8/2018 | 11.4 | 2.39 | 7.7 | 14.6 | 93.8 | 61.8 | NA | NA | NA | NA | NA | NA |
| 9/9/2018 | 13.4 | 1.68 | 10.2 | 15.3 | 107.2 | 71.2 | NA | NA | NA | NA | NA | NA |
| 9/10/2018 | 15.3 | 0.35 | 14.8 | 15.8 | 122.4 | 82.4 | NA | NA | NA | NA | NA | NA |
| 9/11/2018 | 15.6 | 0.36 | 15.1 | 16.3 | 138.0 | 94.0 | NA | NA | NA | NA | NA | NA |
| 9/12/2018 | 15.8 | 0.46 | 15.0 | 16.5 | 153.8 | 105.8 | NA | NA | NA | NA | NA | NA |
| 9/13/2018 | 15.9 | 0.80 | 14.3 | 16.7 | 169.7 | 117.7 | NA | NA | NA | NA | NA | NA |
| 9/14/2018 | 15.5 | 1.44 | 12.6 | 16.8 | 185.2 | 129.2 | NA | NA | NA | NA | NA | NA |
| 9/15/2018 | 15.1 | 1.69 | 12.0 | 17.2 | 200.3 | 140.3 | NA | NA | NA | NA | NA | NA |
| 9/16/2018 | 12.6 | 2.25 | 8.6 | 15.7 | 212.9 | 148.9 | NA | NA | NA | NA | NA | NA |
| 9/17/2018 | 11.6 | 2.17 | 8.7 | 15.7 | 224.5 | 156.5 | NA | NA | NA | NA | NA | NA |
| 9/18/2018 | 7.7 | 0.76 | 6.8 | 9.1 | 232.2 | 160.2 | NA | NA | NA | NA | NA | NA |
| 9/19/2018 | 8.8 | 1.26 | 7.5 | 10.8 | 241.1 | 165.1 | NA | NA | NA | NA | NA | NA |
| 9/20/2018 | 11.5 | 1.54 | 9.7 | 14.0 | 252.6 | 172.6 | NA | NA | NA | NA | NA | NA |
| 9/21/2018 | 13.1 | 1.29 | 11.4 | 14.9 | 265.7 | 181.7 | NA | NA | NA | NA | NA | NA |
| 9/22/2018 | 15.0 | 0.43 | 14.3 | 15.6 | 280.7 | 192.7 | NA | NA | NA | NA | NA | NA |
| 9/23/2018 | 14.5 | 0.89 | 12.6 | 15.1 | 295.2 | 203.2 | NA | NA | NA | NA | NA | NA |
| 9/24/2018 | 14.5 | 0.44 | 13.3 | 14.9 | 309.7 | 213.7 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/25/2018 | 14.4 | 0.27 | 13.9 | 14.7 | 324.1 | 224.1 | NA | NA | NA | NA | NA | NA |
| 9/26/2018 | 14.7 | 0.23 | 14.2 | 15.0 | 338.8 | 234.8 | NA | NA | NA | NA | NA | NA |
| 9/27/2018 | 14.6 | 0.43 | 13.7 | 15.0 | 353.4 | 245.4 | NA | NA | NA | NA | NA | NA |
| 9/28/2018 | 14.6 | 0.42 | 13.5 | 15.0 | 368.0 | 256.0 | NA | NA | NA | NA | NA | NA |
| 9/29/2018 | 14.0 | 0.89 | 12.2 | 15.0 | 382.0 | 266.0 | NA | NA | NA | NA | NA | NA |
| 9/30/2018 | 14.1 | 0.71 | 12.3 | 14.8 | 396.1 | 276.1 | NA | NA | NA | NA | NA | NA |

October

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/1/2018 | 14.0 | 0.49 | 13.3 | 14.8 | 14.0 | 10.0 | NA | NA | NA | NA | NA | NA |
| 10/2/2018 | 13.7 | 0.70 | 12.9 | 14.7 | 27.7 | 19.7 | NA | NA | NA | NA | NA | NA |
| 10/3/2018 | 13.8 | 0.90 | 11.7 | 14.6 | 41.5 | 29.5 | NA | NA | NA | NA | NA | NA |
| 10/4/2018 | 14.0 | 0.38 | 13.5 | 14.6 | 55.5 | 39.5 | NA | NA | NA | NA | NA | NA |
| 10/5/2018 | 13.7 | 0.80 | 11.8 | 14.5 | 69.1 | 49.1 | NA | NA | NA | NA | NA | NA |
| 10/6/2018 | 13.4 | 0.59 | 12.1 | 14.0 | 82.5 | 58.5 | NA | NA | NA | NA | NA | NA |
| 10/7/2018 | 13.2 | 0.38 | 12.7 | 13.7 | 95.7 | 67.7 | NA | NA | NA | NA | NA | NA |
| 10/8/2018 | 13.2 | 0.33 | 12.6 | 13.7 | 108.9 | 76.9 | NA | NA | NA | NA | NA | NA |
| 10/9/2018 | 13.3 | 0.30 | 12.9 | 13.8 | 122.2 | 86.2 | NA | NA | NA | NA | NA | NA |
| 10/10/2018 | 13.2 | 0.27 | 12.8 | 13.6 | 135.4 | 95.4 | NA | NA | NA | NA | NA | NA |
| 10/11/2018 | 13.1 | 0.27 | 12.8 | 13.6 | 148.5 | 104.5 | NA | NA | NA | NA | NA | NA |
| 10/12/2018 | 12.9 | 0.29 | 12.5 | 13.4 | 161.4 | 113.4 | NA | NA | NA | NA | NA | NA |
| 10/13/2018 | 12.8 | 0.20 | 12.5 | 13.1 | 174.2 | 122.2 | NA | NA | NA | NA | NA | NA |
| 10/14/2018 | 12.0 | 0.33 | 11.6 | 12.5 | 186.1 | 130.1 | NA | NA | NA | NA | NA | NA |
| 10/15/2018 | 11.6 | 0.13 | 11.4 | 11.8 | 197.7 | 137.7 | NA | NA | NA | NA | NA | NA |
| 10/16/2018 | 11.4 | 0.33 | 11.0 | 12.0 | 209.1 | 145.1 | NA | NA | NA | NA | NA | NA |
| 10/17/2018 | 10.9 | 0.04 | 10.8 | 11.0 | 220.0 | 152.0 | NA | NA | NA | NA | NA | NA |
| 10/18/2018 | 10.6 | 0.29 | 9.9 | 10.9 | 230.6 | 158.6 | NA | NA | NA | NA | NA | NA |
| 10/19/2018 | 9.7 | 0.07 | 9.6 | 9.9 | 240.3 | 164.3 | NA | NA | NA | NA | NA | NA |
| 10/20/2018 | 9.7 | 0.05 | 9.6 | 9.7 | 250.0 | 170.0 | NA | NA | NA | NA | NA | NA |
| 10/21/2018 | 9.6 | 0.06 | 9.5 | 9.7 | 259.7 | 175.7 | NA | NA | NA | NA | NA | NA |
| 10/22/2018 | 9.4 | 0.14 | 9.1 | 9.6 | 269.1 | 181.1 | NA | NA | NA | NA | NA | NA |
| 10/23/2018 | 9.1 | 0.09 | 9.0 | 9.2 | 278.2 | 186.2 | NA | NA | NA | NA | NA | NA |
| 10/24/2018 | 9.0 | 0.05 | 8.9 | 9.1 | 287.2 | 191.2 | NA | NA | NA | NA | NA | NA |
| 10/25/2018 | 8.7 | 0.13 | 8.5 | 8.9 | 295.9 | 195.9 | NA | NA | NA | NA | NA | NA |
| 10/26/2018 | 8.3 | 0.13 | 8.0 | 8.4 | 304.2 | 200.2 | NA | NA | NA | NA | NA | NA |
| 10/27/2018 | 8.0 | 0.08 | 7.9 | 8.2 | 312.2 | 204.2 | NA | NA | NA | NA | NA | NA |
| 10/28/2018 | 7.8 | 0.10 | 7.7 | 8.0 | 320.0 | 208.0 | NA | NA | NA | NA | NA | NA |
| 10/29/2018 | 7.9 | 0.06 | 7.8 | 8.0 | 327.9 | 211.9 | NA | NA | NA | NA | NA | NA |
| 10/30/2018 | 7.9 | 0.04 | 7.9 | 8.0 | 335.8 | 215.8 | NA | NA | NA | NA | NA | NA |
| 10/31/2018 | 7.9 | 0.04 | 7.8 | 7.9 | 343.7 | 219.7 | NA | NA | NA | NA | NA | NA |

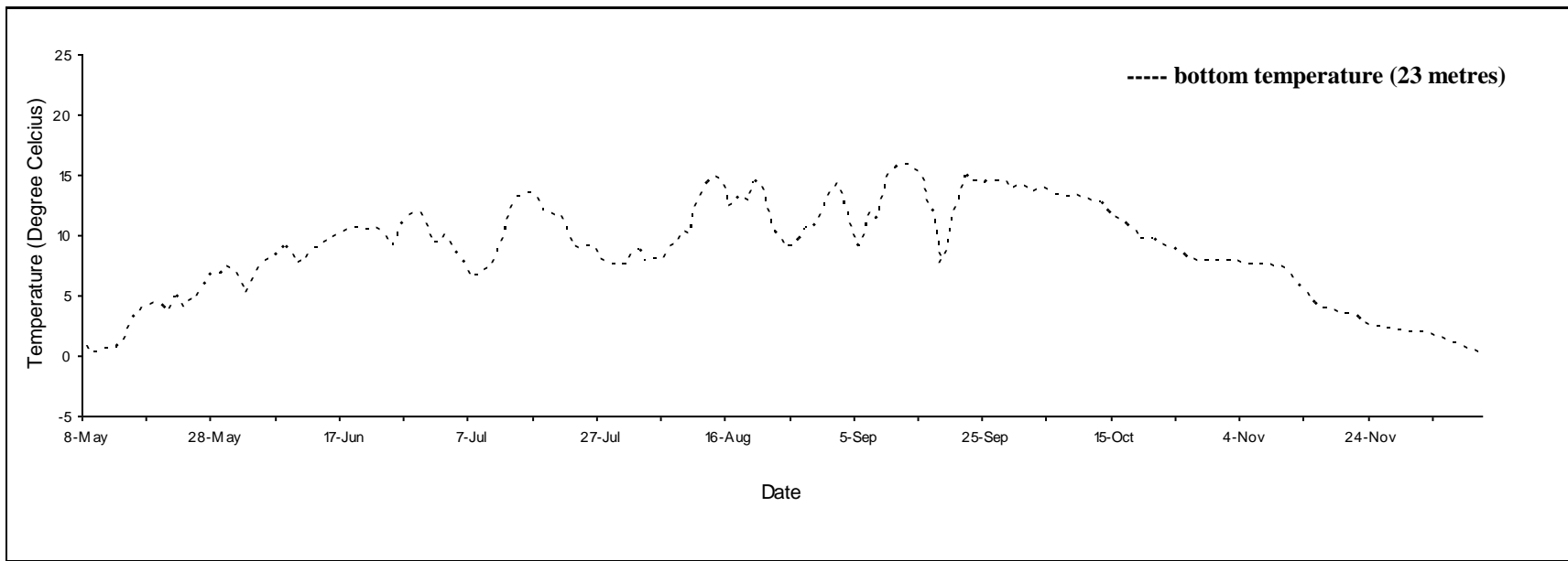
November

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 11/1/2018 | 7.9 | 0.03 | 7.8 | 7.9 | 7.9 | 3.9 | NA | NA | NA | NA | NA | NA |
| 11/2/2018 | 7.8 | 0.05 | 7.7 | 7.9 | 15.7 | 7.7 | NA | NA | NA | NA | NA | NA |
| 11/3/2018 | 7.8 | 0.06 | 7.7 | 7.9 | 23.5 | 11.5 | NA | NA | NA | NA | NA | NA |
| 11/4/2018 | 7.8 | 0.06 | 7.7 | 7.9 | 31.3 | 15.3 | NA | NA | NA | NA | NA | NA |
| 11/5/2018 | 7.5 | 0.10 | 7.4 | 7.7 | 38.8 | 18.8 | NA | NA | NA | NA | NA | NA |
| 11/6/2018 | 7.5 | 0.06 | 7.4 | 7.6 | 46.3 | 22.3 | NA | NA | NA | NA | NA | NA |
| 11/7/2018 | 7.6 | 0.04 | 7.5 | 7.6 | 53.9 | 25.9 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 11/8/2018 | 7.6 | 0.02 | 7.6 | 7.6 | 61.5 | 29.5 | NA | NA | NA | NA | NA | NA |
| 11/9/2018 | 7.5 | 0.05 | 7.4 | 7.6 | 69.0 | 33.0 | NA | NA | NA | NA | NA | NA |
| 11/10/2018 | 7.4 | 0.09 | 7.3 | 7.5 | 76.4 | 36.4 | NA | NA | NA | NA | NA | NA |
| 11/11/2018 | 7.1 | 0.21 | 6.6 | 7.3 | 83.5 | 39.5 | NA | NA | NA | NA | NA | NA |
| 11/12/2018 | 6.2 | 0.23 | 5.8 | 6.5 | 89.7 | 41.7 | NA | NA | NA | NA | NA | NA |
| 11/13/2018 | 5.7 | 0.10 | 5.5 | 5.8 | 95.4 | 43.4 | NA | NA | NA | NA | NA | NA |
| 11/14/2018 | 5.4 | 0.23 | 4.9 | 5.7 | 100.7 | 44.7 | NA | NA | NA | NA | NA | NA |
| 11/15/2018 | 4.3 | 0.16 | 4.2 | 4.7 | 105.1 | 45.1 | NA | NA | NA | NA | NA | NA |
| 11/16/2018 | 4.1 | 0.04 | 4.1 | 4.2 | 109.2 | 45.2 | NA | NA | NA | NA | NA | NA |
| 11/17/2018 | 4.0 | 0.04 | 3.9 | 4.1 | 113.1 | 45.2 | NA | NA | NA | NA | NA | NA |
| 11/18/2018 | 3.8 | 0.09 | 3.7 | 3.9 | 116.9 | 45.2 | NA | NA | NA | NA | NA | NA |
| 11/19/2018 | 3.6 | 0.08 | 3.5 | 3.8 | 120.5 | 45.2 | NA | NA | NA | NA | NA | NA |
| 11/20/2018 | 3.5 | 0.07 | 3.4 | 3.7 | 124.1 | 45.2 | NA | NA | NA | NA | NA | NA |
| 11/21/2018 | 3.4 | 0.10 | 3.3 | 3.6 | 127.5 | 45.2 | NA | NA | NA | NA | NA | NA |
| 11/22/2018 | 3.1 | 0.18 | 2.9 | 3.4 | 130.6 | 45.2 | NA | NA | NA | NA | NA | NA |
| 11/23/2018 | 2.7 | 0.06 | 2.6 | 2.9 | 133.3 | 45.2 | NA | NA | NA | NA | NA | NA |
| 11/24/2018 | 2.5 | 0.05 | 2.5 | 2.6 | 135.9 | 45.2 | NA | NA | NA | NA | NA | NA |
| 11/25/2018 | 2.4 | 0.07 | 2.3 | 2.6 | 138.3 | 45.2 | NA | NA | NA | NA | NA | NA |
| 11/26/2018 | 2.3 | 0.02 | 2.3 | 2.4 | 140.6 | 45.2 | NA | NA | NA | NA | NA | NA |
| 11/27/2018 | 2.3 | 0.05 | 2.2 | 2.4 | 143.0 | 45.2 | NA | NA | NA | NA | NA | NA |
| 11/28/2018 | 2.2 | 0.16 | 1.7 | 2.3 | 145.1 | 45.2 | NA | NA | NA | NA | NA | NA |
| 11/29/2018 | 2.1 | 0.07 | 2.1 | 2.3 | 147.3 | 45.2 | NA | NA | NA | NA | NA | NA |
| 11/30/2018 | 2.0 | 0.08 | 1.9 | 2.2 | 149.3 | 45.2 | NA | NA | NA | NA | NA | NA |

December

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 12/1/2018 | 2.0 | 0.05 | 1.9 | 2.0 | 2.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/2/2018 | 1.9 | 0.06 | 1.8 | 2.0 | 3.9 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/3/2018 | 1.8 | 0.05 | 1.8 | 1.9 | 5.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/4/2018 | 1.7 | 0.09 | 1.6 | 1.9 | 7.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/5/2018 | 1.5 | 0.06 | 1.4 | 1.6 | 8.9 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/6/2018 | 1.3 | 0.05 | 1.2 | 1.4 | 10.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/7/2018 | 1.1 | 0.07 | 1.0 | 1.2 | 11.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/8/2018 | 0.9 | 0.12 | 0.7 | 1.0 | 12.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/9/2018 | 0.6 | 0.07 | 0.4 | 0.7 | 12.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/10/2018 | 0.4 | 0.12 | 0.2 | 0.7 | 13.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/11/2018 | 0.3 | 0.14 | 0.2 | 0.6 | 13.4 | 0.0 | NA | NA | NA | NA | NA | NA |



Daily mean temperature for West Point, P.E.I., 2018.

Appendix B

Alberton, P.E.I.

2019

July

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/9/2019 | 15.6 | 0.88 | 14.6 | 16.8 | 15.6 | 11.6 | NA | NA | NA | NA | NA | NA |
| 7/10/2019 | 17.0 | 0.26 | 16.4 | 17.3 | 32.6 | 24.6 | NA | NA | NA | NA | NA | NA |
| 7/11/2019 | 17.1 | 0.09 | 16.9 | 17.3 | 49.7 | 37.7 | NA | NA | NA | NA | NA | NA |
| 7/12/2019 | 15.2 | 0.94 | 13.8 | 16.8 | 64.9 | 48.9 | NA | NA | NA | NA | NA | NA |
| 7/13/2019 | 12.5 | 0.67 | 12.0 | 14.0 | 77.4 | 57.4 | NA | NA | NA | NA | NA | NA |
| 7/14/2019 | 12.4 | 0.32 | 12.0 | 12.9 | 89.8 | 65.8 | NA | NA | NA | NA | NA | NA |
| 7/15/2019 | 14.1 | 0.33 | 13.3 | 14.5 | 103.8 | 75.8 | NA | NA | NA | NA | NA | NA |
| 7/16/2019 | 14.9 | 0.80 | 13.9 | 16.0 | 118.8 | 86.8 | NA | NA | NA | NA | NA | NA |
| 7/17/2019 | 14.8 | 0.85 | 13.0 | 15.9 | 133.6 | 97.6 | NA | NA | NA | NA | NA | NA |
| 7/18/2019 | 14.8 | 0.98 | 13.0 | 16.3 | 148.4 | 108.4 | NA | NA | NA | NA | NA | NA |
| 7/19/2019 | 16.3 | 0.30 | 15.9 | 16.9 | 164.7 | 120.7 | NA | NA | NA | NA | NA | NA |
| 7/20/2019 | 15.4 | 0.88 | 14.1 | 16.4 | 180.1 | 132.1 | NA | NA | NA | NA | NA | NA |
| 7/21/2019 | 16.9 | 0.33 | 16.3 | 17.4 | 197.0 | 145.0 | NA | NA | NA | NA | NA | NA |
| 7/22/2019 | 16.6 | 0.81 | 15.0 | 17.5 | 213.7 | 157.7 | NA | NA | NA | NA | NA | NA |
| 7/23/2019 | 16.2 | 0.73 | 14.8 | 17.4 | 229.8 | 169.8 | NA | NA | NA | NA | NA | NA |
| 7/24/2019 | 15.9 | 0.64 | 14.7 | 16.6 | 245.7 | 181.7 | NA | NA | NA | NA | NA | NA |
| 7/25/2019 | 16.9 | 0.57 | 16.0 | 17.9 | 262.7 | 194.7 | NA | NA | NA | NA | NA | NA |
| 7/26/2019 | 16.2 | 0.51 | 15.5 | 17.0 | 278.9 | 206.9 | NA | NA | NA | NA | NA | NA |
| 7/27/2019 | 14.6 | 0.59 | 13.5 | 15.8 | 293.5 | 217.5 | NA | NA | NA | NA | NA | NA |
| 7/28/2019 | 13.3 | 0.27 | 13.0 | 13.8 | 306.8 | 226.8 | NA | NA | NA | NA | NA | NA |
| 7/29/2019 | 14.1 | 0.57 | 13.4 | 14.8 | 320.9 | 236.9 | NA | NA | NA | NA | NA | NA |
| 7/30/2019 | 16.5 | 0.91 | 15.1 | 17.6 | 337.4 | 249.4 | NA | NA | NA | NA | NA | NA |
| 7/31/2019 | 17.3 | 0.36 | 16.9 | 18.3 | 354.7 | 262.7 | NA | NA | NA | NA | NA | NA |

August

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/1/2019 | 17.5 | 1.20 | 16.5 | 19.9 | 17.5 | 13.5 | NA | NA | NA | NA | NA | NA |
| 8/2/2019 | 19.2 | 0.99 | 17.7 | 20.7 | 36.8 | 28.8 | NA | NA | NA | NA | NA | NA |
| 8/3/2019 | 17.6 | 1.01 | 16.0 | 19.1 | 54.3 | 42.3 | NA | NA | NA | NA | NA | NA |
| 8/4/2019 | 16.2 | 1.06 | 14.7 | 18.0 | 70.6 | 54.6 | NA | NA | NA | NA | NA | NA |
| 8/5/2019 | 19.6 | 1.80 | 16.8 | 21.1 | 90.1 | 70.1 | NA | NA | NA | NA | NA | NA |
| 8/6/2019 | 19.8 | 1.06 | 17.5 | 21.0 | 109.9 | 85.9 | NA | NA | NA | NA | NA | NA |
| 8/7/2019 | 15.8 | 0.60 | 14.9 | 17.2 | 125.7 | 97.7 | NA | NA | NA | NA | NA | NA |
| 8/8/2019 | 13.6 | 0.72 | 12.6 | 14.6 | 139.3 | 107.3 | NA | NA | NA | NA | NA | NA |
| 8/9/2019 | 12.3 | 0.20 | 11.9 | 12.6 | 151.6 | 115.6 | NA | NA | NA | NA | NA | NA |
| 8/10/2019 | 13.0 | 1.50 | 11.4 | 15.5 | 164.6 | 124.6 | NA | NA | NA | NA | NA | NA |
| 8/11/2019 | 16.2 | 0.41 | 15.7 | 17.1 | 180.8 | 136.8 | NA | NA | NA | NA | NA | NA |
| 8/12/2019 | 17.4 | 0.15 | 17.3 | 17.7 | 198.2 | 150.2 | NA | NA | NA | NA | NA | NA |
| 8/13/2019 | 17.6 | 0.28 | 17.3 | 18.2 | 215.8 | 163.8 | NA | NA | NA | NA | NA | NA |
| 8/14/2019 | 18.3 | 0.39 | 17.8 | 18.9 | 234.1 | 178.1 | NA | NA | NA | NA | NA | NA |
| 8/15/2019 | 17.6 | 0.34 | 17.1 | 18.0 | 251.7 | 191.7 | NA | NA | NA | NA | NA | NA |
| 8/16/2019 | 17.2 | 0.37 | 16.8 | 18.0 | 268.9 | 204.9 | NA | NA | NA | NA | NA | NA |
| 8/17/2019 | 15.5 | 0.79 | 14.3 | 16.6 | 284.4 | 216.4 | NA | NA | NA | NA | NA | NA |
| 8/18/2019 | 15.3 | 0.43 | 14.7 | 16.0 | 299.7 | 227.7 | NA | NA | NA | NA | NA | NA |
| 8/19/2019 | 15.3 | 0.71 | 14.2 | 16.4 | 315.0 | 239.0 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/20/2019 | 16.7 | 1.14 | 15.4 | 18.5 | 331.7 | 251.7 | NA | NA | NA | NA | NA | NA |
| 8/21/2019 | 17.3 | 0.48 | 16.4 | 17.8 | 348.9 | 264.9 | NA | NA | NA | NA | NA | NA |
| 8/22/2019 | 15.6 | 0.51 | 15.1 | 16.6 | 364.5 | 276.5 | NA | NA | NA | NA | NA | NA |
| 8/23/2019 | 16.1 | 0.32 | 15.5 | 16.7 | 380.6 | 288.6 | NA | NA | NA | NA | NA | NA |
| 8/24/2019 | 18.6 | 1.08 | 16.8 | 19.6 | 399.2 | 303.2 | NA | NA | NA | NA | NA | NA |
| 8/25/2019 | 18.5 | 0.18 | 18.3 | 18.8 | 417.7 | 317.7 | NA | NA | NA | NA | NA | NA |
| 8/26/2019 | 18.3 | 0.26 | 17.9 | 18.7 | 436.0 | 332.0 | NA | NA | NA | NA | NA | NA |
| 8/27/2019 | 17.9 | 0.73 | 17.0 | 18.8 | 453.9 | 345.9 | NA | NA | NA | NA | NA | NA |
| 8/28/2019 | 18.6 | 0.20 | 18.3 | 18.8 | 472.5 | 360.5 | NA | NA | NA | NA | NA | NA |
| 8/29/2019 | 17.8 | 0.80 | 16.4 | 18.6 | 490.3 | 374.3 | NA | NA | NA | NA | NA | NA |
| 8/30/2019 | 15.5 | 0.94 | 13.8 | 16.5 | 505.7 | 385.7 | NA | NA | NA | NA | NA | NA |
| 8/31/2019 | 15.7 | 1.44 | 13.1 | 17.0 | 521.4 | 397.4 | NA | NA | NA | NA | NA | NA |

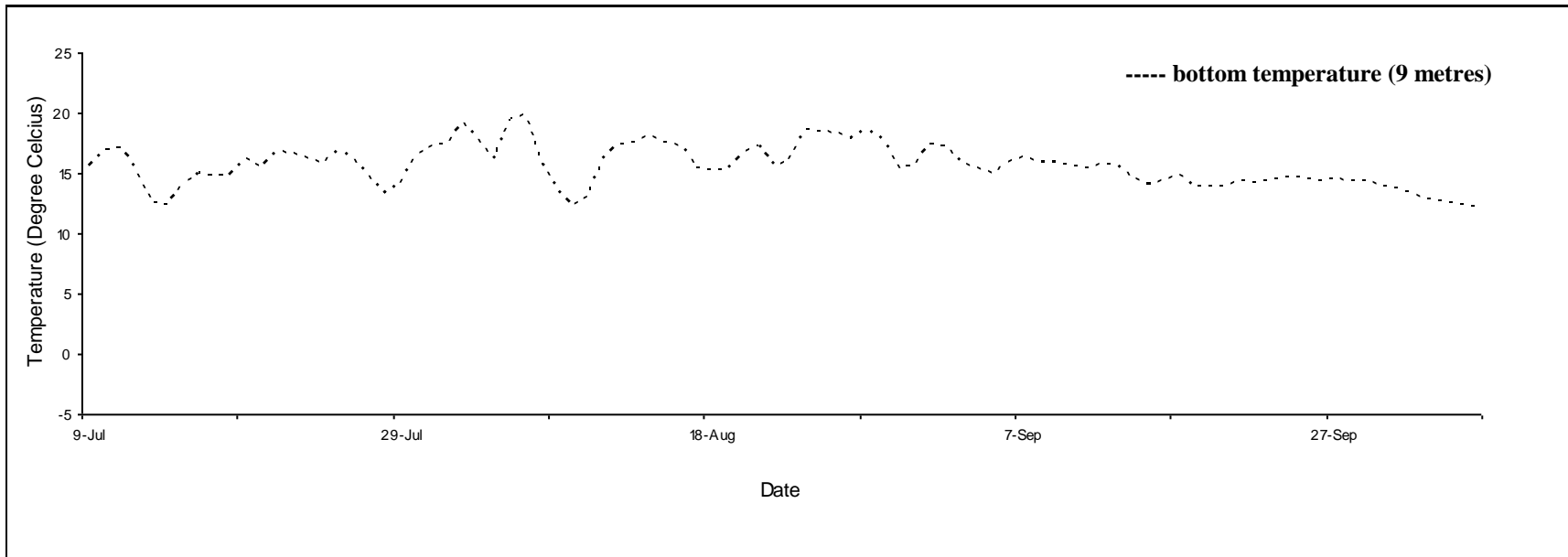
September

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/1/2019 | 17.4 | 1.04 | 15.7 | 18.4 | 17.4 | 13.4 | NA | NA | NA | NA | NA | NA |
| 9/2/2019 | 17.3 | 0.50 | 16.6 | 17.8 | 34.7 | 26.7 | NA | NA | NA | NA | NA | NA |
| 9/3/2019 | 15.8 | 0.70 | 14.8 | 17.1 | 50.5 | 38.5 | NA | NA | NA | NA | NA | NA |
| 9/4/2019 | 15.5 | 0.43 | 14.8 | 16.0 | 66.0 | 50.0 | NA | NA | NA | NA | NA | NA |
| 9/5/2019 | 15.0 | 0.86 | 13.7 | 15.9 | 81.0 | 61.0 | NA | NA | NA | NA | NA | NA |
| 9/6/2019 | 15.9 | 1.22 | 13.3 | 16.9 | 97.0 | 73.0 | NA | NA | NA | NA | NA | NA |
| 9/7/2019 | 16.4 | 0.28 | 16.0 | 16.7 | 113.4 | 85.4 | NA | NA | NA | NA | NA | NA |
| 9/8/2019 | 15.8 | 0.36 | 15.3 | 16.6 | 129.2 | 97.2 | NA | NA | NA | NA | NA | NA |
| 9/9/2019 | 15.9 | 0.11 | 15.6 | 16.0 | 145.1 | 109.1 | NA | NA | NA | NA | NA | NA |
| 9/10/2019 | 15.7 | 0.09 | 15.6 | 15.9 | 160.9 | 120.9 | NA | NA | NA | NA | NA | NA |
| 9/11/2019 | 15.5 | 0.23 | 15.2 | 15.8 | 176.4 | 132.4 | NA | NA | NA | NA | NA | NA |
| 9/12/2019 | 15.7 | 0.15 | 15.4 | 15.8 | 192.1 | 144.1 | NA | NA | NA | NA | NA | NA |
| 9/13/2019 | 15.7 | 0.04 | 15.7 | 15.8 | 207.8 | 155.8 | NA | NA | NA | NA | NA | NA |
| 9/14/2019 | 14.7 | 0.40 | 14.1 | 15.5 | 222.5 | 166.5 | NA | NA | NA | NA | NA | NA |
| 9/15/2019 | 14.1 | 0.06 | 14.0 | 14.2 | 236.6 | 176.6 | NA | NA | NA | NA | NA | NA |
| 9/16/2019 | 14.5 | 0.36 | 14.1 | 15.3 | 251.0 | 187.0 | NA | NA | NA | NA | NA | NA |
| 9/17/2019 | 14.8 | 0.44 | 14.0 | 15.3 | 265.8 | 197.8 | NA | NA | NA | NA | NA | NA |
| 9/18/2019 | 14.0 | 0.09 | 13.8 | 14.1 | 279.8 | 207.8 | NA | NA | NA | NA | NA | NA |
| 9/19/2019 | 13.9 | 0.05 | 13.8 | 13.9 | 293.7 | 217.7 | NA | NA | NA | NA | NA | NA |
| 9/20/2019 | 13.9 | 0.02 | 13.8 | 13.9 | 307.6 | 227.6 | NA | NA | NA | NA | NA | NA |
| 9/21/2019 | 14.3 | 0.28 | 13.9 | 14.6 | 321.9 | 237.9 | NA | NA | NA | NA | NA | NA |
| 9/22/2019 | 14.3 | 0.07 | 14.2 | 14.4 | 336.2 | 248.2 | NA | NA | NA | NA | NA | NA |
| 9/23/2019 | 14.5 | 0.07 | 14.3 | 14.6 | 350.7 | 258.7 | NA | NA | NA | NA | NA | NA |
| 9/24/2019 | 14.6 | 0.08 | 14.5 | 14.7 | 365.3 | 269.3 | NA | NA | NA | NA | NA | NA |
| 9/25/2019 | 14.6 | 0.08 | 14.4 | 14.7 | 379.9 | 279.9 | NA | NA | NA | NA | NA | NA |
| 9/26/2019 | 14.4 | 0.02 | 14.4 | 14.4 | 394.3 | 290.3 | NA | NA | NA | NA | NA | NA |
| 9/27/2019 | 14.5 | 0.06 | 14.4 | 14.6 | 408.8 | 300.8 | NA | NA | NA | NA | NA | NA |
| 9/28/2019 | 14.4 | 0.06 | 14.3 | 14.5 | 423.2 | 311.2 | NA | NA | NA | NA | NA | NA |
| 9/29/2019 | 14.3 | 0.15 | 14.1 | 14.5 | 437.5 | 321.5 | NA | NA | NA | NA | NA | NA |
| 9/30/2019 | 14.0 | 0.14 | 13.9 | 14.3 | 451.5 | 331.5 | NA | NA | NA | NA | NA | NA |

October

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/1/2019 | 13.9 | 0.17 | 13.5 | 14.0 | 13.9 | 9.9 | NA | NA | NA | NA | NA | NA |
| 10/2/2019 | 13.3 | 0.13 | 13.2 | 13.6 | 27.2 | 19.2 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/3/2019 | 12.9 | 0.13 | 12.7 | 13.1 | 40.1 | 28.1 | NA | NA | NA | NA | NA | NA |
| 10/4/2019 | 12.7 | 0.16 | 12.4 | 12.8 | 52.8 | 36.8 | NA | NA | NA | NA | NA | NA |
| 10/5/2019 | 12.4 | 0.10 | 12.2 | 12.6 | 65.1 | 45.1 | NA | NA | NA | NA | NA | NA |
| 10/6/2019 | 12.2 | 0.13 | 12.0 | 12.4 | 77.3 | 53.3 | NA | NA | NA | NA | NA | NA |



Daily mean temperature for Alberton, P.E.I., 2019.

Anse Bleue 1, N.B.

2019

January

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 1/1/2019 | -1.6 | 0.05 | -1.7 | -1.5 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/2/2019 | -1.7 | 0.02 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/3/2019 | -1.6 | 0.04 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/4/2019 | -1.6 | 0.01 | -1.6 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/5/2019 | -1.6 | 0.01 | -1.6 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/6/2019 | -1.6 | 0.01 | -1.6 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/7/2019 | -1.6 | 0.01 | -1.6 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/8/2019 | -1.6 | 0.01 | -1.6 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/9/2019 | -1.7 | 0.02 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/10/2019 | -1.4 | 0.48 | -1.7 | -0.1 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/11/2019 | -1.6 | 0.03 | -1.6 | -1.5 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/12/2019 | -1.7 | 0.01 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/13/2019 | -1.7 | 0.01 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/14/2019 | -1.7 | 0.01 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/15/2019 | -1.7 | 0.01 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/16/2019 | -1.7 | 0.00 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/17/2019 | -1.7 | 0.01 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/18/2019 | -1.7 | 0.01 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/19/2019 | -1.7 | 0.02 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/20/2019 | -1.7 | 0.05 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/21/2019 | -1.6 | 0.16 | -1.7 | -1.1 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/22/2019 | -1.6 | 0.02 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/23/2019 | -1.6 | 0.01 | -1.6 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/24/2019 | -1.6 | 0.01 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/25/2019 | -1.6 | 0.01 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/26/2019 | -1.7 | 0.01 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/27/2019 | -1.7 | 0.01 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/28/2019 | -1.7 | 0.02 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/29/2019 | -1.7 | 0.01 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/30/2019 | -1.7 | 0.01 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/31/2019 | -1.7 | 0.01 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |

February

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 2/1/2019 | -1.7 | 0.01 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/2/2019 | -1.7 | 0.01 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/3/2019 | -1.7 | 0.01 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/4/2019 | -1.7 | 0.00 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/5/2019 | -1.7 | 0.00 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/6/2019 | -1.7 | 0.00 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/7/2019 | -1.7 | 0.03 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/8/2019 | -1.6 | 0.08 | -1.7 | -1.4 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/9/2019 | -1.7 | 0.02 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/10/2019 | -1.7 | 0.00 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/11/2019 | -1.7 | 0.01 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/12/2019 | -1.7 | 0.01 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/13/2019 | -1.7 | 0.03 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 2/14/2019 | -1.7 | 0.01 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/15/2019 | -1.7 | 0.01 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/16/2019 | -1.7 | 0.02 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/17/2019 | -1.7 | 0.02 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/18/2019 | -1.7 | 0.00 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/19/2019 | -1.7 | 0.01 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/20/2019 | -1.7 | 0.00 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/21/2019 | -1.7 | 0.00 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/22/2019 | -1.7 | 0.00 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/23/2019 | -1.7 | 0.00 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/24/2019 | -1.7 | 0.01 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/25/2019 | -1.7 | 0.00 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/26/2019 | -1.7 | 0.00 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/27/2019 | -1.7 | 0.00 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/28/2019 | -1.7 | 0.01 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |

March

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 3/1/2019 | -1.7 | 0.01 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/2/2019 | -1.7 | 0.01 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/3/2019 | -1.7 | 0.01 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/4/2019 | -1.7 | 0.01 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/5/2019 | -1.7 | 0.01 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/6/2019 | -1.7 | 0.00 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/7/2019 | -1.7 | 0.01 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/8/2019 | -1.7 | 0.02 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/9/2019 | -1.7 | 0.02 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/10/2019 | -1.6 | 0.02 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/11/2019 | -1.7 | 0.01 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/12/2019 | -1.6 | 0.01 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/13/2019 | -1.7 | 0.01 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/14/2019 | -1.6 | 0.02 | -1.6 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/15/2019 | -1.6 | 0.02 | -1.6 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/16/2019 | -1.6 | 0.03 | -1.6 | -1.5 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/17/2019 | -1.7 | 0.04 | -1.8 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/18/2019 | -1.7 | 0.03 | -1.8 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/19/2019 | -1.7 | 0.03 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/20/2019 | -1.6 | 0.02 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/21/2019 | -1.6 | 0.03 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/22/2019 | -1.6 | 0.02 | -1.6 | -1.5 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/23/2019 | -1.6 | 0.02 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/24/2019 | -1.7 | 0.02 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/25/2019 | -1.7 | 0.03 | -1.8 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/26/2019 | -1.6 | 0.05 | -1.7 | -1.5 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/27/2019 | -1.6 | 0.05 | -1.7 | -1.5 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/28/2019 | -1.5 | 0.07 | -1.6 | -1.4 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/29/2019 | -1.4 | 0.02 | -1.5 | -1.4 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/30/2019 | -1.4 | 0.03 | -1.4 | -1.4 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/31/2019 | -1.4 | 0.06 | -1.5 | -1.3 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |

April

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 4/1/2019 | -1.3 | 0.14 | -1.6 | -1.2 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/2/2019 | -1.3 | 0.06 | -1.3 | -1.1 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/3/2019 | -1.3 | 0.07 | -1.4 | -1.2 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/4/2019 | -1.5 | 0.02 | -1.5 | -1.4 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/5/2019 | -1.5 | 0.09 | -1.6 | -1.4 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/6/2019 | -1.4 | 0.02 | -1.5 | -1.4 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/7/2019 | -1.4 | 0.09 | -1.5 | -1.3 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/8/2019 | -1.3 | 0.03 | -1.3 | -1.2 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/9/2019 | -1.3 | 0.02 | -1.3 | -1.3 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/10/2019 | -1.2 | 0.04 | -1.3 | -1.2 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/11/2019 | -1.0 | 0.19 | -1.2 | -0.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/12/2019 | -0.9 | 0.08 | -1.1 | -0.8 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/13/2019 | -1.1 | 0.07 | -1.1 | -0.9 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/14/2019 | -1.0 | 0.12 | -1.2 | -0.8 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/15/2019 | -1.0 | 0.19 | -1.3 | -0.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/16/2019 | -1.0 | 0.29 | -1.3 | -0.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/17/2019 | -0.6 | 0.13 | -0.7 | -0.2 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/18/2019 | -0.4 | 0.14 | -0.6 | -0.2 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/19/2019 | -0.6 | 0.26 | -1.0 | -0.1 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/20/2019 | -0.6 | 0.22 | -1.0 | -0.3 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/21/2019 | -0.8 | 0.22 | -1.1 | -0.4 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/22/2019 | -0.8 | 0.12 | -1.0 | -0.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/23/2019 | -0.7 | 0.12 | -0.9 | -0.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/24/2019 | -1.1 | 0.12 | -1.2 | -0.8 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/25/2019 | -1.2 | 0.02 | -1.2 | -1.1 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/26/2019 | -1.0 | 0.09 | -1.2 | -0.9 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/27/2019 | -0.8 | 0.06 | -0.9 | -0.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/28/2019 | -0.4 | 0.44 | -0.8 | 0.4 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/29/2019 | 1.1 | 0.39 | 0.6 | 1.6 | 1.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/30/2019 | 1.4 | 0.18 | 0.9 | 1.6 | 2.5 | 0.0 | NA | NA | NA | NA | NA | NA |

May

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 5/1/2019 | 1.2 | 0.27 | 0.7 | 1.5 | 1.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/2/2019 | 0.3 | 0.39 | -0.3 | 0.8 | 1.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/3/2019 | 0.5 | 0.29 | 0.1 | 1.0 | 1.9 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/4/2019 | 0.8 | 0.27 | 0.4 | 1.3 | 2.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/5/2019 | 0.6 | 0.16 | 0.3 | 0.9 | 3.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/6/2019 | 0.3 | 0.15 | 0.1 | 0.5 | 3.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/7/2019 | 0.3 | 0.26 | 0.0 | 0.8 | 3.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/8/2019 | 2.3 | 0.93 | 0.5 | 3.1 | 6.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/9/2019 | 3.1 | 0.36 | 2.3 | 3.5 | 9.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/10/2019 | 2.4 | 0.35 | 1.7 | 2.8 | 11.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/11/2019 | 1.6 | 1.39 | 0.3 | 4.3 | 13.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/12/2019 | 4.2 | 0.18 | 3.8 | 4.5 | 17.4 | 0.2 | NA | NA | NA | NA | NA | NA |
| 5/13/2019 | 3.9 | 0.26 | 3.4 | 4.3 | 21.3 | 0.2 | NA | NA | NA | NA | NA | NA |
| 5/14/2019 | 2.7 | 1.06 | 1.0 | 3.7 | 24.1 | 0.2 | NA | NA | NA | NA | NA | NA |
| 5/15/2019 | 0.2 | 0.21 | 0.0 | 0.6 | 24.3 | 0.2 | NA | NA | NA | NA | NA | NA |
| 5/16/2019 | 2.2 | 1.51 | 0.1 | 4.5 | 26.5 | 0.2 | NA | NA | NA | NA | NA | NA |
| 5/17/2019 | 4.0 | 0.30 | 3.6 | 4.4 | 30.4 | 0.2 | NA | NA | NA | NA | NA | NA |
| 5/18/2019 | 4.2 | 0.57 | 3.3 | 5.0 | 34.6 | 0.4 | NA | NA | NA | NA | NA | NA |
| 5/19/2019 | 4.6 | 0.63 | 3.4 | 5.3 | 39.2 | 1.0 | NA | NA | NA | NA | NA | NA |
| 5/20/2019 | 4.3 | 0.31 | 3.7 | 4.7 | 43.5 | 1.3 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 5/21/2019 | 3.1 | 0.46 | 2.4 | 3.8 | 46.6 | 1.3 | NA | NA | NA | NA | NA | NA |
| 5/22/2019 | 3.6 | 0.48 | 3.0 | 4.4 | 50.1 | 1.3 | NA | NA | NA | NA | NA | NA |
| 5/23/2019 | 4.7 | 0.23 | 4.4 | 5.0 | 54.8 | 2.0 | NA | NA | NA | NA | NA | NA |
| 5/24/2019 | 5.1 | 0.26 | 4.7 | 5.7 | 59.9 | 3.1 | NA | NA | NA | NA | NA | NA |
| 5/25/2019 | 4.9 | 0.24 | 4.3 | 5.2 | 64.8 | 3.9 | NA | NA | NA | NA | NA | NA |
| 5/26/2019 | 4.6 | 0.15 | 4.3 | 4.7 | 69.3 | 4.5 | NA | NA | NA | NA | NA | NA |
| 5/27/2019 | 5.0 | 0.23 | 4.8 | 5.6 | 74.3 | 5.5 | NA | NA | NA | NA | NA | NA |
| 5/28/2019 | 6.5 | 0.85 | 5.0 | 8.2 | 80.8 | 8.0 | NA | NA | NA | NA | NA | NA |
| 5/29/2019 | 5.0 | 0.90 | 3.7 | 7.1 | 85.9 | 9.0 | NA | NA | NA | NA | NA | NA |
| 5/30/2019 | 3.9 | 1.08 | 2.4 | 5.5 | 89.7 | 9.0 | NA | NA | NA | NA | NA | NA |
| 5/31/2019 | 4.9 | 1.98 | 2.6 | 8.5 | 94.6 | 9.9 | NA | NA | NA | NA | NA | NA |

June

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/1/2019 | 4.5 | 0.41 | 3.8 | 5.3 | 4.5 | 0.5 | NA | NA | NA | NA | NA | NA |
| 6/2/2019 | 4.0 | 0.53 | 3.1 | 4.9 | 8.5 | 0.5 | NA | NA | NA | NA | NA | NA |
| 6/3/2019 | 3.4 | 0.59 | 2.5 | 4.4 | 11.9 | 0.5 | NA | NA | NA | NA | NA | NA |
| 6/4/2019 | 4.3 | 0.47 | 3.5 | 5.2 | 16.2 | 0.8 | NA | NA | NA | NA | NA | NA |
| 6/5/2019 | 4.7 | 0.33 | 4.1 | 5.2 | 20.9 | 1.5 | NA | NA | NA | NA | NA | NA |
| 6/6/2019 | 4.8 | 0.63 | 4.1 | 6.0 | 25.7 | 2.3 | NA | NA | NA | NA | NA | NA |
| 6/7/2019 | 5.2 | 0.70 | 4.1 | 6.4 | 31.0 | 3.5 | NA | NA | NA | NA | NA | NA |
| 6/8/2019 | 6.3 | 1.13 | 4.7 | 8.8 | 37.3 | 5.9 | NA | NA | NA | NA | NA | NA |
| 6/9/2019 | 6.5 | 0.85 | 5.1 | 7.8 | 43.8 | 8.4 | NA | NA | NA | NA | NA | NA |
| 6/10/2019 | 7.1 | 1.49 | 4.5 | 8.6 | 50.9 | 11.5 | NA | NA | NA | NA | NA | NA |
| 6/11/2019 | 5.7 | 0.34 | 5.1 | 6.2 | 56.6 | 13.2 | NA | NA | NA | NA | NA | NA |
| 6/12/2019 | 9.3 | 1.50 | 5.8 | 10.2 | 65.9 | 18.5 | NA | NA | NA | NA | NA | NA |
| 6/13/2019 | 10.6 | 0.21 | 10.2 | 10.9 | 76.5 | 25.1 | NA | NA | NA | NA | NA | NA |
| 6/14/2019 | 6.7 | 2.80 | 3.3 | 10.7 | 83.2 | 27.8 | NA | NA | NA | NA | NA | NA |
| 6/15/2019 | 6.7 | 1.34 | 4.9 | 9.1 | 89.9 | 30.5 | NA | NA | NA | NA | NA | NA |
| 6/16/2019 | 6.8 | 0.57 | 6.0 | 7.8 | 96.7 | 33.3 | NA | NA | NA | NA | NA | NA |
| 6/17/2019 | 7.0 | 0.81 | 5.2 | 8.0 | 103.7 | 36.3 | NA | NA | NA | NA | NA | NA |
| 6/18/2019 | 7.5 | 0.71 | 6.4 | 8.3 | 111.2 | 39.8 | NA | NA | NA | NA | NA | NA |
| 6/19/2019 | 7.9 | 1.31 | 6.5 | 10.6 | 119.2 | 43.7 | NA | NA | NA | NA | NA | NA |
| 6/20/2019 | 7.2 | 0.63 | 6.3 | 8.3 | 126.3 | 46.9 | NA | NA | NA | NA | NA | NA |
| 6/21/2019 | 6.6 | 1.24 | 4.4 | 8.1 | 132.9 | 49.5 | NA | NA | NA | NA | NA | NA |
| 6/22/2019 | 6.9 | 1.68 | 5.0 | 9.6 | 139.8 | 52.4 | NA | NA | NA | NA | NA | NA |
| 6/23/2019 | 11.8 | 1.72 | 8.4 | 13.4 | 151.7 | 60.2 | NA | NA | NA | NA | NA | NA |
| 6/24/2019 | 13.3 | 0.58 | 11.9 | 13.9 | 165.0 | 69.5 | NA | NA | NA | NA | NA | NA |
| 6/25/2019 | 12.7 | 1.77 | 8.7 | 13.8 | 177.7 | 78.3 | NA | NA | NA | NA | NA | NA |
| 6/26/2019 | 11.3 | 0.85 | 10.1 | 12.6 | 189.0 | 85.6 | NA | NA | NA | NA | NA | NA |
| 6/27/2019 | 6.9 | 1.18 | 5.8 | 9.9 | 195.9 | 88.5 | NA | NA | NA | NA | NA | NA |
| 6/28/2019 | 6.5 | 0.37 | 5.9 | 7.1 | 202.4 | 91.0 | NA | NA | NA | NA | NA | NA |
| 6/29/2019 | 6.4 | 0.49 | 5.6 | 7.3 | 208.8 | 93.4 | NA | NA | NA | NA | NA | NA |
| 6/30/2019 | 6.8 | 0.75 | 6.3 | 8.5 | 215.6 | 96.2 | NA | NA | NA | NA | NA | NA |

July

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/1/2019 | 7.0 | 0.84 | 5.9 | 8.6 | 7.0 | 3.0 | NA | NA | NA | NA | NA | NA |
| 7/2/2019 | 7.2 | 0.80 | 5.9 | 8.3 | 14.2 | 6.2 | NA | NA | NA | NA | NA | NA |
| 7/3/2019 | 8.0 | 0.55 | 7.3 | 9.4 | 22.3 | 10.3 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/4/2019 | 8.7 | 0.66 | 7.8 | 9.6 | 31.0 | 15.0 | NA | NA | NA | NA | NA | NA |
| 7/5/2019 | 7.9 | 0.31 | 7.3 | 8.3 | 38.9 | 18.9 | NA | NA | NA | NA | NA | NA |
| 7/6/2019 | 8.8 | 0.81 | 7.7 | 10.3 | 47.7 | 23.7 | NA | NA | NA | NA | NA | NA |
| 7/7/2019 | 13.5 | 2.94 | 9.6 | 16.9 | 61.2 | 33.2 | NA | NA | NA | NA | NA | NA |
| 7/8/2019 | 13.8 | 1.71 | 11.4 | 15.9 | 75.0 | 43.0 | NA | NA | NA | NA | NA | NA |
| 7/9/2019 | 14.5 | 0.92 | 12.4 | 15.7 | 89.4 | 53.4 | NA | NA | NA | NA | NA | NA |
| 7/10/2019 | 13.5 | 1.05 | 11.8 | 14.9 | 103.0 | 63.0 | NA | NA | NA | NA | NA | NA |
| 7/11/2019 | 11.3 | 1.34 | 9.1 | 13.1 | 114.2 | 70.2 | NA | NA | NA | NA | NA | NA |
| 7/12/2019 | 9.2 | 1.45 | 6.6 | 11.1 | 123.5 | 75.5 | NA | NA | NA | NA | NA | NA |
| 7/13/2019 | 7.3 | 1.21 | 6.0 | 9.3 | 130.8 | 78.8 | NA | NA | NA | NA | NA | NA |
| 7/14/2019 | 6.6 | 0.44 | 5.8 | 7.3 | 137.4 | 81.4 | NA | NA | NA | NA | NA | NA |
| 7/15/2019 | 9.3 | 2.92 | 6.4 | 14.2 | 146.7 | 86.7 | NA | NA | NA | NA | NA | NA |
| 7/17/2019 | 13.1 | 1.01 | 11.6 | 14.6 | 159.8 | 95.8 | NA | NA | NA | NA | NA | NA |
| 7/18/2019 | 14.8 | 0.48 | 14.1 | 15.8 | 174.6 | 106.6 | NA | NA | NA | NA | NA | NA |
| 7/19/2019 | 14.9 | 0.31 | 14.3 | 15.4 | 189.5 | 117.5 | NA | NA | NA | NA | NA | NA |
| 7/20/2019 | 14.0 | 2.11 | 9.1 | 17.0 | 203.6 | 127.6 | NA | NA | NA | NA | NA | NA |
| 7/21/2019 | 10.3 | 1.01 | 8.9 | 11.8 | 213.9 | 133.9 | NA | NA | NA | NA | NA | NA |
| 7/22/2019 | 10.4 | 0.59 | 9.3 | 11.4 | 224.3 | 140.3 | NA | NA | NA | NA | NA | NA |
| 7/23/2019 | 9.9 | 0.65 | 9.1 | 11.0 | 234.1 | 146.1 | NA | NA | NA | NA | NA | NA |
| 7/24/2019 | 11.6 | 0.86 | 10.1 | 13.1 | 245.7 | 153.7 | NA | NA | NA | NA | NA | NA |
| 7/25/2019 | 11.7 | 0.26 | 11.4 | 12.3 | 257.4 | 161.4 | NA | NA | NA | NA | NA | NA |
| 7/26/2019 | 11.8 | 0.45 | 11.2 | 13.0 | 269.2 | 169.2 | NA | NA | NA | NA | NA | NA |
| 7/27/2019 | 12.0 | 0.48 | 11.3 | 12.9 | 281.2 | 177.2 | NA | NA | NA | NA | NA | NA |
| 7/28/2019 | 12.1 | 0.46 | 11.4 | 13.2 | 293.2 | 185.2 | NA | NA | NA | NA | NA | NA |
| 7/29/2019 | 12.0 | 0.69 | 11.0 | 13.0 | 305.2 | 193.2 | NA | NA | NA | NA | NA | NA |
| 7/30/2019 | 11.0 | 0.80 | 10.0 | 12.4 | 316.3 | 200.3 | NA | NA | NA | NA | NA | NA |
| 7/31/2019 | 10.4 | 0.90 | 8.9 | 12.4 | 326.6 | 206.6 | NA | NA | NA | NA | NA | NA |

August

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/1/2019 | 12.8 | 1.37 | 10.0 | 16.1 | 12.8 | 8.8 | NA | NA | NA | NA | NA | NA |
| 8/2/2019 | 13.3 | 2.15 | 9.6 | 17.3 | 26.1 | 18.1 | NA | NA | NA | NA | NA | NA |
| 8/3/2019 | 13.5 | 2.76 | 8.7 | 18.8 | 39.6 | 27.6 | NA | NA | NA | NA | NA | NA |
| 8/4/2019 | 13.8 | 2.27 | 10.4 | 19.1 | 53.4 | 37.4 | NA | NA | NA | NA | NA | NA |
| 8/5/2019 | 14.8 | 2.49 | 12.0 | 19.1 | 68.2 | 48.2 | NA | NA | NA | NA | NA | NA |
| 8/6/2019 | 13.4 | 2.02 | 9.0 | 18.7 | 81.6 | 57.6 | NA | NA | NA | NA | NA | NA |
| 8/7/2019 | 12.0 | 1.50 | 8.8 | 13.1 | 93.6 | 65.6 | NA | NA | NA | NA | NA | NA |
| 8/8/2019 | 11.7 | 1.68 | 8.1 | 13.1 | 105.2 | 73.2 | NA | NA | NA | NA | NA | NA |
| 8/9/2019 | 11.0 | 2.29 | 7.9 | 13.1 | 116.2 | 80.2 | NA | NA | NA | NA | NA | NA |
| 8/10/2019 | 10.4 | 2.72 | 6.6 | 13.1 | 126.6 | 86.6 | NA | NA | NA | NA | NA | NA |
| 8/11/2019 | 11.9 | 2.84 | 7.5 | 18.3 | 138.5 | 94.5 | NA | NA | NA | NA | NA | NA |
| 8/12/2019 | 13.5 | 2.80 | 9.1 | 17.8 | 152.1 | 104.1 | NA | NA | NA | NA | NA | NA |
| 8/13/2019 | 12.3 | 1.75 | 8.1 | 14.6 | 164.3 | 112.3 | NA | NA | NA | NA | NA | NA |
| 8/14/2019 | 13.9 | 0.88 | 13.1 | 15.3 | 178.2 | 122.2 | NA | NA | NA | NA | NA | NA |
| 8/15/2019 | 14.3 | 1.43 | 13.1 | 17.0 | 192.5 | 132.5 | NA | NA | NA | NA | NA | NA |
| 8/16/2019 | 14.7 | 1.71 | 13.1 | 16.8 | 207.2 | 143.2 | NA | NA | NA | NA | NA | NA |
| 8/17/2019 | 14.2 | 1.20 | 12.6 | 16.4 | 221.4 | 153.4 | NA | NA | NA | NA | NA | NA |
| 8/18/2019 | 12.9 | 0.48 | 12.0 | 13.7 | 234.3 | 162.3 | NA | NA | NA | NA | NA | NA |
| 8/19/2019 | 11.9 | 0.69 | 10.6 | 13.2 | 246.2 | 170.2 | NA | NA | NA | NA | NA | NA |
| 8/20/2019 | 15.1 | 1.95 | 12.6 | 17.5 | 261.2 | 181.2 | NA | NA | NA | NA | NA | NA |
| 8/21/2019 | 14.9 | 1.41 | 12.8 | 16.8 | 276.1 | 192.1 | NA | NA | NA | NA | NA | NA |
| 8/22/2019 | 13.4 | 0.65 | 12.4 | 14.4 | 289.5 | 201.5 | NA | NA | NA | NA | NA | NA |
| 8/23/2019 | 15.3 | 1.95 | 12.8 | 17.5 | 304.8 | 212.8 | NA | NA | NA | NA | NA | NA |
| 8/24/2019 | 15.1 | 2.11 | 12.9 | 17.6 | 319.9 | 223.9 | NA | NA | NA | NA | NA | NA |
| 8/25/2019 | 13.9 | 1.42 | 12.2 | 16.3 | 333.8 | 233.8 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/26/2019 | 13.3 | 0.89 | 11.4 | 14.5 | 347.1 | 243.1 | NA | NA | NA | NA | NA | NA |
| 8/27/2019 | 14.5 | 2.15 | 11.1 | 17.3 | 361.6 | 253.6 | NA | NA | NA | NA | NA | NA |
| 8/28/2019 | 14.1 | 1.81 | 12.3 | 17.5 | 375.7 | 263.7 | NA | NA | NA | NA | NA | NA |
| 8/29/2019 | 10.9 | 1.33 | 9.1 | 13.7 | 386.7 | 270.7 | NA | NA | NA | NA | NA | NA |
| 8/30/2019 | 12.9 | 1.40 | 11.0 | 15.0 | 399.6 | 279.6 | NA | NA | NA | NA | NA | NA |
| 8/31/2019 | 15.9 | 2.30 | 11.4 | 17.5 | 415.5 | 291.5 | NA | NA | NA | NA | NA | NA |

September

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/1/2019 | 15.2 | 2.22 | 13.1 | 17.5 | 15.2 | 11.2 | NA | NA | NA | NA | NA | NA |
| 9/2/2019 | 13.5 | 2.05 | 10.9 | 17.7 | 28.7 | 20.7 | NA | NA | NA | NA | NA | NA |
| 9/3/2019 | 14.0 | 1.34 | 12.1 | 16.2 | 42.7 | 30.7 | NA | NA | NA | NA | NA | NA |
| 9/4/2019 | 13.9 | 1.48 | 11.9 | 16.3 | 56.5 | 40.5 | NA | NA | NA | NA | NA | NA |
| 9/5/2019 | 14.4 | 1.47 | 13.1 | 16.2 | 71.0 | 51.0 | NA | NA | NA | NA | NA | NA |
| 9/6/2019 | 14.4 | 1.43 | 13.1 | 16.2 | 85.3 | 61.3 | NA | NA | NA | NA | NA | NA |
| 9/7/2019 | 12.7 | 1.85 | 7.7 | 14.6 | 98.0 | 70.0 | NA | NA | NA | NA | NA | NA |
| 9/8/2019 | 12.5 | 1.70 | 5.2 | 13.8 | 110.5 | 78.5 | NA | NA | NA | NA | NA | NA |
| 9/9/2019 | 13.2 | 0.30 | 12.7 | 13.8 | 123.7 | 87.7 | NA | NA | NA | NA | NA | NA |
| 9/10/2019 | 13.2 | 0.25 | 13.0 | 13.8 | 136.9 | 96.9 | NA | NA | NA | NA | NA | NA |
| 9/11/2019 | 13.1 | 0.08 | 12.9 | 13.2 | 150.0 | 106.0 | NA | NA | NA | NA | NA | NA |
| 9/12/2019 | 13.0 | 0.31 | 12.5 | 13.6 | 163.0 | 115.0 | NA | NA | NA | NA | NA | NA |
| 9/13/2019 | 13.2 | 0.17 | 13.0 | 13.5 | 176.2 | 124.2 | NA | NA | NA | NA | NA | NA |
| 9/14/2019 | 13.2 | 0.16 | 13.1 | 13.4 | 189.4 | 133.4 | NA | NA | NA | NA | NA | NA |
| 9/15/2019 | 13.3 | 0.23 | 13.1 | 13.7 | 202.6 | 142.6 | NA | NA | NA | NA | NA | NA |
| 9/16/2019 | 13.3 | 0.29 | 13.1 | 13.7 | 216.0 | 152.0 | NA | NA | NA | NA | NA | NA |
| 9/17/2019 | 13.5 | 0.11 | 13.3 | 13.7 | 229.5 | 161.5 | NA | NA | NA | NA | NA | NA |
| 9/18/2019 | 13.3 | 0.13 | 13.0 | 13.5 | 242.8 | 170.8 | NA | NA | NA | NA | NA | NA |
| 9/19/2019 | 13.3 | 0.08 | 13.1 | 13.4 | 256.1 | 180.1 | NA | NA | NA | NA | NA | NA |
| 9/20/2019 | 13.4 | 0.09 | 13.2 | 13.6 | 269.5 | 189.5 | NA | NA | NA | NA | NA | NA |
| 9/21/2019 | 13.5 | 0.10 | 13.3 | 13.7 | 283.0 | 199.0 | NA | NA | NA | NA | NA | NA |
| 9/22/2019 | 13.7 | 0.06 | 13.5 | 13.7 | 296.7 | 208.7 | NA | NA | NA | NA | NA | NA |
| 9/23/2019 | 13.9 | 0.24 | 13.5 | 14.2 | 310.6 | 218.6 | NA | NA | NA | NA | NA | NA |
| 9/24/2019 | 11.5 | 3.33 | 6.7 | 14.2 | 322.1 | 226.1 | NA | NA | NA | NA | NA | NA |
| 9/25/2019 | 8.4 | 1.61 | 5.4 | 10.0 | 330.5 | 230.5 | NA | NA | NA | NA | NA | NA |
| 9/26/2019 | 11.6 | 1.14 | 9.7 | 12.7 | 342.1 | 238.1 | NA | NA | NA | NA | NA | NA |
| 9/27/2019 | 13.1 | 0.48 | 12.3 | 13.5 | 355.2 | 247.2 | NA | NA | NA | NA | NA | NA |
| 9/28/2019 | 13.2 | 0.08 | 13.1 | 13.4 | 368.5 | 256.5 | NA | NA | NA | NA | NA | NA |
| 9/29/2019 | 13.3 | 0.10 | 13.0 | 13.4 | 381.8 | 265.8 | NA | NA | NA | NA | NA | NA |
| 9/30/2019 | 13.0 | 0.08 | 12.8 | 13.1 | 394.7 | 274.7 | NA | NA | NA | NA | NA | NA |

October

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/1/2019 | 12.9 | 0.19 | 12.5 | 13.1 | 12.9 | 8.9 | NA | NA | NA | NA | NA | NA |
| 10/2/2019 | 12.6 | 0.59 | 11.2 | 13.1 | 25.5 | 17.5 | NA | NA | NA | NA | NA | NA |
| 10/3/2019 | 12.6 | 0.52 | 11.9 | 13.1 | 38.0 | 26.0 | NA | NA | NA | NA | NA | NA |
| 10/4/2019 | 12.5 | 0.57 | 11.9 | 13.1 | 50.5 | 34.5 | NA | NA | NA | NA | NA | NA |
| 10/5/2019 | 12.4 | 0.65 | 11.6 | 13.1 | 63.0 | 43.0 | NA | NA | NA | NA | NA | NA |
| 10/6/2019 | 12.4 | 0.68 | 11.3 | 13.1 | 75.4 | 51.4 | NA | NA | NA | NA | NA | NA |
| 10/7/2019 | 12.2 | 0.87 | 11.1 | 13.1 | 87.6 | 59.6 | NA | NA | NA | NA | NA | NA |
| 10/8/2019 | 12.2 | 0.86 | 11.1 | 13.1 | 99.8 | 67.8 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/9/2019 | 12.2 | 0.86 | 11.1 | 13.1 | 112.0 | 76.0 | NA | NA | NA | NA | NA | NA |
| 10/10/2019 | 12.2 | 0.92 | 11.1 | 13.1 | 124.2 | 84.2 | NA | NA | NA | NA | NA | NA |
| 10/11/2019 | 12.1 | 1.03 | 10.9 | 13.1 | 136.3 | 92.3 | NA | NA | NA | NA | NA | NA |
| 10/12/2019 | 11.6 | 1.50 | 9.7 | 13.1 | 147.9 | 99.9 | NA | NA | NA | NA | NA | NA |
| 10/13/2019 | 11.5 | 1.62 | 9.1 | 13.1 | 159.4 | 107.4 | NA | NA | NA | NA | NA | NA |
| 10/14/2019 | 12.0 | 1.12 | 10.7 | 13.1 | 171.3 | 115.3 | NA | NA | NA | NA | NA | NA |
| 10/15/2019 | 12.1 | 1.01 | 10.7 | 13.1 | 183.4 | 123.4 | NA | NA | NA | NA | NA | NA |
| 10/16/2019 | 12.2 | 0.89 | 11.3 | 13.1 | 195.6 | 131.6 | NA | NA | NA | NA | NA | NA |
| 10/17/2019 | 10.0 | 2.16 | 5.7 | 11.3 | 205.6 | 137.6 | NA | NA | NA | NA | NA | NA |
| 10/18/2019 | 8.9 | 1.59 | 5.6 | 10.6 | 214.5 | 142.5 | NA | NA | NA | NA | NA | NA |
| 10/19/2019 | 10.8 | 0.05 | 10.7 | 10.9 | 225.3 | 149.3 | NA | NA | NA | NA | NA | NA |
| 10/20/2019 | 10.8 | 0.03 | 10.8 | 10.9 | 236.2 | 156.2 | NA | NA | NA | NA | NA | NA |
| 10/21/2019 | 10.5 | 0.17 | 10.4 | 10.8 | 246.7 | 162.7 | NA | NA | NA | NA | NA | NA |
| 10/22/2019 | 10.4 | 0.03 | 10.3 | 10.4 | 257.1 | 169.1 | NA | NA | NA | NA | NA | NA |
| 10/23/2019 | 9.9 | 0.39 | 9.4 | 10.4 | 267.0 | 175.0 | NA | NA | NA | NA | NA | NA |
| 10/24/2019 | 9.9 | 0.50 | 8.9 | 10.4 | 276.9 | 180.9 | NA | NA | NA | NA | NA | NA |
| 10/25/2019 | 10.3 | 0.05 | 10.2 | 10.4 | 287.2 | 187.2 | NA | NA | NA | NA | NA | NA |
| 10/26/2019 | 10.2 | 0.03 | 10.2 | 10.3 | 297.4 | 193.4 | NA | NA | NA | NA | NA | NA |
| 10/27/2019 | 10.0 | 0.09 | 9.9 | 10.2 | 307.4 | 199.4 | NA | NA | NA | NA | NA | NA |
| 10/28/2019 | 9.9 | 0.04 | 9.8 | 10.0 | 317.3 | 205.3 | NA | NA | NA | NA | NA | NA |
| 10/29/2019 | 9.8 | 0.04 | 9.8 | 9.9 | 327.2 | 211.2 | NA | NA | NA | NA | NA | NA |
| 10/30/2019 | 9.8 | 0.04 | 9.8 | 9.9 | 337.0 | 217.0 | NA | NA | NA | NA | NA | NA |
| 10/31/2019 | 9.8 | 0.06 | 9.6 | 9.8 | 346.7 | 222.7 | NA | NA | NA | NA | NA | NA |

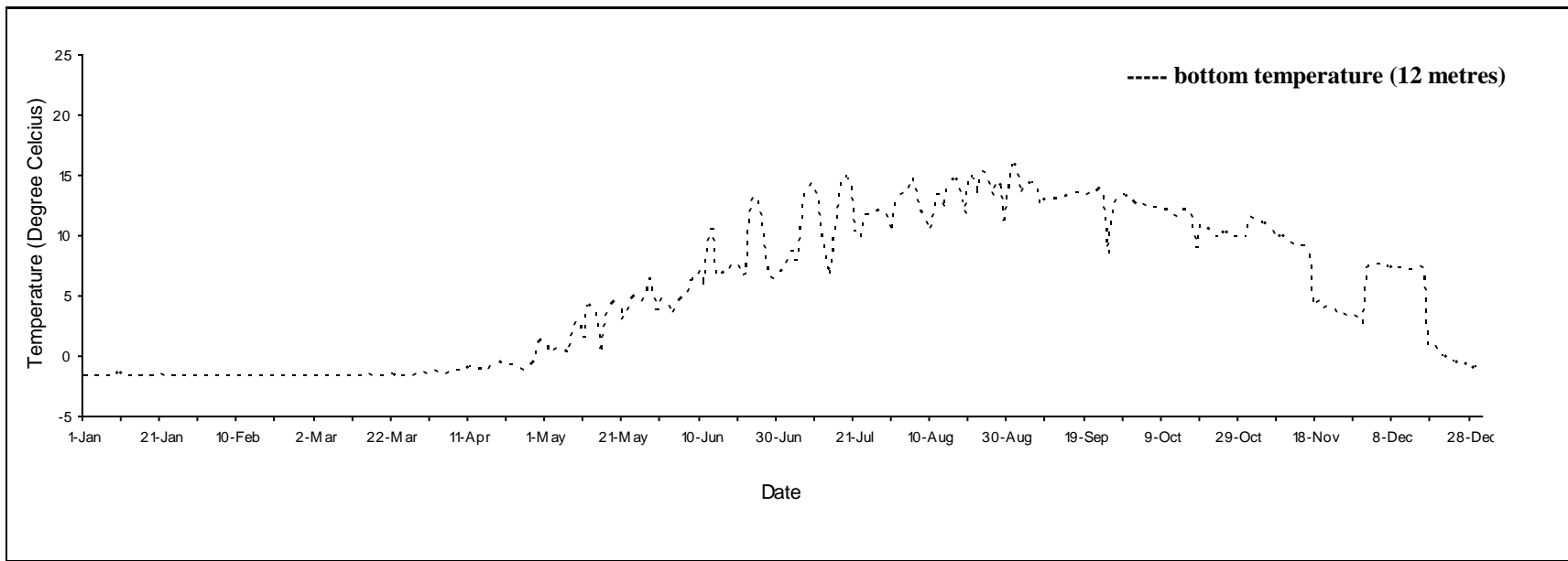
November

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 11/1/2019 | 11.5 | 1.60 | 9.5 | 13.1 | 11.5 | 7.5 | NA | NA | NA | NA | NA | NA |
| 11/2/2019 | 11.4 | 1.73 | 9.3 | 13.1 | 22.9 | 14.9 | NA | NA | NA | NA | NA | NA |
| 11/3/2019 | 11.1 | 1.98 | 9.0 | 13.1 | 34.0 | 22.0 | NA | NA | NA | NA | NA | NA |
| 11/4/2019 | 11.1 | 2.02 | 8.7 | 13.1 | 45.1 | 29.1 | NA | NA | NA | NA | NA | NA |
| 11/5/2019 | 10.8 | 2.32 | 8.3 | 13.1 | 55.9 | 35.9 | NA | NA | NA | NA | NA | NA |
| 11/6/2019 | 10.6 | 2.50 | 7.6 | 13.1 | 66.5 | 42.5 | NA | NA | NA | NA | NA | NA |
| 11/7/2019 | 10.0 | 3.10 | 6.5 | 13.1 | 76.5 | 48.5 | NA | NA | NA | NA | NA | NA |
| 11/8/2019 | 9.6 | 3.49 | 6.1 | 13.1 | 86.2 | 54.2 | NA | NA | NA | NA | NA | NA |
| 11/9/2019 | 10.0 | 3.14 | 6.4 | 13.1 | 96.2 | 60.2 | NA | NA | NA | NA | NA | NA |
| 11/10/2019 | 9.7 | 3.41 | 6.2 | 13.1 | 105.9 | 65.9 | NA | NA | NA | NA | NA | NA |
| 11/11/2019 | 9.5 | 3.60 | 5.7 | 13.1 | 115.4 | 71.4 | NA | NA | NA | NA | NA | NA |
| 11/12/2019 | 9.2 | 3.92 | 4.9 | 13.1 | 124.6 | 76.6 | NA | NA | NA | NA | NA | NA |
| 11/13/2019 | 9.1 | 4.07 | 4.9 | 13.1 | 133.7 | 81.7 | NA | NA | NA | NA | NA | NA |
| 11/14/2019 | 9.1 | 4.04 | 5.1 | 13.1 | 142.8 | 86.8 | NA | NA | NA | NA | NA | NA |
| 11/15/2019 | 9.1 | 4.04 | 5.1 | 13.1 | 151.9 | 91.9 | NA | NA | NA | NA | NA | NA |
| 11/16/2019 | 8.8 | 4.31 | 4.5 | 13.1 | 160.8 | 96.8 | NA | NA | NA | NA | NA | NA |
| 11/17/2019 | 4.3 | 0.08 | 4.2 | 4.4 | 165.1 | 97.1 | NA | NA | NA | NA | NA | NA |
| 11/18/2019 | 4.4 | 0.06 | 4.3 | 4.5 | 169.5 | 97.5 | NA | NA | NA | NA | NA | NA |
| 11/19/2019 | 4.5 | 0.12 | 4.2 | 4.6 | 174.0 | 98.0 | NA | NA | NA | NA | NA | NA |
| 11/20/2019 | 3.9 | 0.10 | 3.8 | 4.1 | 177.9 | 98.0 | NA | NA | NA | NA | NA | NA |
| 11/21/2019 | 4.2 | 0.13 | 3.8 | 4.3 | 182.0 | 98.1 | NA | NA | NA | NA | NA | NA |
| 11/22/2019 | 4.1 | 0.06 | 4.0 | 4.2 | 186.2 | 98.2 | NA | NA | NA | NA | NA | NA |
| 11/23/2019 | 3.7 | 0.19 | 3.5 | 4.0 | 189.8 | 98.2 | NA | NA | NA | NA | NA | NA |
| 11/24/2019 | 3.4 | 0.05 | 3.4 | 3.5 | 193.3 | 98.2 | NA | NA | NA | NA | NA | NA |
| 11/25/2019 | 3.5 | 0.12 | 3.4 | 3.8 | 196.8 | 98.2 | NA | NA | NA | NA | NA | NA |
| 11/26/2019 | 3.4 | 0.04 | 3.3 | 3.4 | 200.1 | 98.2 | NA | NA | NA | NA | NA | NA |
| 11/27/2019 | 3.3 | 0.07 | 3.2 | 3.3 | 203.4 | 98.2 | NA | NA | NA | NA | NA | NA |
| 11/28/2019 | 3.3 | 0.11 | 3.2 | 3.6 | 206.7 | 98.2 | NA | NA | NA | NA | NA | NA |
| 11/29/2019 | 3.2 | 0.21 | 3.0 | 3.7 | 209.9 | 98.2 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 11/30/2019 | 2.7 | 0.31 | 2.1 | 3.1 | 212.6 | 98.2 | NA | NA | NA | NA | NA | NA |

December

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 12/1/2019 | 7.4 | 5.74 | 1.6 | 13.1 | 7.4 | 3.4 | NA | NA | NA | NA | NA | NA |
| 12/2/2019 | 7.4 | 5.83 | 1.3 | 13.1 | 14.8 | 6.8 | NA | NA | NA | NA | NA | NA |
| 12/3/2019 | 7.4 | 5.77 | 1.2 | 13.1 | 22.2 | 10.2 | NA | NA | NA | NA | NA | NA |
| 12/4/2019 | 7.5 | 5.66 | 1.4 | 13.1 | 29.8 | 13.8 | NA | NA | NA | NA | NA | NA |
| 12/5/2019 | 7.6 | 5.63 | 1.7 | 13.1 | 37.3 | 17.3 | NA | NA | NA | NA | NA | NA |
| 12/6/2019 | 7.4 | 5.77 | 1.6 | 13.1 | 44.7 | 20.7 | NA | NA | NA | NA | NA | NA |
| 12/7/2019 | 7.4 | 5.79 | 1.5 | 13.1 | 52.1 | 24.1 | NA | NA | NA | NA | NA | NA |
| 12/8/2019 | 7.3 | 5.86 | 1.1 | 13.1 | 59.4 | 27.4 | NA | NA | NA | NA | NA | NA |
| 12/9/2019 | 7.2 | 5.97 | 0.9 | 13.1 | 66.7 | 30.7 | NA | NA | NA | NA | NA | NA |
| 12/10/2019 | 7.3 | 5.84 | 1.4 | 13.1 | 74.0 | 34.0 | NA | NA | NA | NA | NA | NA |
| 12/11/2019 | 7.2 | 5.94 | 1.2 | 13.1 | 81.2 | 37.2 | NA | NA | NA | NA | NA | NA |
| 12/12/2019 | 7.1 | 6.04 | 1.1 | 13.1 | 88.4 | 40.4 | NA | NA | NA | NA | NA | NA |
| 12/13/2019 | 7.2 | 6.01 | 1.0 | 13.1 | 95.6 | 43.6 | NA | NA | NA | NA | NA | NA |
| 12/14/2019 | 7.3 | 5.92 | 1.1 | 13.1 | 102.8 | 46.8 | NA | NA | NA | NA | NA | NA |
| 12/15/2019 | 7.4 | 5.75 | 1.7 | 13.1 | 110.3 | 50.3 | NA | NA | NA | NA | NA | NA |
| 12/16/2019 | 7.2 | 5.98 | 1.1 | 13.1 | 117.5 | 53.5 | NA | NA | NA | NA | NA | NA |
| 12/17/2019 | 0.9 | 0.19 | 0.6 | 1.2 | 118.4 | 53.5 | NA | NA | NA | NA | NA | NA |
| 12/18/2019 | 1.1 | 0.07 | 0.9 | 1.2 | 119.5 | 53.5 | NA | NA | NA | NA | NA | NA |
| 12/19/2019 | 0.4 | 0.19 | 0.2 | 0.9 | 119.9 | 53.5 | NA | NA | NA | NA | NA | NA |
| 12/20/2019 | 0.2 | 0.23 | -0.3 | 0.4 | 120.1 | 53.5 | NA | NA | NA | NA | NA | NA |
| 12/21/2019 | -0.1 | 0.27 | -0.5 | 0.4 | 120.1 | 53.5 | NA | NA | NA | NA | NA | NA |
| 12/22/2019 | -0.2 | 0.16 | -0.6 | -0.1 | 120.1 | 53.5 | NA | NA | NA | NA | NA | NA |
| 12/23/2019 | -0.4 | 0.27 | -0.9 | 0.0 | 120.1 | 53.5 | NA | NA | NA | NA | NA | NA |
| 12/24/2019 | -0.5 | 0.23 | -0.8 | -0.1 | 120.1 | 53.5 | NA | NA | NA | NA | NA | NA |
| 12/25/2019 | -0.7 | 0.35 | -1.1 | 0.1 | 120.1 | 53.5 | NA | NA | NA | NA | NA | NA |
| 12/26/2019 | -0.5 | 0.34 | -1.1 | 0.0 | 120.1 | 53.5 | NA | NA | NA | NA | NA | NA |
| 12/27/2019 | -0.9 | 0.27 | -1.2 | -0.5 | 120.1 | 53.5 | NA | NA | NA | NA | NA | NA |
| 12/28/2019 | -1.2 | 0.11 | -1.4 | -1.0 | 120.1 | 53.5 | NA | NA | NA | NA | NA | NA |
| 12/29/2019 | -0.9 | 0.12 | -1.1 | -0.7 | 120.1 | 53.5 | NA | NA | NA | NA | NA | NA |
| 12/30/2019 | -0.9 | 0.21 | -1.2 | -0.5 | 120.1 | 53.5 | NA | NA | NA | NA | NA | NA |
| 12/31/2019 | -0.5 | 0.10 | -0.7 | -0.3 | 120.1 | 53.5 | NA | NA | NA | NA | NA | NA |



Daily mean temperature for Anse Bleue 1, N.B., 2019.

Anse Bleue 2, N.B.

2019

January

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 1/1/2019 | -1.6 | 0.05 | -1.7 | -1.5 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/2/2019 | -1.7 | 0.02 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/3/2019 | -1.7 | 0.05 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/4/2019 | -1.6 | 0.01 | -1.6 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/5/2019 | -1.6 | 0.01 | -1.6 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/6/2019 | -1.6 | 0.01 | -1.6 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/7/2019 | -1.6 | 0.01 | -1.6 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/8/2019 | -1.6 | 0.01 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/9/2019 | -1.7 | 0.02 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/10/2019 | -1.3 | 0.47 | -1.7 | -0.1 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/11/2019 | -1.6 | 0.04 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/12/2019 | -1.7 | 0.01 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/13/2019 | -1.7 | 0.01 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/14/2019 | -1.7 | 0.01 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/15/2019 | -1.7 | 0.01 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/16/2019 | -1.7 | 0.00 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/17/2019 | -1.7 | 0.00 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/18/2019 | -1.7 | 0.01 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/19/2019 | -1.7 | 0.02 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/20/2019 | -1.7 | 0.05 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/21/2019 | -1.4 | 0.48 | -1.7 | -0.2 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/22/2019 | -1.7 | 0.03 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/23/2019 | -1.6 | 0.02 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/24/2019 | -1.7 | 0.02 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/25/2019 | -1.7 | 0.01 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/26/2019 | -1.7 | 0.01 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/27/2019 | -1.7 | 0.01 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/28/2019 | -1.7 | 0.02 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/29/2019 | -1.7 | 0.01 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/30/2019 | -1.7 | 0.01 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/31/2019 | -1.7 | 0.01 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |

February

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 2/1/2019 | -1.7 | 0.01 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/2/2019 | -1.7 | 0.01 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/3/2019 | -1.7 | 0.01 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/4/2019 | -1.7 | 0.00 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/5/2019 | -1.7 | 0.00 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/6/2019 | -1.7 | 0.00 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/7/2019 | -1.7 | 0.03 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/8/2019 | -1.6 | 0.12 | -1.7 | -1.4 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/9/2019 | -1.7 | 0.04 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/10/2019 | -1.7 | 0.00 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/11/2019 | -1.7 | 0.02 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/12/2019 | -1.6 | 0.08 | -1.7 | -1.5 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/13/2019 | -1.6 | 0.06 | -1.7 | -1.5 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 2/14/2019 | -1.7 | 0.02 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/15/2019 | -1.7 | 0.01 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/16/2019 | -1.7 | 0.02 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/17/2019 | -1.7 | 0.02 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/18/2019 | -1.7 | 0.00 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/19/2019 | -1.7 | 0.01 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/20/2019 | -1.7 | 0.00 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/21/2019 | -1.7 | 0.00 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/22/2019 | -1.7 | 0.00 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/23/2019 | -1.7 | 0.00 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/24/2019 | -1.7 | 0.01 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/25/2019 | -1.7 | 0.01 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/26/2019 | -1.7 | 0.00 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/27/2019 | -1.7 | 0.00 | -1.8 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/28/2019 | -1.7 | 0.00 | -1.8 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |

March

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 3/1/2019 | -1.7 | 0.01 | -1.8 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/2/2019 | -1.7 | 0.01 | -1.8 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/3/2019 | -1.7 | 0.01 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/4/2019 | -1.7 | 0.01 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/5/2019 | -1.7 | 0.01 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/6/2019 | -1.7 | 0.00 | -1.7 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/7/2019 | -1.7 | 0.01 | -1.8 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/8/2019 | -1.7 | 0.02 | -1.8 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/9/2019 | -1.7 | 0.02 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/10/2019 | -1.7 | 0.02 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/11/2019 | -1.7 | 0.01 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/12/2019 | -1.6 | 0.01 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/13/2019 | -1.7 | 0.01 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/14/2019 | -1.6 | 0.02 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/15/2019 | -1.6 | 0.01 | -1.6 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/16/2019 | -1.6 | 0.03 | -1.6 | -1.5 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/17/2019 | -1.7 | 0.04 | -1.8 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/18/2019 | -1.7 | 0.03 | -1.8 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/19/2019 | -1.7 | 0.03 | -1.8 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/20/2019 | -1.7 | 0.01 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/21/2019 | -1.6 | 0.03 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/22/2019 | -1.6 | 0.02 | -1.6 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/23/2019 | -1.6 | 0.02 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/24/2019 | -1.7 | 0.02 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/25/2019 | -1.7 | 0.02 | -1.8 | -1.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/26/2019 | -1.6 | 0.04 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/27/2019 | -1.7 | 0.03 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/28/2019 | -1.6 | 0.07 | -1.6 | -1.5 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/29/2019 | -1.4 | 0.02 | -1.5 | -1.4 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/30/2019 | -1.4 | 0.04 | -1.5 | -1.3 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/31/2019 | -1.5 | 0.05 | -1.6 | -1.4 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |

April

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 4/1/2019 | -1.3 | 0.15 | -1.6 | -1.2 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/2/2019 | -1.3 | 0.06 | -1.4 | -1.1 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/3/2019 | -1.3 | 0.06 | -1.4 | -1.2 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/4/2019 | -1.5 | 0.02 | -1.5 | -1.4 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/5/2019 | -1.5 | 0.09 | -1.6 | -1.4 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/6/2019 | -1.4 | 0.02 | -1.5 | -1.4 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/7/2019 | -1.4 | 0.09 | -1.5 | -1.2 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/8/2019 | -1.3 | 0.03 | -1.3 | -1.2 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/9/2019 | -1.3 | 0.03 | -1.3 | -1.2 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/10/2019 | -1.3 | 0.02 | -1.3 | -1.2 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/11/2019 | -1.1 | 0.14 | -1.3 | -0.8 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/12/2019 | -1.1 | 0.09 | -1.2 | -0.9 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/13/2019 | -1.1 | 0.05 | -1.2 | -1.1 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/14/2019 | -1.1 | 0.07 | -1.2 | -1.0 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/15/2019 | -1.1 | 0.17 | -1.3 | -0.8 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/16/2019 | -1.1 | 0.21 | -1.3 | -0.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/17/2019 | -0.6 | 0.03 | -0.7 | -0.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/18/2019 | -0.4 | 0.15 | -0.7 | -0.3 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/19/2019 | -0.8 | 0.12 | -1.1 | -0.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/20/2019 | -0.8 | 0.19 | -1.1 | -0.5 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/21/2019 | -0.9 | 0.19 | -1.1 | -0.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/22/2019 | -0.9 | 0.12 | -1.1 | -0.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/23/2019 | -0.7 | 0.14 | -1.0 | -0.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/24/2019 | -1.1 | 0.12 | -1.2 | -0.9 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/25/2019 | -1.2 | 0.02 | -1.2 | -1.1 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/26/2019 | -1.1 | 0.10 | -1.2 | -0.9 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/27/2019 | -0.9 | 0.05 | -0.9 | -0.8 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/28/2019 | -0.6 | 0.39 | -0.8 | 0.3 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/29/2019 | 0.9 | 0.31 | 0.4 | 1.4 | 0.9 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/30/2019 | 1.1 | 0.21 | 0.7 | 1.4 | 2.0 | 0.0 | NA | NA | NA | NA | NA | NA |

May

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 5/1/2019 | 0.8 | 0.15 | 0.5 | 1.1 | 0.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/2/2019 | -0.2 | 0.12 | -0.4 | 0.0 | 0.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/3/2019 | 0.0 | 0.26 | -0.3 | 0.4 | 0.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/4/2019 | 0.4 | 0.10 | 0.3 | 0.6 | 1.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/5/2019 | 0.3 | 0.15 | 0.0 | 0.5 | 1.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/6/2019 | 0.0 | 0.11 | -0.2 | 0.3 | 1.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/7/2019 | -0.1 | 0.15 | -0.3 | 0.2 | 1.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/8/2019 | 1.7 | 1.33 | 0.0 | 3.1 | 3.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/9/2019 | 2.9 | 0.30 | 2.3 | 3.2 | 6.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/10/2019 | 1.6 | 0.59 | 0.0 | 2.2 | 7.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/11/2019 | 0.7 | 0.62 | 0.2 | 2.5 | 8.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/12/2019 | 3.7 | 0.40 | 3.0 | 4.2 | 12.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/13/2019 | 3.5 | 0.44 | 2.7 | 4.1 | 15.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/14/2019 | 1.5 | 0.79 | 0.5 | 3.1 | 17.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/15/2019 | 0.1 | 0.17 | 0.0 | 0.6 | 17.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/16/2019 | 1.8 | 1.32 | 0.0 | 3.5 | 19.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/17/2019 | 3.6 | 0.47 | 2.8 | 4.3 | 22.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/18/2019 | 3.7 | 0.44 | 2.9 | 4.3 | 26.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/19/2019 | 4.2 | 0.59 | 3.1 | 4.8 | 30.5 | 0.2 | NA | NA | NA | NA | NA | NA |
| 5/20/2019 | 4.2 | 0.37 | 3.3 | 4.7 | 34.7 | 0.4 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 5/21/2019 | 2.8 | 0.53 | 2.1 | 3.5 | 37.4 | 0.4 | NA | NA | NA | NA | NA | NA |
| 5/22/2019 | 3.2 | 0.64 | 2.5 | 4.4 | 40.7 | 0.4 | NA | NA | NA | NA | NA | NA |
| 5/23/2019 | 4.5 | 0.12 | 4.3 | 4.7 | 45.2 | 0.9 | NA | NA | NA | NA | NA | NA |
| 5/24/2019 | 4.7 | 0.15 | 4.5 | 4.9 | 49.9 | 1.6 | NA | NA | NA | NA | NA | NA |
| 5/25/2019 | 4.4 | 0.32 | 3.8 | 4.8 | 54.3 | 2.0 | NA | NA | NA | NA | NA | NA |
| 5/26/2019 | 4.2 | 0.17 | 3.8 | 4.4 | 58.6 | 2.2 | NA | NA | NA | NA | NA | NA |
| 5/27/2019 | 4.4 | 0.20 | 4.0 | 4.7 | 63.0 | 2.7 | NA | NA | NA | NA | NA | NA |
| 5/28/2019 | 5.0 | 0.25 | 4.7 | 5.6 | 67.9 | 3.6 | NA | NA | NA | NA | NA | NA |
| 5/29/2019 | 3.9 | 1.50 | 0.7 | 5.3 | 71.8 | 3.6 | NA | NA | NA | NA | NA | NA |
| 5/30/2019 | 2.2 | 1.32 | 0.7 | 4.2 | 74.0 | 3.6 | NA | NA | NA | NA | NA | NA |
| 5/31/2019 | 3.4 | 1.17 | 1.6 | 5.7 | 77.4 | 3.6 | NA | NA | NA | NA | NA | NA |

June

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/1/2019 | 3.8 | 0.54 | 2.9 | 4.5 | 3.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 6/2/2019 | 3.6 | 0.57 | 2.6 | 4.2 | 7.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 6/3/2019 | 2.9 | 0.71 | 1.8 | 3.8 | 10.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 6/4/2019 | 3.8 | 0.45 | 3.0 | 4.3 | 14.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 6/5/2019 | 4.3 | 0.52 | 3.4 | 4.8 | 18.4 | 0.3 | NA | NA | NA | NA | NA | NA |
| 6/6/2019 | 4.3 | 0.28 | 3.7 | 4.8 | 22.7 | 0.6 | NA | NA | NA | NA | NA | NA |
| 6/7/2019 | 4.1 | 0.57 | 3.4 | 5.2 | 26.8 | 0.7 | NA | NA | NA | NA | NA | NA |
| 6/8/2019 | 4.3 | 0.49 | 3.8 | 5.5 | 31.1 | 0.9 | NA | NA | NA | NA | NA | NA |
| 6/9/2019 | 5.7 | 1.17 | 4.0 | 7.1 | 36.7 | 2.6 | NA | NA | NA | NA | NA | NA |
| 6/10/2019 | 6.2 | 1.32 | 4.1 | 7.8 | 42.9 | 4.8 | NA | NA | NA | NA | NA | NA |
| 6/11/2019 | 5.4 | 0.47 | 4.1 | 5.8 | 48.3 | 6.2 | NA | NA | NA | NA | NA | NA |
| 6/12/2019 | 9.0 | 1.70 | 5.5 | 10.3 | 57.3 | 11.2 | NA | NA | NA | NA | NA | NA |
| 6/13/2019 | 10.6 | 0.21 | 10.2 | 10.9 | 67.9 | 17.7 | NA | NA | NA | NA | NA | NA |
| 6/14/2019 | 3.9 | 1.37 | 2.5 | 7.8 | 71.7 | 17.7 | NA | NA | NA | NA | NA | NA |
| 6/15/2019 | 5.3 | 1.14 | 3.5 | 7.4 | 77.1 | 19.1 | NA | NA | NA | NA | NA | NA |
| 6/16/2019 | 6.1 | 0.55 | 5.2 | 6.9 | 83.2 | 21.2 | NA | NA | NA | NA | NA | NA |
| 6/17/2019 | 6.1 | 0.56 | 5.0 | 6.7 | 89.2 | 23.2 | NA | NA | NA | NA | NA | NA |
| 6/18/2019 | 6.4 | 0.54 | 5.7 | 7.3 | 95.6 | 25.6 | NA | NA | NA | NA | NA | NA |
| 6/19/2019 | 6.4 | 0.56 | 5.7 | 7.3 | 102.0 | 28.0 | NA | NA | NA | NA | NA | NA |
| 6/20/2019 | 6.0 | 0.31 | 5.6 | 6.4 | 108.1 | 30.1 | NA | NA | NA | NA | NA | NA |
| 6/21/2019 | 5.2 | 0.80 | 3.8 | 6.2 | 113.2 | 31.2 | NA | NA | NA | NA | NA | NA |
| 6/22/2019 | 6.2 | 1.72 | 4.2 | 8.9 | 119.5 | 33.5 | NA | NA | NA | NA | NA | NA |
| 6/23/2019 | 9.6 | 1.84 | 5.9 | 11.4 | 129.0 | 39.0 | NA | NA | NA | NA | NA | NA |
| 6/24/2019 | 12.2 | 1.24 | 10.0 | 13.8 | 141.3 | 47.3 | NA | NA | NA | NA | NA | NA |
| 6/25/2019 | 11.0 | 2.46 | 6.5 | 13.4 | 152.2 | 54.2 | NA | NA | NA | NA | NA | NA |
| 6/26/2019 | 7.6 | 1.39 | 5.1 | 9.6 | 159.8 | 57.8 | NA | NA | NA | NA | NA | NA |
| 6/27/2019 | 5.4 | 0.24 | 4.9 | 5.6 | 165.2 | 59.2 | NA | NA | NA | NA | NA | NA |
| 6/28/2019 | 5.5 | 0.29 | 5.0 | 6.0 | 170.6 | 60.6 | NA | NA | NA | NA | NA | NA |
| 6/29/2019 | 5.8 | 0.30 | 5.3 | 6.2 | 176.4 | 62.4 | NA | NA | NA | NA | NA | NA |
| 6/30/2019 | 6.1 | 0.23 | 5.8 | 6.8 | 182.6 | 64.6 | NA | NA | NA | NA | NA | NA |

July

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/1/2019 | 5.8 | 0.38 | 4.9 | 6.4 | 5.8 | 1.8 | NA | NA | NA | NA | NA | NA |
| 7/2/2019 | 6.4 | 0.76 | 5.0 | 7.8 | 12.2 | 4.2 | NA | NA | NA | NA | NA | NA |
| 7/3/2019 | 7.3 | 0.82 | 5.3 | 8.2 | 19.5 | 7.5 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/4/2019 | 8.0 | 0.50 | 7.3 | 8.9 | 27.5 | 11.5 | NA | NA | NA | NA | NA | NA |
| 7/5/2019 | 7.3 | 0.45 | 6.0 | 7.7 | 34.8 | 14.8 | NA | NA | NA | NA | NA | NA |
| 7/6/2019 | 7.7 | 0.41 | 6.8 | 8.1 | 42.5 | 18.5 | NA | NA | NA | NA | NA | NA |
| 7/7/2019 | 11.4 | 3.20 | 7.9 | 16.5 | 53.9 | 25.9 | NA | NA | NA | NA | NA | NA |
| 7/8/2019 | 11.9 | 1.99 | 8.0 | 15.2 | 65.9 | 33.9 | NA | NA | NA | NA | NA | NA |
| 7/9/2019 | 12.0 | 1.39 | 9.1 | 14.6 | 77.8 | 41.8 | NA | NA | NA | NA | NA | NA |
| 7/10/2019 | 10.5 | 1.25 | 8.3 | 12.2 | 88.3 | 48.3 | NA | NA | NA | NA | NA | NA |
| 7/11/2019 | 9.2 | 1.69 | 6.0 | 11.7 | 97.5 | 53.5 | NA | NA | NA | NA | NA | NA |
| 7/12/2019 | 7.3 | 1.16 | 5.8 | 9.9 | 104.9 | 56.9 | NA | NA | NA | NA | NA | NA |
| 7/13/2019 | 6.4 | 1.00 | 5.2 | 8.4 | 111.3 | 59.3 | NA | NA | NA | NA | NA | NA |
| 7/14/2019 | 6.2 | 0.34 | 5.7 | 6.8 | 117.4 | 61.4 | NA | NA | NA | NA | NA | NA |
| 7/15/2019 | 7.8 | 1.92 | 6.3 | 13.1 | 125.3 | 65.3 | NA | NA | NA | NA | NA | NA |
| 7/17/2019 | 12.1 | 0.82 | 10.9 | 13.7 | 137.3 | 73.3 | NA | NA | NA | NA | NA | NA |
| 7/18/2019 | 13.8 | 0.81 | 12.0 | 15.0 | 151.2 | 83.2 | NA | NA | NA | NA | NA | NA |
| 7/19/2019 | 14.1 | 1.09 | 12.5 | 15.1 | 165.3 | 93.3 | NA | NA | NA | NA | NA | NA |
| 7/20/2019 | 9.8 | 2.28 | 7.5 | 14.0 | 175.1 | 99.1 | NA | NA | NA | NA | NA | NA |
| 7/21/2019 | 8.2 | 0.90 | 6.8 | 9.3 | 183.4 | 103.4 | NA | NA | NA | NA | NA | NA |
| 7/22/2019 | 8.9 | 0.56 | 8.2 | 10.0 | 192.3 | 108.3 | NA | NA | NA | NA | NA | NA |
| 7/23/2019 | 8.7 | 0.49 | 8.1 | 9.5 | 201.0 | 113.0 | NA | NA | NA | NA | NA | NA |
| 7/24/2019 | 10.2 | 0.51 | 9.3 | 11.1 | 211.1 | 119.1 | NA | NA | NA | NA | NA | NA |
| 7/25/2019 | 10.4 | 0.35 | 9.7 | 10.8 | 221.5 | 125.5 | NA | NA | NA | NA | NA | NA |
| 7/26/2019 | 10.8 | 0.39 | 10.2 | 11.4 | 232.3 | 132.3 | NA | NA | NA | NA | NA | NA |
| 7/27/2019 | 10.5 | 0.42 | 10.0 | 11.4 | 242.8 | 138.8 | NA | NA | NA | NA | NA | NA |
| 7/28/2019 | 10.4 | 0.65 | 9.1 | 11.3 | 253.2 | 145.2 | NA | NA | NA | NA | NA | NA |
| 7/29/2019 | 10.2 | 0.57 | 9.1 | 11.3 | 263.4 | 151.4 | NA | NA | NA | NA | NA | NA |
| 7/30/2019 | 9.3 | 0.61 | 8.7 | 10.6 | 272.8 | 156.8 | NA | NA | NA | NA | NA | NA |
| 7/31/2019 | 8.6 | 0.87 | 6.5 | 9.7 | 281.4 | 161.4 | NA | NA | NA | NA | NA | NA |

August

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/1/2019 | 11.3 | 1.94 | 7.3 | 13.1 | 11.3 | 7.3 | NA | NA | NA | NA | NA | NA |
| 8/2/2019 | 11.7 | 2.01 | 8.0 | 15.3 | 23.0 | 15.0 | NA | NA | NA | NA | NA | NA |
| 8/3/2019 | 11.3 | 2.19 | 7.8 | 14.1 | 34.3 | 22.3 | NA | NA | NA | NA | NA | NA |
| 8/4/2019 | 11.3 | 1.97 | 7.5 | 13.1 | 45.7 | 29.7 | NA | NA | NA | NA | NA | NA |
| 8/5/2019 | 11.8 | 2.06 | 7.8 | 14.7 | 57.5 | 37.5 | NA | NA | NA | NA | NA | NA |
| 8/6/2019 | 11.2 | 2.31 | 7.1 | 14.4 | 68.7 | 44.7 | NA | NA | NA | NA | NA | NA |
| 8/7/2019 | 10.3 | 2.85 | 6.1 | 13.1 | 79.0 | 51.0 | NA | NA | NA | NA | NA | NA |
| 8/8/2019 | 10.5 | 2.73 | 6.5 | 13.1 | 89.5 | 57.5 | NA | NA | NA | NA | NA | NA |
| 8/9/2019 | 10.4 | 2.78 | 6.9 | 13.1 | 99.8 | 63.8 | NA | NA | NA | NA | NA | NA |
| 8/10/2019 | 10.1 | 3.06 | 6.0 | 13.1 | 109.9 | 69.9 | NA | NA | NA | NA | NA | NA |
| 8/11/2019 | 10.5 | 2.60 | 7.3 | 13.1 | 120.5 | 76.5 | NA | NA | NA | NA | NA | NA |
| 8/12/2019 | 10.8 | 2.31 | 7.8 | 13.1 | 131.3 | 83.3 | NA | NA | NA | NA | NA | NA |
| 8/13/2019 | 11.2 | 2.56 | 6.8 | 14.5 | 142.5 | 90.5 | NA | NA | NA | NA | NA | NA |
| 8/14/2019 | 13.2 | 0.81 | 10.6 | 14.8 | 155.7 | 99.7 | NA | NA | NA | NA | NA | NA |
| 8/15/2019 | 13.5 | 1.64 | 9.0 | 16.3 | 169.2 | 109.2 | NA | NA | NA | NA | NA | NA |
| 8/16/2019 | 13.7 | 1.42 | 11.5 | 16.5 | 183.0 | 119.0 | NA | NA | NA | NA | NA | NA |
| 8/17/2019 | 12.5 | 1.49 | 10.2 | 15.9 | 195.5 | 127.5 | NA | NA | NA | NA | NA | NA |
| 8/18/2019 | 10.8 | 0.84 | 9.4 | 12.1 | 206.3 | 134.3 | NA | NA | NA | NA | NA | NA |
| 8/19/2019 | 10.5 | 0.73 | 9.4 | 11.4 | 216.8 | 140.8 | NA | NA | NA | NA | NA | NA |
| 8/20/2019 | 12.7 | 1.74 | 10.5 | 16.3 | 229.4 | 149.4 | NA | NA | NA | NA | NA | NA |
| 8/21/2019 | 12.9 | 1.44 | 11.5 | 15.9 | 242.3 | 158.3 | NA | NA | NA | NA | NA | NA |
| 8/22/2019 | 11.9 | 0.86 | 10.0 | 12.8 | 254.2 | 166.2 | NA | NA | NA | NA | NA | NA |
| 8/23/2019 | 12.5 | 1.72 | 10.8 | 16.5 | 266.8 | 174.8 | NA | NA | NA | NA | NA | NA |
| 8/24/2019 | 13.7 | 2.57 | 10.9 | 17.3 | 280.4 | 184.4 | NA | NA | NA | NA | NA | NA |
| 8/25/2019 | 11.8 | 1.37 | 10.1 | 13.7 | 292.2 | 192.2 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/26/2019 | 11.0 | 1.21 | 9.0 | 13.5 | 303.2 | 199.2 | NA | NA | NA | NA | NA | NA |
| 8/27/2019 | 11.4 | 1.36 | 9.5 | 13.2 | 314.6 | 206.6 | NA | NA | NA | NA | NA | NA |
| 8/28/2019 | 10.6 | 0.81 | 8.9 | 11.6 | 325.2 | 213.2 | NA | NA | NA | NA | NA | NA |
| 8/29/2019 | 8.7 | 1.09 | 7.4 | 11.4 | 334.0 | 218.0 | NA | NA | NA | NA | NA | NA |
| 8/30/2019 | 10.2 | 1.33 | 7.6 | 12.5 | 344.1 | 224.1 | NA | NA | NA | NA | NA | NA |
| 8/31/2019 | 13.3 | 3.91 | 8.0 | 17.3 | 357.4 | 233.4 | NA | NA | NA | NA | NA | NA |

September

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/1/2019 | 14.8 | 2.36 | 9.3 | 17.5 | 14.8 | 10.8 | NA | NA | NA | NA | NA | NA |
| 9/2/2019 | 11.5 | 2.98 | 5.9 | 17.6 | 26.2 | 18.2 | NA | NA | NA | NA | NA | NA |
| 9/3/2019 | 13.2 | 1.65 | 10.0 | 16.1 | 39.4 | 27.4 | NA | NA | NA | NA | NA | NA |
| 9/4/2019 | 13.0 | 1.84 | 8.3 | 16.3 | 52.4 | 36.4 | NA | NA | NA | NA | NA | NA |
| 9/5/2019 | 14.0 | 1.33 | 11.9 | 16.1 | 66.4 | 46.4 | NA | NA | NA | NA | NA | NA |
| 9/6/2019 | 13.5 | 1.62 | 9.3 | 15.9 | 79.9 | 55.9 | NA | NA | NA | NA | NA | NA |
| 9/7/2019 | 11.3 | 2.79 | 5.1 | 13.5 | 91.1 | 63.1 | NA | NA | NA | NA | NA | NA |
| 9/8/2019 | 12.0 | 2.51 | 4.1 | 13.1 | 103.1 | 71.1 | NA | NA | NA | NA | NA | NA |
| 9/9/2019 | 13.1 | 0.25 | 12.6 | 13.5 | 116.2 | 80.2 | NA | NA | NA | NA | NA | NA |
| 9/10/2019 | 13.1 | 0.12 | 12.9 | 13.5 | 129.3 | 89.3 | NA | NA | NA | NA | NA | NA |
| 9/11/2019 | 13.0 | 0.09 | 12.7 | 13.2 | 142.3 | 98.3 | NA | NA | NA | NA | NA | NA |
| 9/12/2019 | 12.8 | 0.36 | 11.9 | 13.1 | 155.1 | 107.1 | NA | NA | NA | NA | NA | NA |
| 9/13/2019 | 13.0 | 0.11 | 12.8 | 13.3 | 168.2 | 116.2 | NA | NA | NA | NA | NA | NA |
| 9/14/2019 | 13.1 | 0.10 | 12.8 | 13.3 | 181.2 | 125.2 | NA | NA | NA | NA | NA | NA |
| 9/15/2019 | 13.2 | 0.18 | 13.1 | 13.6 | 194.5 | 134.5 | NA | NA | NA | NA | NA | NA |
| 9/16/2019 | 13.3 | 0.26 | 13.1 | 13.7 | 207.8 | 143.8 | NA | NA | NA | NA | NA | NA |
| 9/17/2019 | 13.2 | 0.63 | 11.7 | 13.7 | 221.0 | 153.0 | NA | NA | NA | NA | NA | NA |
| 9/18/2019 | 12.7 | 0.28 | 12.4 | 13.4 | 233.7 | 161.7 | NA | NA | NA | NA | NA | NA |
| 9/19/2019 | 13.1 | 0.21 | 12.7 | 13.4 | 246.8 | 170.8 | NA | NA | NA | NA | NA | NA |
| 9/20/2019 | 13.3 | 0.18 | 12.9 | 13.5 | 260.1 | 180.1 | NA | NA | NA | NA | NA | NA |
| 9/21/2019 | 13.4 | 0.14 | 13.1 | 13.7 | 273.5 | 189.5 | NA | NA | NA | NA | NA | NA |
| 9/22/2019 | 13.6 | 0.07 | 13.4 | 13.7 | 287.1 | 199.1 | NA | NA | NA | NA | NA | NA |
| 9/23/2019 | 13.8 | 0.24 | 13.5 | 14.1 | 300.9 | 208.9 | NA | NA | NA | NA | NA | NA |
| 9/24/2019 | 10.7 | 3.71 | 6.1 | 14.0 | 311.7 | 215.7 | NA | NA | NA | NA | NA | NA |
| 9/25/2019 | 7.4 | 1.81 | 5.2 | 9.9 | 319.1 | 219.1 | NA | NA | NA | NA | NA | NA |
| 9/26/2019 | 11.2 | 1.07 | 9.7 | 12.7 | 330.3 | 226.3 | NA | NA | NA | NA | NA | NA |
| 9/27/2019 | 13.0 | 0.64 | 11.9 | 13.5 | 343.3 | 235.3 | NA | NA | NA | NA | NA | NA |
| 9/28/2019 | 13.2 | 0.05 | 13.1 | 13.3 | 356.5 | 244.5 | NA | NA | NA | NA | NA | NA |
| 9/29/2019 | 13.3 | 0.09 | 13.1 | 13.4 | 369.8 | 253.8 | NA | NA | NA | NA | NA | NA |
| 9/30/2019 | 12.9 | 0.08 | 12.8 | 13.0 | 382.7 | 262.7 | NA | NA | NA | NA | NA | NA |

October

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/1/2019 | 12.8 | 0.25 | 12.4 | 13.1 | 12.8 | 8.8 | NA | NA | NA | NA | NA | NA |
| 10/2/2019 | 12.4 | 0.84 | 10.7 | 13.1 | 25.2 | 17.2 | NA | NA | NA | NA | NA | NA |
| 10/3/2019 | 12.5 | 0.54 | 11.8 | 13.1 | 37.8 | 25.8 | NA | NA | NA | NA | NA | NA |
| 10/4/2019 | 12.5 | 0.57 | 11.9 | 13.1 | 50.3 | 34.3 | NA | NA | NA | NA | NA | NA |
| 10/5/2019 | 12.4 | 0.67 | 11.6 | 13.1 | 62.7 | 42.7 | NA | NA | NA | NA | NA | NA |
| 10/6/2019 | 12.4 | 0.73 | 11.0 | 13.1 | 75.0 | 51.0 | NA | NA | NA | NA | NA | NA |
| 10/7/2019 | 12.1 | 0.95 | 11.0 | 13.1 | 87.2 | 59.2 | NA | NA | NA | NA | NA | NA |
| 10/8/2019 | 12.2 | 0.92 | 10.9 | 13.1 | 99.3 | 67.3 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/9/2019 | 12.2 | 0.91 | 11.0 | 13.1 | 111.5 | 75.5 | NA | NA | NA | NA | NA | NA |
| 10/10/2019 | 12.1 | 1.00 | 10.9 | 13.1 | 123.6 | 83.6 | NA | NA | NA | NA | NA | NA |
| 10/11/2019 | 11.9 | 1.19 | 10.2 | 13.1 | 135.5 | 91.5 | NA | NA | NA | NA | NA | NA |
| 10/12/2019 | 11.5 | 1.65 | 9.7 | 13.1 | 147.0 | 99.0 | NA | NA | NA | NA | NA | NA |
| 10/13/2019 | 11.3 | 1.91 | 8.3 | 13.1 | 158.2 | 106.2 | NA | NA | NA | NA | NA | NA |
| 10/14/2019 | 11.9 | 1.21 | 10.5 | 13.1 | 170.1 | 114.1 | NA | NA | NA | NA | NA | NA |
| 10/15/2019 | 12.0 | 1.14 | 10.1 | 13.1 | 182.1 | 122.1 | NA | NA | NA | NA | NA | NA |
| 10/16/2019 | 12.1 | 0.94 | 10.9 | 13.1 | 194.2 | 130.2 | NA | NA | NA | NA | NA | NA |
| 10/17/2019 | 9.6 | 2.34 | 4.8 | 11.3 | 203.9 | 135.9 | NA | NA | NA | NA | NA | NA |
| 10/18/2019 | 8.7 | 1.70 | 5.4 | 10.6 | 212.5 | 140.5 | NA | NA | NA | NA | NA | NA |
| 10/19/2019 | 10.8 | 0.06 | 10.7 | 10.9 | 223.4 | 147.4 | NA | NA | NA | NA | NA | NA |
| 10/20/2019 | 10.8 | 0.04 | 10.8 | 10.9 | 234.2 | 154.2 | NA | NA | NA | NA | NA | NA |
| 10/21/2019 | 10.4 | 0.19 | 10.3 | 10.8 | 244.6 | 160.6 | NA | NA | NA | NA | NA | NA |
| 10/22/2019 | 10.3 | 0.04 | 10.2 | 10.4 | 255.0 | 167.0 | NA | NA | NA | NA | NA | NA |
| 10/23/2019 | 9.7 | 0.50 | 9.0 | 10.3 | 264.7 | 172.7 | NA | NA | NA | NA | NA | NA |
| 10/24/2019 | 9.7 | 0.75 | 8.0 | 10.4 | 274.4 | 178.4 | NA | NA | NA | NA | NA | NA |
| 10/25/2019 | 10.3 | 0.05 | 10.2 | 10.4 | 284.7 | 184.7 | NA | NA | NA | NA | NA | NA |
| 10/26/2019 | 10.2 | 0.04 | 10.1 | 10.3 | 294.9 | 190.9 | NA | NA | NA | NA | NA | NA |
| 10/27/2019 | 10.0 | 0.06 | 9.9 | 10.1 | 304.9 | 196.9 | NA | NA | NA | NA | NA | NA |
| 10/28/2019 | 9.8 | 0.11 | 9.5 | 10.0 | 314.7 | 202.7 | NA | NA | NA | NA | NA | NA |
| 10/29/2019 | 9.7 | 0.14 | 9.4 | 9.8 | 324.4 | 208.4 | NA | NA | NA | NA | NA | NA |
| 10/30/2019 | 9.7 | 0.15 | 9.4 | 9.8 | 334.1 | 214.1 | NA | NA | NA | NA | NA | NA |
| 10/31/2019 | 9.7 | 0.16 | 9.4 | 9.9 | 343.8 | 219.8 | NA | NA | NA | NA | NA | NA |

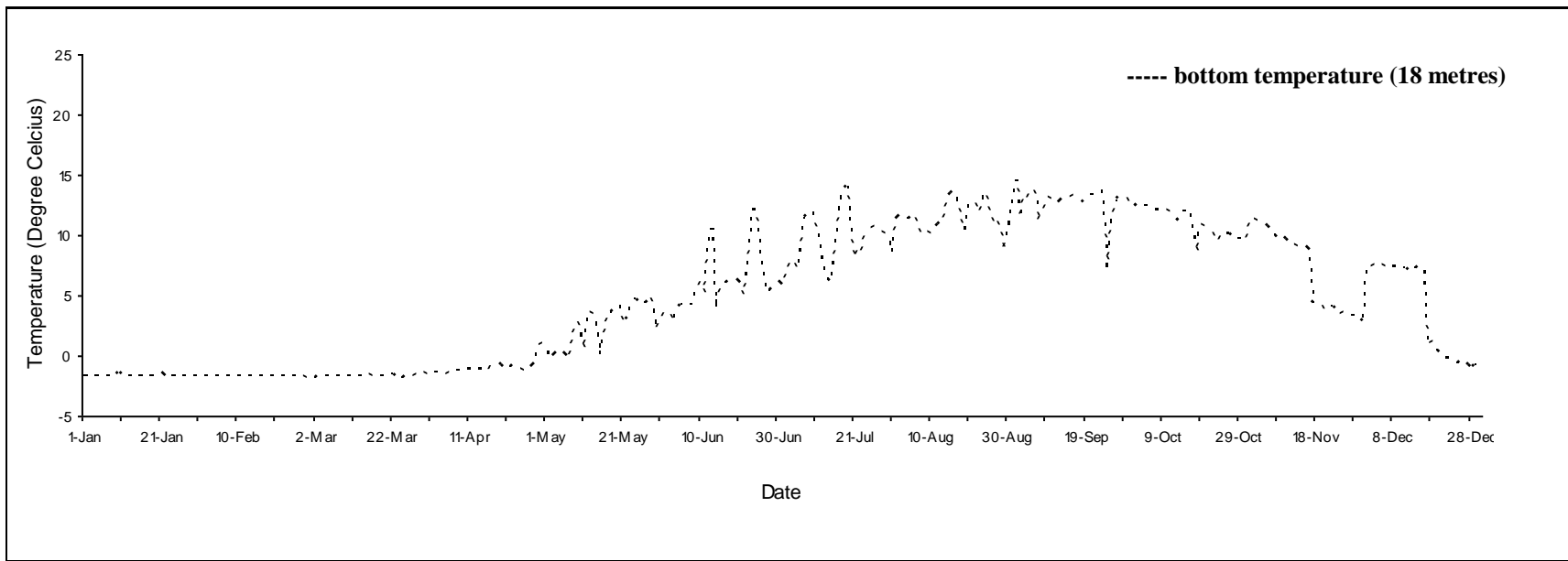
November

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 11/1/2019 | 11.4 | 1.68 | 9.4 | 13.1 | 11.4 | 7.4 | NA | NA | NA | NA | NA | NA |
| 11/2/2019 | 11.3 | 1.76 | 9.1 | 13.1 | 22.8 | 14.8 | NA | NA | NA | NA | NA | NA |
| 11/3/2019 | 11.1 | 2.05 | 8.9 | 13.1 | 33.8 | 21.8 | NA | NA | NA | NA | NA | NA |
| 11/4/2019 | 11.0 | 2.07 | 8.5 | 13.1 | 44.9 | 28.9 | NA | NA | NA | NA | NA | NA |
| 11/5/2019 | 10.8 | 2.29 | 8.4 | 13.1 | 55.7 | 35.7 | NA | NA | NA | NA | NA | NA |
| 11/6/2019 | 10.6 | 2.49 | 7.5 | 13.1 | 66.3 | 42.3 | NA | NA | NA | NA | NA | NA |
| 11/7/2019 | 10.0 | 3.17 | 6.2 | 13.1 | 76.3 | 48.3 | NA | NA | NA | NA | NA | NA |
| 11/8/2019 | 9.6 | 3.51 | 6.0 | 13.1 | 85.9 | 53.9 | NA | NA | NA | NA | NA | NA |
| 11/9/2019 | 10.0 | 3.16 | 6.3 | 13.1 | 95.9 | 59.9 | NA | NA | NA | NA | NA | NA |
| 11/10/2019 | 9.7 | 3.44 | 6.1 | 13.1 | 105.6 | 65.6 | NA | NA | NA | NA | NA | NA |
| 11/11/2019 | 9.5 | 3.65 | 5.5 | 13.1 | 115.1 | 71.1 | NA | NA | NA | NA | NA | NA |
| 11/12/2019 | 9.2 | 3.98 | 4.3 | 13.1 | 124.2 | 76.2 | NA | NA | NA | NA | NA | NA |
| 11/13/2019 | 9.0 | 4.11 | 4.3 | 13.1 | 133.3 | 81.3 | NA | NA | NA | NA | NA | NA |
| 11/14/2019 | 9.1 | 4.04 | 5.1 | 13.1 | 142.4 | 86.4 | NA | NA | NA | NA | NA | NA |
| 11/15/2019 | 9.1 | 4.04 | 5.1 | 13.1 | 151.5 | 91.5 | NA | NA | NA | NA | NA | NA |
| 11/16/2019 | 8.9 | 4.29 | 4.5 | 13.1 | 160.3 | 96.3 | NA | NA | NA | NA | NA | NA |
| 11/17/2019 | 4.3 | 0.07 | 4.3 | 4.5 | 164.7 | 96.7 | NA | NA | NA | NA | NA | NA |
| 11/18/2019 | 4.5 | 0.07 | 4.4 | 4.6 | 169.2 | 97.2 | NA | NA | NA | NA | NA | NA |
| 11/19/2019 | 4.5 | 0.09 | 4.3 | 4.6 | 173.6 | 97.6 | NA | NA | NA | NA | NA | NA |
| 11/20/2019 | 4.0 | 0.14 | 3.8 | 4.3 | 177.6 | 97.6 | NA | NA | NA | NA | NA | NA |
| 11/21/2019 | 4.2 | 0.09 | 4.1 | 4.3 | 181.8 | 97.8 | NA | NA | NA | NA | NA | NA |
| 11/22/2019 | 4.1 | 0.06 | 4.0 | 4.2 | 185.9 | 97.9 | NA | NA | NA | NA | NA | NA |
| 11/23/2019 | 3.7 | 0.23 | 3.5 | 4.1 | 189.6 | 97.9 | NA | NA | NA | NA | NA | NA |
| 11/24/2019 | 3.5 | 0.02 | 3.4 | 3.5 | 193.1 | 97.9 | NA | NA | NA | NA | NA | NA |
| 11/25/2019 | 3.6 | 0.21 | 3.4 | 4.0 | 196.7 | 97.9 | NA | NA | NA | NA | NA | NA |
| 11/26/2019 | 3.4 | 0.04 | 3.3 | 3.4 | 200.0 | 97.9 | NA | NA | NA | NA | NA | NA |
| 11/27/2019 | 3.3 | 0.06 | 3.1 | 3.3 | 203.3 | 97.9 | NA | NA | NA | NA | NA | NA |
| 11/28/2019 | 3.4 | 0.11 | 3.3 | 3.6 | 206.7 | 97.9 | NA | NA | NA | NA | NA | NA |
| 11/29/2019 | 3.3 | 0.25 | 3.0 | 3.7 | 210.0 | 97.9 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 11/30/2019 | 2.7 | 0.31 | 2.2 | 3.1 | 212.7 | 97.9 | NA | NA | NA | NA | NA | NA |

December

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 12/1/2019 | 7.5 | 5.69 | 1.7 | 13.1 | 7.5 | 3.5 | NA | NA | NA | NA | NA | NA |
| 12/2/2019 | 7.4 | 5.77 | 1.5 | 13.1 | 14.9 | 6.9 | NA | NA | NA | NA | NA | NA |
| 12/3/2019 | 7.6 | 5.63 | 1.4 | 13.1 | 22.5 | 10.5 | NA | NA | NA | NA | NA | NA |
| 12/4/2019 | 7.7 | 5.48 | 1.5 | 13.1 | 30.2 | 14.2 | NA | NA | NA | NA | NA | NA |
| 12/5/2019 | 7.6 | 5.60 | 1.8 | 13.1 | 37.8 | 17.8 | NA | NA | NA | NA | NA | NA |
| 12/6/2019 | 7.4 | 5.76 | 1.6 | 13.1 | 45.2 | 21.2 | NA | NA | NA | NA | NA | NA |
| 12/7/2019 | 7.4 | 5.79 | 1.4 | 13.1 | 52.6 | 24.6 | NA | NA | NA | NA | NA | NA |
| 12/8/2019 | 7.4 | 5.76 | 1.3 | 13.1 | 60.0 | 28.0 | NA | NA | NA | NA | NA | NA |
| 12/9/2019 | 7.4 | 5.83 | 1.1 | 13.1 | 67.3 | 31.3 | NA | NA | NA | NA | NA | NA |
| 12/10/2019 | 7.4 | 5.76 | 1.5 | 13.1 | 74.8 | 34.8 | NA | NA | NA | NA | NA | NA |
| 12/11/2019 | 7.3 | 5.92 | 1.2 | 13.1 | 82.0 | 38.0 | NA | NA | NA | NA | NA | NA |
| 12/12/2019 | 7.2 | 6.01 | 1.1 | 13.1 | 89.2 | 41.2 | NA | NA | NA | NA | NA | NA |
| 12/13/2019 | 7.2 | 5.97 | 1.1 | 13.1 | 96.4 | 44.4 | NA | NA | NA | NA | NA | NA |
| 12/14/2019 | 7.3 | 5.88 | 1.4 | 13.1 | 103.7 | 47.7 | NA | NA | NA | NA | NA | NA |
| 12/15/2019 | 7.5 | 5.72 | 1.7 | 13.1 | 111.2 | 51.2 | NA | NA | NA | NA | NA | NA |
| 12/16/2019 | 7.2 | 5.98 | 1.1 | 13.1 | 118.4 | 54.4 | NA | NA | NA | NA | NA | NA |
| 12/17/2019 | 1.0 | 0.25 | 0.6 | 1.4 | 119.4 | 54.4 | NA | NA | NA | NA | NA | NA |
| 12/18/2019 | 1.2 | 0.05 | 1.0 | 1.2 | 120.5 | 54.4 | NA | NA | NA | NA | NA | NA |
| 12/19/2019 | 0.5 | 0.23 | 0.3 | 1.1 | 121.0 | 54.4 | NA | NA | NA | NA | NA | NA |
| 12/20/2019 | 0.3 | 0.18 | -0.1 | 0.5 | 121.3 | 54.4 | NA | NA | NA | NA | NA | NA |
| 12/21/2019 | 0.0 | 0.29 | -0.4 | 0.5 | 121.3 | 54.4 | NA | NA | NA | NA | NA | NA |
| 12/22/2019 | -0.2 | 0.10 | -0.4 | 0.0 | 121.3 | 54.4 | NA | NA | NA | NA | NA | NA |
| 12/23/2019 | -0.2 | 0.32 | -0.6 | 0.4 | 121.3 | 54.4 | NA | NA | NA | NA | NA | NA |
| 12/24/2019 | -0.4 | 0.29 | -0.7 | 0.1 | 121.3 | 54.4 | NA | NA | NA | NA | NA | NA |
| 12/25/2019 | -0.6 | 0.37 | -1.1 | 0.2 | 121.3 | 54.4 | NA | NA | NA | NA | NA | NA |
| 12/26/2019 | -0.3 | 0.38 | -1.1 | 0.0 | 121.3 | 54.4 | NA | NA | NA | NA | NA | NA |
| 12/27/2019 | -0.8 | 0.27 | -1.1 | -0.4 | 121.3 | 54.4 | NA | NA | NA | NA | NA | NA |
| 12/28/2019 | -1.2 | 0.14 | -1.4 | -0.9 | 121.3 | 54.4 | NA | NA | NA | NA | NA | NA |
| 12/29/2019 | -0.8 | 0.11 | -1.0 | -0.7 | 121.3 | 54.4 | NA | NA | NA | NA | NA | NA |
| 12/30/2019 | -0.8 | 0.23 | -1.2 | -0.4 | 121.3 | 54.4 | NA | NA | NA | NA | NA | NA |
| 12/31/2019 | -0.5 | 0.06 | -0.5 | -0.3 | 121.3 | 54.4 | NA | NA | NA | NA | NA | NA |



Daily mean temperature for Anse Bleue 2, N.B., 2019.

Anse Bleue 3, N.B.

2019

January

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 1/1/2019 | -1.5 | 0.09 | -1.6 | -1.3 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/2/2019 | -1.6 | 0.02 | -1.6 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/3/2019 | -1.6 | 0.05 | -1.6 | -1.5 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/4/2019 | -1.5 | 0.01 | -1.5 | -1.5 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/5/2019 | -1.5 | 0.01 | -1.5 | -1.5 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/6/2019 | -1.5 | 0.01 | -1.5 | -1.5 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/7/2019 | -1.5 | 0.01 | -1.6 | -1.5 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/8/2019 | -1.6 | 0.01 | -1.6 | -1.5 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/9/2019 | -1.6 | 0.02 | -1.6 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/10/2019 | -0.8 | 0.71 | -1.6 | 0.1 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/11/2019 | -1.5 | 0.04 | -1.6 | -1.5 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/12/2019 | -1.6 | 0.01 | -1.6 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/13/2019 | -1.6 | 0.01 | -1.6 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/14/2019 | -1.6 | 0.01 | -1.6 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/15/2019 | -1.6 | 0.01 | -1.6 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/16/2019 | -1.6 | 0.00 | -1.6 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/17/2019 | -1.6 | 0.01 | -1.6 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/18/2019 | -1.6 | 0.01 | -1.6 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/19/2019 | -1.6 | 0.02 | -1.6 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/20/2019 | -1.6 | 0.06 | -1.6 | -1.5 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/21/2019 | -0.9 | 0.86 | -1.6 | 0.5 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/22/2019 | -1.6 | 0.03 | -1.6 | -1.5 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/23/2019 | -1.6 | 0.02 | -1.6 | -1.5 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/24/2019 | -1.6 | 0.02 | -1.6 | -1.5 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/25/2019 | -1.6 | 0.01 | -1.6 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/26/2019 | -1.6 | 0.01 | -1.6 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/27/2019 | -1.6 | 0.01 | -1.6 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/28/2019 | -1.6 | 0.03 | -1.6 | -1.5 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/29/2019 | -1.6 | 0.01 | -1.6 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/30/2019 | -1.6 | 0.00 | -1.6 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 1/31/2019 | -1.6 | 0.01 | -1.6 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |

February

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 2/1/2019 | -1.6 | 0.00 | -1.6 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/2/2019 | -1.6 | 0.01 | -1.6 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/3/2019 | -1.6 | 0.01 | -1.6 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/4/2019 | -1.6 | 0.00 | -1.6 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/5/2019 | -1.6 | 0.01 | -1.6 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/6/2019 | -1.6 | 0.01 | -1.6 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/7/2019 | -1.6 | 0.07 | -1.6 | -1.4 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/8/2019 | -1.5 | 0.12 | -1.6 | -1.3 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/9/2019 | -1.6 | 0.03 | -1.6 | -1.5 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/10/2019 | -1.6 | 0.00 | -1.6 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/11/2019 | -1.6 | 0.04 | -1.6 | -1.5 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/12/2019 | -1.4 | 0.06 | -1.5 | -1.4 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/13/2019 | -1.5 | 0.08 | -1.6 | -1.4 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 2/14/2019 | -1.6 | 0.01 | -1.6 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/15/2019 | -1.6 | 0.01 | -1.6 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/16/2019 | -1.6 | 0.02 | -1.6 | -1.5 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/17/2019 | -1.6 | 0.02 | -1.6 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/18/2019 | -1.6 | 0.01 | -1.6 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/19/2019 | -1.6 | 0.01 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/20/2019 | -1.6 | 0.00 | -1.6 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/21/2019 | -1.6 | 0.00 | -1.6 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/22/2019 | -1.6 | 0.01 | -1.6 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/23/2019 | -1.6 | 0.00 | -1.6 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/24/2019 | -1.6 | 0.01 | -1.6 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/25/2019 | -1.6 | 0.01 | -1.6 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/26/2019 | -1.6 | 0.01 | -1.6 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/27/2019 | -1.7 | 0.00 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 2/28/2019 | -1.7 | 0.00 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |

March

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 3/1/2019 | -1.7 | 0.01 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/2/2019 | -1.7 | 0.01 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/3/2019 | -1.6 | 0.01 | -1.6 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/4/2019 | -1.6 | 0.01 | -1.6 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/5/2019 | -1.6 | 0.01 | -1.6 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/6/2019 | -1.6 | 0.01 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/7/2019 | -1.6 | 0.01 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/8/2019 | -1.6 | 0.02 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/9/2019 | -1.6 | 0.02 | -1.6 | -1.5 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/10/2019 | -1.6 | 0.02 | -1.6 | -1.5 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/11/2019 | -1.6 | 0.01 | -1.6 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/12/2019 | -1.6 | 0.01 | -1.6 | -1.5 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/13/2019 | -1.6 | 0.01 | -1.6 | -1.5 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/14/2019 | -1.6 | 0.02 | -1.6 | -1.5 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/15/2019 | -1.5 | 0.01 | -1.6 | -1.5 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/16/2019 | -1.5 | 0.03 | -1.5 | -1.4 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/17/2019 | -1.6 | 0.04 | -1.7 | -1.5 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/18/2019 | -1.7 | 0.03 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/19/2019 | -1.6 | 0.03 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/20/2019 | -1.6 | 0.01 | -1.6 | -1.5 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/21/2019 | -1.5 | 0.03 | -1.6 | -1.5 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/22/2019 | -1.5 | 0.02 | -1.5 | -1.5 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/23/2019 | -1.6 | 0.02 | -1.6 | -1.5 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/24/2019 | -1.6 | 0.02 | -1.6 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/25/2019 | -1.7 | 0.03 | -1.7 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/26/2019 | -1.5 | 0.03 | -1.6 | -1.5 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/27/2019 | -1.6 | 0.01 | -1.6 | -1.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/28/2019 | -1.5 | 0.08 | -1.6 | -1.4 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/29/2019 | -1.4 | 0.02 | -1.4 | -1.3 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/30/2019 | -1.3 | 0.04 | -1.4 | -1.3 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 3/31/2019 | -1.5 | 0.03 | -1.5 | -1.4 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |

April

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 4/1/2019 | -1.3 | 0.16 | -1.5 | -1.1 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/2/2019 | -1.2 | 0.05 | -1.3 | -1.1 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/3/2019 | -1.3 | 0.08 | -1.4 | -1.1 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/4/2019 | -1.4 | 0.02 | -1.4 | -1.4 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/5/2019 | -1.5 | 0.09 | -1.6 | -1.3 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/6/2019 | -1.3 | 0.03 | -1.4 | -1.3 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/7/2019 | -1.3 | 0.08 | -1.4 | -1.1 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/8/2019 | -1.2 | 0.02 | -1.2 | -1.1 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/9/2019 | -1.2 | 0.04 | -1.2 | -1.1 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/10/2019 | -1.2 | 0.01 | -1.2 | -1.1 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/11/2019 | -1.1 | 0.06 | -1.2 | -1.0 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/12/2019 | -1.1 | 0.06 | -1.2 | -0.9 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/13/2019 | -1.1 | 0.04 | -1.2 | -1.1 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/14/2019 | -1.1 | 0.04 | -1.1 | -1.0 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/15/2019 | -1.1 | 0.07 | -1.2 | -1.0 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/16/2019 | -1.1 | 0.16 | -1.2 | -0.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/17/2019 | -0.6 | 0.09 | -0.8 | -0.5 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/18/2019 | -0.4 | 0.20 | -0.8 | -0.2 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/19/2019 | -0.8 | 0.12 | -1.0 | -0.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/20/2019 | -0.8 | 0.17 | -1.0 | -0.5 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/21/2019 | -0.9 | 0.09 | -1.0 | -0.8 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/22/2019 | -0.8 | 0.13 | -1.0 | -0.6 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/23/2019 | -0.7 | 0.15 | -0.9 | -0.5 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/24/2019 | -1.0 | 0.11 | -1.1 | -0.8 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/25/2019 | -1.1 | 0.02 | -1.1 | -1.1 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/26/2019 | -1.0 | 0.07 | -1.1 | -0.9 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/27/2019 | -0.8 | 0.06 | -0.9 | -0.7 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/28/2019 | -0.5 | 0.40 | -0.8 | 0.4 | 0.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/29/2019 | 0.8 | 0.33 | 0.4 | 1.4 | 0.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/30/2019 | 0.7 | 0.32 | 0.3 | 1.5 | 1.6 | 0.0 | NA | NA | NA | NA | NA | NA |

May

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 5/1/2019 | 0.5 | 0.19 | 0.2 | 0.8 | 0.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/2/2019 | -0.2 | 0.04 | -0.3 | -0.2 | 0.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/3/2019 | -0.1 | 0.20 | -0.4 | 0.3 | 0.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/4/2019 | 0.4 | 0.13 | 0.2 | 0.7 | 0.9 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/5/2019 | 0.2 | 0.17 | -0.1 | 0.4 | 1.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/6/2019 | 0.0 | 0.12 | -0.2 | 0.2 | 1.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/7/2019 | -0.1 | 0.15 | -0.3 | 0.1 | 1.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/8/2019 | 1.1 | 1.21 | -0.1 | 2.9 | 2.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/9/2019 | 1.6 | 1.23 | 0.5 | 3.3 | 3.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/10/2019 | 0.5 | 0.50 | -0.1 | 1.4 | 4.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/11/2019 | 0.3 | 0.24 | -0.1 | 0.8 | 4.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/12/2019 | 1.7 | 0.93 | 0.7 | 4.0 | 6.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/13/2019 | 2.7 | 0.93 | 0.9 | 4.1 | 9.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/14/2019 | 0.5 | 0.27 | 0.1 | 0.9 | 9.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/15/2019 | 0.1 | 0.05 | 0.1 | 0.2 | 9.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/16/2019 | 1.7 | 1.18 | 0.1 | 3.1 | 11.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/17/2019 | 3.2 | 0.38 | 2.6 | 3.9 | 14.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/18/2019 | 3.1 | 0.42 | 2.5 | 4.1 | 17.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/19/2019 | 3.8 | 0.74 | 2.7 | 4.8 | 21.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/20/2019 | 3.6 | 0.81 | 1.5 | 4.4 | 25.1 | 0.0 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 5/21/2019 | 2.3 | 0.24 | 1.9 | 2.7 | 27.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/22/2019 | 3.1 | 0.79 | 2.1 | 4.4 | 30.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/23/2019 | 4.4 | 0.25 | 3.8 | 4.7 | 34.9 | 0.4 | NA | NA | NA | NA | NA | NA |
| 5/24/2019 | 4.1 | 0.31 | 3.7 | 4.6 | 39.0 | 0.6 | NA | NA | NA | NA | NA | NA |
| 5/25/2019 | 3.8 | 0.32 | 3.2 | 4.3 | 42.8 | 0.6 | NA | NA | NA | NA | NA | NA |
| 5/26/2019 | 3.8 | 0.22 | 3.2 | 4.1 | 46.6 | 0.6 | NA | NA | NA | NA | NA | NA |
| 5/27/2019 | 3.4 | 0.70 | 1.5 | 4.0 | 49.9 | 0.6 | NA | NA | NA | NA | NA | NA |
| 5/28/2019 | 4.1 | 0.34 | 3.3 | 4.5 | 54.0 | 0.6 | NA | NA | NA | NA | NA | NA |
| 5/29/2019 | 2.3 | 1.90 | -0.1 | 4.4 | 56.4 | 0.6 | NA | NA | NA | NA | NA | NA |
| 5/30/2019 | 0.9 | 0.41 | 0.4 | 1.7 | 57.3 | 0.6 | NA | NA | NA | NA | NA | NA |
| 5/31/2019 | 2.5 | 0.75 | 1.4 | 3.6 | 59.8 | 0.6 | NA | NA | NA | NA | NA | NA |

June

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/1/2019 | 3.2 | 0.72 | 2.1 | 4.1 | 3.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 6/2/2019 | 2.4 | 0.99 | 1.4 | 3.9 | 5.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 6/3/2019 | 2.1 | 0.74 | 0.9 | 2.8 | 7.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 6/4/2019 | 3.2 | 0.70 | 1.6 | 4.3 | 11.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 6/5/2019 | 3.8 | 0.63 | 2.6 | 4.7 | 14.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 6/6/2019 | 3.3 | 0.79 | 1.6 | 4.4 | 18.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 6/7/2019 | 2.2 | 0.82 | 1.0 | 3.6 | 20.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 6/8/2019 | 2.7 | 0.76 | 1.2 | 3.5 | 22.9 | 0.0 | NA | NA | NA | NA | NA | NA |
| 6/9/2019 | 4.4 | 1.20 | 2.8 | 6.9 | 27.3 | 0.4 | NA | NA | NA | NA | NA | NA |
| 6/10/2019 | 4.6 | 1.23 | 3.6 | 7.2 | 31.9 | 0.9 | NA | NA | NA | NA | NA | NA |
| 6/11/2019 | 5.0 | 0.43 | 4.1 | 5.6 | 36.8 | 1.9 | NA | NA | NA | NA | NA | NA |
| 6/12/2019 | 7.9 | 2.19 | 4.8 | 10.1 | 44.7 | 5.8 | NA | NA | NA | NA | NA | NA |
| 6/13/2019 | 7.1 | 3.50 | 2.9 | 10.8 | 51.8 | 8.8 | NA | NA | NA | NA | NA | NA |
| 6/14/2019 | 1.8 | 0.88 | 0.6 | 3.3 | 53.6 | 8.8 | NA | NA | NA | NA | NA | NA |
| 6/15/2019 | 3.3 | 1.73 | 0.6 | 5.4 | 56.9 | 8.8 | NA | NA | NA | NA | NA | NA |
| 6/16/2019 | 4.9 | 0.66 | 4.0 | 5.8 | 61.8 | 9.7 | NA | NA | NA | NA | NA | NA |
| 6/17/2019 | 5.1 | 0.71 | 3.3 | 6.0 | 66.9 | 10.8 | NA | NA | NA | NA | NA | NA |
| 6/18/2019 | 5.3 | 0.55 | 4.4 | 6.2 | 72.1 | 12.0 | NA | NA | NA | NA | NA | NA |
| 6/19/2019 | 4.5 | 1.43 | 1.7 | 6.1 | 76.7 | 12.6 | NA | NA | NA | NA | NA | NA |
| 6/20/2019 | 3.8 | 1.30 | 1.2 | 5.8 | 80.5 | 12.6 | NA | NA | NA | NA | NA | NA |
| 6/21/2019 | 3.9 | 0.73 | 2.7 | 5.2 | 84.4 | 12.6 | NA | NA | NA | NA | NA | NA |
| 6/22/2019 | 4.7 | 1.10 | 3.6 | 6.7 | 89.1 | 13.3 | NA | NA | NA | NA | NA | NA |
| 6/23/2019 | 6.4 | 1.04 | 4.4 | 7.5 | 95.4 | 15.7 | NA | NA | NA | NA | NA | NA |
| 6/24/2019 | 7.1 | 0.80 | 5.8 | 8.6 | 102.5 | 18.8 | NA | NA | NA | NA | NA | NA |
| 6/25/2019 | 6.0 | 1.49 | 3.7 | 7.9 | 108.6 | 20.8 | NA | NA | NA | NA | NA | NA |
| 6/26/2019 | 5.1 | 0.64 | 3.6 | 6.0 | 113.7 | 21.9 | NA | NA | NA | NA | NA | NA |
| 6/27/2019 | 4.9 | 0.42 | 3.9 | 5.5 | 118.6 | 22.8 | NA | NA | NA | NA | NA | NA |
| 6/28/2019 | 5.0 | 0.41 | 4.0 | 5.6 | 123.5 | 23.8 | NA | NA | NA | NA | NA | NA |
| 6/29/2019 | 5.8 | 0.43 | 5.0 | 6.2 | 129.3 | 25.5 | NA | NA | NA | NA | NA | NA |
| 6/30/2019 | 5.3 | 0.45 | 4.8 | 6.0 | 134.6 | 26.9 | NA | NA | NA | NA | NA | NA |

July

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/1/2019 | 4.7 | 0.58 | 3.8 | 5.7 | 4.7 | 0.7 | NA | NA | NA | NA | NA | NA |
| 7/2/2019 | 5.6 | 0.79 | 4.5 | 7.2 | 10.3 | 2.3 | NA | NA | NA | NA | NA | NA |
| 7/3/2019 | 6.5 | 1.05 | 4.6 | 7.8 | 16.8 | 4.8 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/4/2019 | 6.9 | 0.70 | 6.1 | 8.0 | 23.7 | 7.7 | NA | NA | NA | NA | NA | NA |
| 7/5/2019 | 6.5 | 0.57 | 5.5 | 7.3 | 30.2 | 10.2 | NA | NA | NA | NA | NA | NA |
| 7/6/2019 | 6.1 | 1.23 | 2.5 | 7.2 | 36.3 | 12.3 | NA | NA | NA | NA | NA | NA |
| 7/7/2019 | 7.1 | 1.04 | 5.0 | 9.4 | 43.4 | 15.4 | NA | NA | NA | NA | NA | NA |
| 7/8/2019 | 8.1 | 2.14 | 5.3 | 11.9 | 51.5 | 19.5 | NA | NA | NA | NA | NA | NA |
| 7/9/2019 | 7.1 | 1.42 | 4.0 | 8.4 | 58.6 | 22.6 | NA | NA | NA | NA | NA | NA |
| 7/10/2019 | 5.7 | 1.67 | 3.5 | 9.8 | 64.3 | 24.3 | NA | NA | NA | NA | NA | NA |
| 7/11/2019 | 5.9 | 0.92 | 4.7 | 7.5 | 70.2 | 26.2 | NA | NA | NA | NA | NA | NA |
| 7/12/2019 | 6.1 | 1.00 | 4.8 | 8.0 | 76.2 | 28.2 | NA | NA | NA | NA | NA | NA |
| 7/13/2019 | 5.7 | 0.64 | 5.0 | 7.3 | 81.9 | 29.9 | NA | NA | NA | NA | NA | NA |
| 7/14/2019 | 5.9 | 0.33 | 5.3 | 6.4 | 87.8 | 31.8 | NA | NA | NA | NA | NA | NA |
| 7/15/2019 | 6.7 | 0.41 | 6.1 | 7.6 | 94.5 | 34.5 | NA | NA | NA | NA | NA | NA |
| 7/17/2019 | 8.8 | 1.85 | 6.2 | 11.7 | 103.3 | 39.3 | NA | NA | NA | NA | NA | NA |
| 7/18/2019 | 9.0 | 2.69 | 4.3 | 13.7 | 112.3 | 44.3 | NA | NA | NA | NA | NA | NA |
| 7/19/2019 | 7.3 | 2.87 | 3.9 | 13.9 | 119.6 | 47.6 | NA | NA | NA | NA | NA | NA |
| 7/20/2019 | 5.2 | 0.92 | 3.9 | 7.4 | 124.8 | 48.8 | NA | NA | NA | NA | NA | NA |
| 7/21/2019 | 6.0 | 1.31 | 4.3 | 8.3 | 130.9 | 50.9 | NA | NA | NA | NA | NA | NA |
| 7/22/2019 | 7.7 | 0.83 | 6.3 | 8.8 | 138.5 | 54.5 | NA | NA | NA | NA | NA | NA |
| 7/23/2019 | 6.7 | 0.45 | 6.1 | 7.9 | 145.2 | 57.2 | NA | NA | NA | NA | NA | NA |
| 7/24/2019 | 8.0 | 0.58 | 6.9 | 9.0 | 153.2 | 61.2 | NA | NA | NA | NA | NA | NA |
| 7/25/2019 | 8.0 | 1.06 | 6.0 | 9.6 | 161.2 | 65.2 | NA | NA | NA | NA | NA | NA |
| 7/26/2019 | 7.4 | 1.17 | 5.8 | 10.1 | 168.6 | 68.6 | NA | NA | NA | NA | NA | NA |
| 7/27/2019 | 8.1 | 0.91 | 6.9 | 9.7 | 176.6 | 72.6 | NA | NA | NA | NA | NA | NA |
| 7/28/2019 | 7.2 | 0.51 | 6.3 | 8.0 | 183.9 | 75.9 | NA | NA | NA | NA | NA | NA |
| 7/29/2019 | 7.1 | 0.63 | 6.2 | 8.3 | 191.0 | 79.0 | NA | NA | NA | NA | NA | NA |
| 7/30/2019 | 6.7 | 1.01 | 5.1 | 8.8 | 197.7 | 81.7 | NA | NA | NA | NA | NA | NA |
| 7/31/2019 | 6.4 | 0.80 | 5.3 | 7.6 | 204.1 | 84.1 | NA | NA | NA | NA | NA | NA |

August

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/1/2019 | 10.1 | 3.10 | 5.1 | 13.1 | 10.1 | 6.1 | NA | NA | NA | NA | NA | NA |
| 8/2/2019 | 10.2 | 3.00 | 5.1 | 13.1 | 20.3 | 12.3 | NA | NA | NA | NA | NA | NA |
| 8/3/2019 | 9.4 | 4.00 | 2.6 | 13.1 | 29.7 | 17.7 | NA | NA | NA | NA | NA | NA |
| 8/4/2019 | 9.1 | 4.20 | 2.3 | 13.1 | 38.8 | 22.8 | NA | NA | NA | NA | NA | NA |
| 8/5/2019 | 9.8 | 3.57 | 3.8 | 13.1 | 48.6 | 28.6 | NA | NA | NA | NA | NA | NA |
| 8/6/2019 | 9.4 | 3.91 | 4.1 | 13.1 | 58.0 | 34.0 | NA | NA | NA | NA | NA | NA |
| 8/7/2019 | 9.3 | 3.93 | 4.3 | 13.1 | 67.2 | 39.2 | NA | NA | NA | NA | NA | NA |
| 8/8/2019 | 9.9 | 3.22 | 6.4 | 13.1 | 77.1 | 45.1 | NA | NA | NA | NA | NA | NA |
| 8/9/2019 | 9.6 | 3.53 | 5.0 | 13.1 | 86.8 | 50.8 | NA | NA | NA | NA | NA | NA |
| 8/10/2019 | 9.9 | 3.29 | 5.8 | 13.1 | 96.6 | 56.6 | NA | NA | NA | NA | NA | NA |
| 8/11/2019 | 10.3 | 2.86 | 6.9 | 13.1 | 106.9 | 62.9 | NA | NA | NA | NA | NA | NA |
| 8/12/2019 | 10.3 | 2.83 | 7.0 | 13.1 | 117.2 | 69.2 | NA | NA | NA | NA | NA | NA |
| 8/13/2019 | 10.7 | 2.68 | 6.7 | 13.1 | 127.9 | 75.9 | NA | NA | NA | NA | NA | NA |
| 8/14/2019 | 10.4 | 3.24 | 4.2 | 13.8 | 138.3 | 82.3 | NA | NA | NA | NA | NA | NA |
| 8/15/2019 | 10.1 | 3.37 | 4.8 | 13.3 | 148.4 | 88.4 | NA | NA | NA | NA | NA | NA |
| 8/16/2019 | 10.0 | 3.21 | 5.3 | 13.1 | 158.4 | 94.4 | NA | NA | NA | NA | NA | NA |
| 8/17/2019 | 8.9 | 1.36 | 6.9 | 11.5 | 167.3 | 99.3 | NA | NA | NA | NA | NA | NA |
| 8/18/2019 | 8.0 | 1.07 | 6.2 | 9.7 | 175.3 | 103.3 | NA | NA | NA | NA | NA | NA |
| 8/19/2019 | 9.3 | 0.50 | 8.6 | 9.9 | 184.6 | 108.6 | NA | NA | NA | NA | NA | NA |
| 8/20/2019 | 10.4 | 1.78 | 8.6 | 14.6 | 195.0 | 115.0 | NA | NA | NA | NA | NA | NA |
| 8/21/2019 | 9.5 | 1.23 | 8.0 | 11.3 | 204.5 | 120.5 | NA | NA | NA | NA | NA | NA |
| 8/22/2019 | 8.4 | 1.75 | 6.1 | 10.8 | 212.9 | 124.9 | NA | NA | NA | NA | NA | NA |
| 8/23/2019 | 8.1 | 1.17 | 5.7 | 10.0 | 221.0 | 129.0 | NA | NA | NA | NA | NA | NA |
| 8/24/2019 | 8.8 | 4.06 | 5.4 | 17.2 | 229.8 | 133.8 | NA | NA | NA | NA | NA | NA |
| 8/25/2019 | 8.3 | 1.32 | 5.7 | 9.7 | 238.1 | 138.1 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/26/2019 | 4.6 | 0.86 | 3.5 | 6.3 | 242.8 | 138.8 | NA | NA | NA | NA | NA | NA |
| 8/27/2019 | 7.0 | 1.16 | 5.1 | 8.9 | 249.8 | 141.8 | NA | NA | NA | NA | NA | NA |
| 8/28/2019 | 6.6 | 1.04 | 5.2 | 8.3 | 256.4 | 144.4 | NA | NA | NA | NA | NA | NA |
| 8/29/2019 | 6.7 | 1.10 | 4.9 | 8.1 | 263.2 | 147.2 | NA | NA | NA | NA | NA | NA |
| 8/30/2019 | 7.4 | 1.23 | 5.5 | 9.2 | 270.5 | 150.5 | NA | NA | NA | NA | NA | NA |
| 8/31/2019 | 7.4 | 1.04 | 6.1 | 9.3 | 278.0 | 154.0 | NA | NA | NA | NA | NA | NA |

September

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/1/2019 | 10.1 | 3.42 | 4.0 | 13.1 | 10.1 | 6.1 | NA | NA | NA | NA | NA | NA |
| 9/2/2019 | 9.8 | 3.69 | 2.9 | 13.1 | 19.8 | 11.8 | NA | NA | NA | NA | NA | NA |
| 9/3/2019 | 9.5 | 3.92 | 2.6 | 13.1 | 29.3 | 17.3 | NA | NA | NA | NA | NA | NA |
| 9/4/2019 | 9.9 | 3.43 | 4.3 | 13.1 | 39.2 | 23.2 | NA | NA | NA | NA | NA | NA |
| 9/5/2019 | 11.9 | 3.19 | 5.4 | 16.0 | 51.2 | 31.2 | NA | NA | NA | NA | NA | NA |
| 9/6/2019 | 10.3 | 4.21 | 3.3 | 15.7 | 61.5 | 37.5 | NA | NA | NA | NA | NA | NA |
| 9/7/2019 | 9.1 | 4.15 | 3.0 | 13.1 | 70.6 | 42.6 | NA | NA | NA | NA | NA | NA |
| 9/8/2019 | 11.6 | 2.75 | 4.0 | 13.1 | 82.2 | 50.2 | NA | NA | NA | NA | NA | NA |
| 9/9/2019 | 13.1 | 0.23 | 12.6 | 13.5 | 95.3 | 59.3 | NA | NA | NA | NA | NA | NA |
| 9/10/2019 | 13.1 | 0.15 | 12.6 | 13.5 | 108.4 | 68.4 | NA | NA | NA | NA | NA | NA |
| 9/11/2019 | 12.9 | 0.31 | 12.0 | 13.1 | 121.2 | 77.2 | NA | NA | NA | NA | NA | NA |
| 9/12/2019 | 12.0 | 1.23 | 9.7 | 13.1 | 133.2 | 85.2 | NA | NA | NA | NA | NA | NA |
| 9/13/2019 | 12.7 | 0.43 | 11.6 | 13.1 | 146.0 | 94.0 | NA | NA | NA | NA | NA | NA |
| 9/14/2019 | 12.9 | 0.21 | 12.3 | 13.2 | 158.9 | 102.9 | NA | NA | NA | NA | NA | NA |
| 9/15/2019 | 13.2 | 0.15 | 13.0 | 13.5 | 172.1 | 112.1 | NA | NA | NA | NA | NA | NA |
| 9/16/2019 | 13.3 | 0.22 | 13.1 | 13.6 | 185.3 | 121.3 | NA | NA | NA | NA | NA | NA |
| 9/17/2019 | 10.3 | 2.45 | 7.2 | 13.6 | 195.7 | 127.7 | NA | NA | NA | NA | NA | NA |
| 9/18/2019 | 10.5 | 1.15 | 8.1 | 11.6 | 206.1 | 134.1 | NA | NA | NA | NA | NA | NA |
| 9/19/2019 | 12.3 | 0.47 | 11.6 | 13.0 | 218.5 | 142.5 | NA | NA | NA | NA | NA | NA |
| 9/20/2019 | 12.2 | 1.57 | 8.1 | 13.3 | 230.6 | 150.6 | NA | NA | NA | NA | NA | NA |
| 9/21/2019 | 11.7 | 1.79 | 9.3 | 13.7 | 242.3 | 158.3 | NA | NA | NA | NA | NA | NA |
| 9/22/2019 | 11.1 | 1.93 | 8.9 | 13.6 | 253.4 | 165.4 | NA | NA | NA | NA | NA | NA |
| 9/23/2019 | 11.7 | 2.36 | 8.8 | 14.0 | 265.1 | 173.1 | NA | NA | NA | NA | NA | NA |
| 9/24/2019 | 7.9 | 2.62 | 5.0 | 11.1 | 273.1 | 177.1 | NA | NA | NA | NA | NA | NA |
| 9/25/2019 | 7.1 | 1.96 | 4.8 | 9.4 | 280.2 | 180.2 | NA | NA | NA | NA | NA | NA |
| 9/26/2019 | 11.1 | 1.07 | 9.4 | 12.6 | 291.2 | 187.2 | NA | NA | NA | NA | NA | NA |
| 9/27/2019 | 13.0 | 0.70 | 11.6 | 13.5 | 304.2 | 196.2 | NA | NA | NA | NA | NA | NA |
| 9/28/2019 | 12.5 | 1.50 | 8.7 | 13.2 | 316.6 | 204.6 | NA | NA | NA | NA | NA | NA |
| 9/29/2019 | 12.9 | 1.02 | 9.7 | 13.4 | 329.6 | 213.6 | NA | NA | NA | NA | NA | NA |
| 9/30/2019 | 12.8 | 0.08 | 12.7 | 13.0 | 342.4 | 222.4 | NA | NA | NA | NA | NA | NA |

October

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/1/2019 | 12.8 | 0.32 | 12.2 | 13.1 | 12.8 | 8.8 | NA | NA | NA | NA | NA | NA |
| 10/2/2019 | 10.8 | 3.27 | 4.2 | 13.1 | 23.6 | 15.6 | NA | NA | NA | NA | NA | NA |
| 10/3/2019 | 12.4 | 0.69 | 11.1 | 13.1 | 36.0 | 24.0 | NA | NA | NA | NA | NA | NA |
| 10/4/2019 | 12.5 | 0.59 | 11.9 | 13.1 | 48.5 | 32.5 | NA | NA | NA | NA | NA | NA |
| 10/5/2019 | 12.4 | 0.68 | 11.6 | 13.1 | 60.9 | 40.9 | NA | NA | NA | NA | NA | NA |
| 10/6/2019 | 12.3 | 0.85 | 11.0 | 13.1 | 73.1 | 49.1 | NA | NA | NA | NA | NA | NA |
| 10/7/2019 | 12.0 | 1.07 | 10.6 | 13.1 | 85.2 | 57.2 | NA | NA | NA | NA | NA | NA |
| 10/8/2019 | 12.1 | 0.99 | 10.8 | 13.1 | 97.3 | 65.3 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/9/2019 | 12.1 | 1.05 | 10.5 | 13.1 | 109.3 | 73.3 | NA | NA | NA | NA | NA | NA |
| 10/10/2019 | 12.0 | 1.09 | 10.4 | 13.1 | 121.3 | 81.3 | NA | NA | NA | NA | NA | NA |
| 10/11/2019 | 11.7 | 1.44 | 9.6 | 13.1 | 133.0 | 89.0 | NA | NA | NA | NA | NA | NA |
| 10/12/2019 | 11.3 | 1.79 | 8.9 | 13.1 | 144.3 | 96.3 | NA | NA | NA | NA | NA | NA |
| 10/13/2019 | 11.1 | 2.18 | 7.2 | 13.1 | 155.4 | 103.4 | NA | NA | NA | NA | NA | NA |
| 10/14/2019 | 11.7 | 1.48 | 9.0 | 13.1 | 167.0 | 111.0 | NA | NA | NA | NA | NA | NA |
| 10/15/2019 | 11.8 | 1.37 | 9.3 | 13.1 | 178.8 | 118.8 | NA | NA | NA | NA | NA | NA |
| 10/16/2019 | 12.0 | 1.08 | 10.3 | 13.1 | 190.8 | 126.8 | NA | NA | NA | NA | NA | NA |
| 10/17/2019 | 8.8 | 2.54 | 4.5 | 11.1 | 199.7 | 131.7 | NA | NA | NA | NA | NA | NA |
| 10/18/2019 | 8.6 | 1.69 | 5.4 | 10.6 | 208.3 | 136.3 | NA | NA | NA | NA | NA | NA |
| 10/19/2019 | 10.8 | 0.06 | 10.7 | 10.9 | 219.1 | 143.1 | NA | NA | NA | NA | NA | NA |
| 10/20/2019 | 10.8 | 0.04 | 10.7 | 10.8 | 229.8 | 149.8 | NA | NA | NA | NA | NA | NA |
| 10/21/2019 | 10.2 | 0.23 | 9.7 | 10.5 | 240.0 | 156.0 | NA | NA | NA | NA | NA | NA |
| 10/22/2019 | 10.2 | 0.08 | 10.1 | 10.3 | 250.3 | 162.3 | NA | NA | NA | NA | NA | NA |
| 10/23/2019 | 8.6 | 1.38 | 6.1 | 9.9 | 258.9 | 166.9 | NA | NA | NA | NA | NA | NA |
| 10/24/2019 | 9.6 | 0.94 | 7.7 | 10.3 | 268.4 | 172.4 | NA | NA | NA | NA | NA | NA |
| 10/25/2019 | 10.3 | 0.05 | 10.2 | 10.4 | 278.7 | 178.7 | NA | NA | NA | NA | NA | NA |
| 10/26/2019 | 10.1 | 0.09 | 9.9 | 10.2 | 288.8 | 184.8 | NA | NA | NA | NA | NA | NA |
| 10/27/2019 | 9.9 | 0.05 | 9.8 | 10.0 | 298.7 | 190.7 | NA | NA | NA | NA | NA | NA |
| 10/28/2019 | 9.0 | 0.98 | 7.1 | 9.9 | 307.7 | 195.7 | NA | NA | NA | NA | NA | NA |
| 10/29/2019 | 9.2 | 0.49 | 8.4 | 9.8 | 317.0 | 201.0 | NA | NA | NA | NA | NA | NA |
| 10/30/2019 | 9.3 | 0.47 | 8.5 | 9.7 | 326.3 | 206.3 | NA | NA | NA | NA | NA | NA |
| 10/31/2019 | 8.7 | 0.78 | 7.3 | 9.8 | 334.9 | 210.9 | NA | NA | NA | NA | NA | NA |

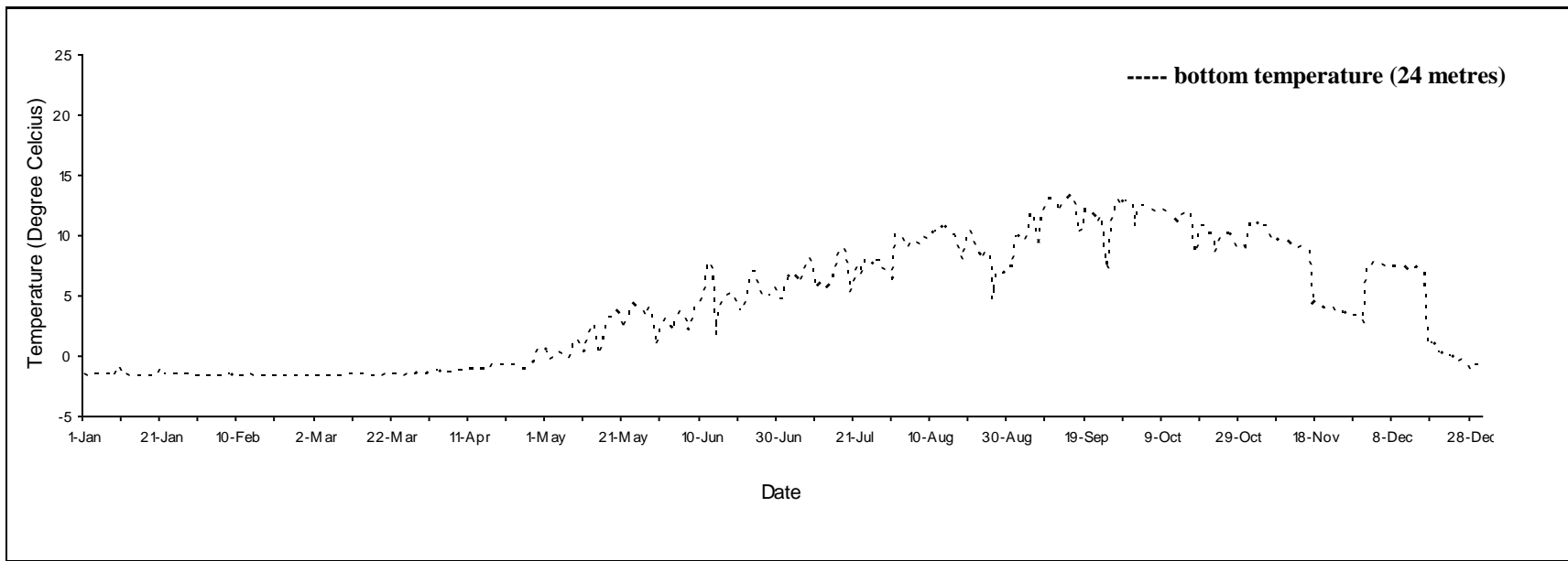
November

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 11/1/2019 | 11.2 | 1.96 | 7.1 | 13.1 | 11.2 | 7.2 | NA | NA | NA | NA | NA | NA |
| 11/2/2019 | 11.3 | 1.85 | 8.3 | 13.1 | 22.5 | 14.5 | NA | NA | NA | NA | NA | NA |
| 11/3/2019 | 10.7 | 2.48 | 7.3 | 13.1 | 33.2 | 21.2 | NA | NA | NA | NA | NA | NA |
| 11/4/2019 | 10.8 | 2.40 | 7.1 | 13.1 | 43.9 | 27.9 | NA | NA | NA | NA | NA | NA |
| 11/5/2019 | 10.8 | 2.37 | 7.8 | 13.1 | 54.7 | 34.7 | NA | NA | NA | NA | NA | NA |
| 11/6/2019 | 9.7 | 3.55 | 3.8 | 13.1 | 64.4 | 40.4 | NA | NA | NA | NA | NA | NA |
| 11/7/2019 | 9.9 | 3.25 | 5.8 | 13.1 | 74.3 | 46.3 | NA | NA | NA | NA | NA | NA |
| 11/8/2019 | 9.6 | 3.56 | 5.8 | 13.1 | 83.9 | 51.9 | NA | NA | NA | NA | NA | NA |
| 11/9/2019 | 9.9 | 3.23 | 6.1 | 13.1 | 93.8 | 57.8 | NA | NA | NA | NA | NA | NA |
| 11/10/2019 | 9.6 | 3.50 | 6.0 | 13.1 | 103.5 | 63.5 | NA | NA | NA | NA | NA | NA |
| 11/11/2019 | 9.4 | 3.71 | 5.5 | 13.1 | 112.9 | 68.9 | NA | NA | NA | NA | NA | NA |
| 11/12/2019 | 9.1 | 4.11 | 3.6 | 13.1 | 121.9 | 73.9 | NA | NA | NA | NA | NA | NA |
| 11/13/2019 | 9.0 | 4.20 | 4.0 | 13.1 | 130.9 | 78.9 | NA | NA | NA | NA | NA | NA |
| 11/14/2019 | 9.1 | 4.06 | 5.1 | 13.1 | 140.0 | 84.0 | NA | NA | NA | NA | NA | NA |
| 11/15/2019 | 9.1 | 4.06 | 5.1 | 13.1 | 149.1 | 89.1 | NA | NA | NA | NA | NA | NA |
| 11/16/2019 | 8.8 | 4.31 | 4.4 | 13.1 | 157.9 | 93.9 | NA | NA | NA | NA | NA | NA |
| 11/17/2019 | 4.3 | 0.07 | 4.2 | 4.5 | 162.2 | 94.2 | NA | NA | NA | NA | NA | NA |
| 11/18/2019 | 4.5 | 0.09 | 4.3 | 4.6 | 166.7 | 94.7 | NA | NA | NA | NA | NA | NA |
| 11/19/2019 | 4.3 | 0.10 | 4.2 | 4.5 | 171.1 | 95.1 | NA | NA | NA | NA | NA | NA |
| 11/20/2019 | 4.0 | 0.15 | 3.8 | 4.3 | 175.0 | 95.1 | NA | NA | NA | NA | NA | NA |
| 11/21/2019 | 4.1 | 0.07 | 4.0 | 4.2 | 179.2 | 95.2 | NA | NA | NA | NA | NA | NA |
| 11/22/2019 | 4.1 | 0.06 | 4.0 | 4.2 | 183.3 | 95.3 | NA | NA | NA | NA | NA | NA |
| 11/23/2019 | 3.7 | 0.23 | 3.5 | 4.1 | 186.9 | 95.3 | NA | NA | NA | NA | NA | NA |
| 11/24/2019 | 3.4 | 0.03 | 3.4 | 3.5 | 190.4 | 95.3 | NA | NA | NA | NA | NA | NA |
| 11/25/2019 | 3.6 | 0.21 | 3.3 | 3.9 | 194.0 | 95.3 | NA | NA | NA | NA | NA | NA |
| 11/26/2019 | 3.3 | 0.04 | 3.3 | 3.4 | 197.3 | 95.3 | NA | NA | NA | NA | NA | NA |
| 11/27/2019 | 3.2 | 0.06 | 3.1 | 3.3 | 200.5 | 95.3 | NA | NA | NA | NA | NA | NA |
| 11/28/2019 | 3.4 | 0.13 | 3.3 | 3.5 | 203.9 | 95.3 | NA | NA | NA | NA | NA | NA |
| 11/29/2019 | 3.3 | 0.25 | 3.0 | 3.6 | 207.2 | 95.3 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 11/30/2019 | 2.7 | 0.31 | 2.1 | 3.1 | 209.9 | 95.3 | NA | NA | NA | NA | NA | NA |

December

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 12/1/2019 | 7.5 | 5.69 | 1.6 | 13.1 | 7.5 | 3.5 | NA | NA | NA | NA | NA | NA |
| 12/2/2019 | 7.5 | 5.72 | 1.6 | 13.1 | 15.0 | 7.0 | NA | NA | NA | NA | NA | NA |
| 12/3/2019 | 7.9 | 5.30 | 2.3 | 13.1 | 22.8 | 10.8 | NA | NA | NA | NA | NA | NA |
| 12/4/2019 | 7.9 | 5.30 | 1.8 | 13.1 | 30.7 | 14.7 | NA | NA | NA | NA | NA | NA |
| 12/5/2019 | 7.6 | 5.61 | 1.8 | 13.1 | 38.3 | 18.3 | NA | NA | NA | NA | NA | NA |
| 12/6/2019 | 7.4 | 5.78 | 1.6 | 13.1 | 45.7 | 21.7 | NA | NA | NA | NA | NA | NA |
| 12/7/2019 | 7.4 | 5.80 | 1.5 | 13.1 | 53.1 | 25.1 | NA | NA | NA | NA | NA | NA |
| 12/8/2019 | 7.4 | 5.76 | 1.1 | 13.1 | 60.5 | 28.5 | NA | NA | NA | NA | NA | NA |
| 12/9/2019 | 7.4 | 5.75 | 1.6 | 13.1 | 67.9 | 31.9 | NA | NA | NA | NA | NA | NA |
| 12/10/2019 | 7.5 | 5.68 | 1.6 | 13.1 | 75.4 | 35.4 | NA | NA | NA | NA | NA | NA |
| 12/11/2019 | 7.2 | 5.94 | 1.2 | 13.1 | 82.7 | 38.7 | NA | NA | NA | NA | NA | NA |
| 12/12/2019 | 7.2 | 6.01 | 1.1 | 13.1 | 89.8 | 41.8 | NA | NA | NA | NA | NA | NA |
| 12/13/2019 | 7.2 | 5.95 | 1.1 | 13.1 | 97.1 | 45.1 | NA | NA | NA | NA | NA | NA |
| 12/14/2019 | 7.3 | 5.87 | 1.4 | 13.1 | 104.4 | 48.4 | NA | NA | NA | NA | NA | NA |
| 12/15/2019 | 7.4 | 5.74 | 1.7 | 13.1 | 111.8 | 51.8 | NA | NA | NA | NA | NA | NA |
| 12/16/2019 | 7.2 | 6.00 | 1.0 | 13.1 | 119.0 | 55.0 | NA | NA | NA | NA | NA | NA |
| 12/17/2019 | 1.0 | 0.24 | 0.7 | 1.3 | 120.0 | 55.0 | NA | NA | NA | NA | NA | NA |
| 12/18/2019 | 1.1 | 0.04 | 1.1 | 1.2 | 121.1 | 55.0 | NA | NA | NA | NA | NA | NA |
| 12/19/2019 | 0.4 | 0.21 | 0.2 | 1.0 | 121.5 | 55.0 | NA | NA | NA | NA | NA | NA |
| 12/20/2019 | 0.3 | 0.22 | -0.2 | 0.5 | 121.8 | 55.0 | NA | NA | NA | NA | NA | NA |
| 12/21/2019 | 0.0 | 0.27 | -0.5 | 0.5 | 121.8 | 55.0 | NA | NA | NA | NA | NA | NA |
| 12/22/2019 | -0.1 | 0.20 | -0.3 | 0.3 | 121.8 | 55.0 | NA | NA | NA | NA | NA | NA |
| 12/23/2019 | 0.0 | 0.32 | -0.4 | 0.6 | 121.8 | 55.0 | NA | NA | NA | NA | NA | NA |
| 12/24/2019 | -0.4 | 0.30 | -0.8 | 0.1 | 121.8 | 55.0 | NA | NA | NA | NA | NA | NA |
| 12/25/2019 | -0.5 | 0.46 | -1.1 | 0.3 | 121.8 | 55.0 | NA | NA | NA | NA | NA | NA |
| 12/26/2019 | -0.3 | 0.41 | -1.2 | 0.1 | 121.8 | 55.0 | NA | NA | NA | NA | NA | NA |
| 12/27/2019 | -0.8 | 0.24 | -1.1 | -0.4 | 121.8 | 55.0 | NA | NA | NA | NA | NA | NA |
| 12/28/2019 | -1.2 | 0.17 | -1.4 | -0.9 | 121.8 | 55.0 | NA | NA | NA | NA | NA | NA |
| 12/29/2019 | -0.8 | 0.17 | -1.0 | -0.4 | 121.8 | 55.0 | NA | NA | NA | NA | NA | NA |
| 12/30/2019 | -0.8 | 0.26 | -1.2 | -0.4 | 121.8 | 55.0 | NA | NA | NA | NA | NA | NA |
| 12/31/2019 | -0.4 | 0.11 | -0.6 | -0.2 | 121.8 | 55.0 | NA | NA | NA | NA | NA | NA |



Daily mean temperature for Anse Bleue 3, N.B., 2019.

Ballantynes, N.S.

2019

May

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 5/30/2019 | 3.2 | 0.99 | 1.5 | 4.4 | 3.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/31/2019 | 1.6 | 0.79 | 0.5 | 3.2 | 4.8 | 0.0 | NA | NA | NA | NA | NA | NA |

June

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/1/2019 | 1.3 | 1.09 | 0.2 | 4.0 | 1.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 6/2/2019 | 0.8 | 0.69 | 0.3 | 2.2 | 2.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 6/3/2019 | 0.8 | 0.12 | 0.6 | 1.0 | 2.9 | 0.0 | NA | NA | NA | NA | NA | NA |
| 6/4/2019 | 1.6 | 0.90 | 0.9 | 4.3 | 4.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 6/5/2019 | 2.4 | 1.49 | 1.2 | 4.9 | 7.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 6/6/2019 | 2.3 | 1.20 | 1.4 | 4.8 | 9.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 6/7/2019 | 2.3 | 1.24 | 1.5 | 5.5 | 11.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 6/8/2019 | 2.4 | 1.02 | 1.6 | 5.0 | 14.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 6/9/2019 | 3.5 | 1.44 | 1.6 | 5.8 | 17.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 6/10/2019 | 3.3 | 1.24 | 2.0 | 5.2 | 20.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 6/11/2019 | 3.2 | 1.27 | 1.9 | 5.2 | 24.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 6/12/2019 | 3.3 | 1.23 | 2.0 | 5.1 | 27.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 6/13/2019 | 4.8 | 1.75 | 2.2 | 8.1 | 32.1 | 0.8 | NA | NA | NA | NA | NA | NA |
| 6/14/2019 | 3.2 | 1.19 | 2.0 | 5.7 | 35.3 | 0.8 | NA | NA | NA | NA | NA | NA |
| 6/15/2019 | 3.9 | 1.22 | 2.2 | 5.8 | 39.2 | 0.8 | NA | NA | NA | NA | NA | NA |
| 6/16/2019 | 2.9 | 0.75 | 2.3 | 4.5 | 42.0 | 0.8 | NA | NA | NA | NA | NA | NA |
| 6/17/2019 | 3.0 | 0.85 | 2.0 | 4.5 | 45.1 | 0.8 | NA | NA | NA | NA | NA | NA |
| 6/18/2019 | 3.4 | 1.27 | 1.9 | 5.5 | 48.5 | 0.8 | NA | NA | NA | NA | NA | NA |
| 6/19/2019 | 3.9 | 1.55 | 2.2 | 6.5 | 52.4 | 0.8 | NA | NA | NA | NA | NA | NA |
| 6/20/2019 | 3.6 | 1.24 | 2.2 | 5.7 | 56.0 | 0.8 | NA | NA | NA | NA | NA | NA |
| 6/21/2019 | 3.6 | 1.27 | 2.4 | 6.4 | 59.6 | 0.8 | NA | NA | NA | NA | NA | NA |
| 6/22/2019 | 4.6 | 1.10 | 3.2 | 6.5 | 64.2 | 1.4 | NA | NA | NA | NA | NA | NA |
| 6/23/2019 | 7.6 | 1.45 | 5.1 | 9.8 | 71.7 | 5.0 | NA | NA | NA | NA | NA | NA |
| 6/24/2019 | 9.0 | 1.36 | 7.0 | 10.6 | 80.7 | 9.9 | NA | NA | NA | NA | NA | NA |
| 6/25/2019 | 9.7 | 0.89 | 7.9 | 10.7 | 90.4 | 15.6 | NA | NA | NA | NA | NA | NA |
| 6/26/2019 | 9.8 | 1.23 | 7.6 | 11.0 | 100.2 | 21.4 | NA | NA | NA | NA | NA | NA |
| 6/27/2019 | 9.8 | 1.15 | 7.1 | 11.4 | 110.0 | 27.2 | NA | NA | NA | NA | NA | NA |
| 6/28/2019 | 7.9 | 1.76 | 5.2 | 10.1 | 117.9 | 31.2 | NA | NA | NA | NA | NA | NA |
| 6/29/2019 | 6.8 | 0.98 | 5.6 | 8.4 | 124.8 | 34.0 | NA | NA | NA | NA | NA | NA |
| 6/30/2019 | 6.9 | 1.14 | 5.3 | 8.4 | 131.7 | 36.9 | NA | NA | NA | NA | NA | NA |

July

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/1/2019 | 7.0 | 1.97 | 4.6 | 10.0 | 7.0 | 3.0 | NA | NA | NA | NA | NA | NA |
| 7/2/2019 | 9.6 | 1.10 | 7.9 | 10.9 | 16.6 | 8.6 | NA | NA | NA | NA | NA | NA |
| 7/3/2019 | 10.4 | 0.94 | 8.3 | 11.8 | 27.0 | 15.0 | NA | NA | NA | NA | NA | NA |
| 7/4/2019 | 9.4 | 1.02 | 8.0 | 11.4 | 36.4 | 20.4 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/5/2019 | 8.6 | 1.57 | 7.1 | 11.5 | 45.0 | 25.0 | NA | NA | NA | NA | NA | NA |
| 7/6/2019 | 8.7 | 1.78 | 6.0 | 11.1 | 53.6 | 29.6 | NA | NA | NA | NA | NA | NA |
| 7/7/2019 | 8.4 | 2.33 | 5.1 | 12.6 | 62.0 | 34.0 | NA | NA | NA | NA | NA | NA |
| 7/8/2019 | 9.5 | 1.42 | 6.7 | 11.3 | 71.5 | 39.5 | NA | NA | NA | NA | NA | NA |
| 7/9/2019 | 10.1 | 1.90 | 5.3 | 12.4 | 81.6 | 45.6 | NA | NA | NA | NA | NA | NA |
| 7/10/2019 | 10.8 | 1.17 | 8.9 | 12.4 | 92.5 | 52.5 | NA | NA | NA | NA | NA | NA |
| 7/11/2019 | 11.6 | 0.57 | 10.6 | 12.4 | 104.1 | 60.1 | NA | NA | NA | NA | NA | NA |
| 7/12/2019 | 10.6 | 3.09 | 5.0 | 14.0 | 114.7 | 66.7 | NA | NA | NA | NA | NA | NA |
| 7/13/2019 | 8.0 | 1.23 | 6.2 | 9.4 | 122.7 | 70.7 | NA | NA | NA | NA | NA | NA |
| 7/14/2019 | 7.0 | 1.45 | 5.3 | 9.4 | 129.7 | 73.7 | NA | NA | NA | NA | NA | NA |
| 7/15/2019 | 8.8 | 2.48 | 5.8 | 14.7 | 138.5 | 78.5 | NA | NA | NA | NA | NA | NA |
| 7/16/2019 | 8.3 | 1.42 | 5.5 | 9.8 | 146.8 | 82.8 | NA | NA | NA | NA | NA | NA |
| 7/17/2019 | 8.6 | 1.64 | 5.4 | 11.3 | 155.3 | 87.3 | NA | NA | NA | NA | NA | NA |
| 7/18/2019 | 8.7 | 1.80 | 4.8 | 10.4 | 164.1 | 92.1 | NA | NA | NA | NA | NA | NA |
| 7/19/2019 | 9.6 | 0.72 | 8.3 | 11.1 | 173.7 | 97.7 | NA | NA | NA | NA | NA | NA |
| 7/20/2019 | 10.1 | 1.51 | 7.8 | 11.9 | 183.7 | 103.7 | NA | NA | NA | NA | NA | NA |
| 7/21/2019 | 10.4 | 1.26 | 8.3 | 12.6 | 194.2 | 110.2 | NA | NA | NA | NA | NA | NA |
| 7/22/2019 | 10.2 | 0.80 | 8.9 | 11.5 | 204.4 | 116.4 | NA | NA | NA | NA | NA | NA |
| 7/23/2019 | 10.0 | 0.86 | 8.2 | 11.7 | 214.3 | 122.3 | NA | NA | NA | NA | NA | NA |
| 7/24/2019 | 9.0 | 1.03 | 7.2 | 10.7 | 223.3 | 127.3 | NA | NA | NA | NA | NA | NA |
| 7/25/2019 | 9.5 | 1.73 | 6.9 | 12.3 | 232.8 | 132.8 | NA | NA | NA | NA | NA | NA |
| 7/26/2019 | 10.8 | 0.94 | 9.1 | 12.6 | 243.6 | 139.6 | NA | NA | NA | NA | NA | NA |
| 7/27/2019 | 10.0 | 0.65 | 9.0 | 11.0 | 253.6 | 145.6 | NA | NA | NA | NA | NA | NA |
| 7/28/2019 | 8.4 | 1.20 | 7.0 | 11.2 | 262.0 | 150.0 | NA | NA | NA | NA | NA | NA |
| 7/29/2019 | 7.3 | 1.89 | 4.4 | 10.5 | 269.3 | 153.3 | NA | NA | NA | NA | NA | NA |
| 7/30/2019 | 6.6 | 1.72 | 4.3 | 9.9 | 275.9 | 155.9 | NA | NA | NA | NA | NA | NA |
| 7/31/2019 | 7.3 | 1.79 | 3.2 | 9.1 | 283.2 | 159.2 | NA | NA | NA | NA | NA | NA |

August

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/1/2019 | 8.0 | 1.95 | 4.5 | 10.5 | 8.0 | 4.0 | NA | NA | NA | NA | NA | NA |
| 8/2/2019 | 8.4 | 2.27 | 4.2 | 11.5 | 16.4 | 8.4 | NA | NA | NA | NA | NA | NA |
| 8/3/2019 | 9.6 | 2.52 | 4.9 | 13.0 | 26.0 | 14.0 | NA | NA | NA | NA | NA | NA |
| 8/4/2019 | 9.5 | 2.74 | 5.1 | 13.2 | 35.5 | 19.5 | NA | NA | NA | NA | NA | NA |
| 8/5/2019 | 10.3 | 1.76 | 7.4 | 13.1 | 45.8 | 25.8 | NA | NA | NA | NA | NA | NA |
| 8/6/2019 | 11.3 | 2.34 | 6.5 | 13.9 | 57.2 | 33.2 | NA | NA | NA | NA | NA | NA |
| 8/7/2019 | 10.7 | 2.03 | 7.7 | 15.2 | 67.9 | 39.9 | NA | NA | NA | NA | NA | NA |
| 8/8/2019 | 10.2 | 1.96 | 5.6 | 12.3 | 78.1 | 46.1 | NA | NA | NA | NA | NA | NA |
| 8/9/2019 | 7.0 | 1.01 | 5.4 | 8.7 | 85.1 | 49.1 | NA | NA | NA | NA | NA | NA |
| 8/10/2019 | 7.7 | 2.08 | 5.2 | 13.2 | 92.7 | 52.7 | NA | NA | NA | NA | NA | NA |
| 8/11/2019 | 5.1 | 1.46 | 3.8 | 8.1 | 97.8 | 53.8 | NA | NA | NA | NA | NA | NA |
| 8/12/2019 | 7.0 | 2.90 | 3.2 | 11.6 | 104.8 | 56.8 | NA | NA | NA | NA | NA | NA |
| 8/13/2019 | 8.0 | 2.97 | 3.1 | 13.0 | 112.8 | 60.8 | NA | NA | NA | NA | NA | NA |
| 8/14/2019 | 8.5 | 2.23 | 3.3 | 11.9 | 121.3 | 65.3 | NA | NA | NA | NA | NA | NA |
| 8/15/2019 | 10.7 | 1.90 | 8.3 | 14.2 | 132.0 | 72.0 | NA | NA | NA | NA | NA | NA |
| 8/16/2019 | 11.8 | 1.54 | 9.3 | 14.8 | 143.7 | 79.7 | NA | NA | NA | NA | NA | NA |
| 8/17/2019 | 12.0 | 2.45 | 6.9 | 14.9 | 155.7 | 87.7 | NA | NA | NA | NA | NA | NA |
| 8/18/2019 | 8.7 | 3.00 | 4.2 | 13.6 | 164.5 | 92.5 | NA | NA | NA | NA | NA | NA |
| 8/19/2019 | 6.8 | 2.31 | 3.6 | 9.7 | 171.3 | 95.3 | NA | NA | NA | NA | NA | NA |
| 8/20/2019 | 7.8 | 2.81 | 3.7 | 11.5 | 179.1 | 99.1 | NA | NA | NA | NA | NA | NA |
| 8/21/2019 | 7.4 | 2.29 | 3.5 | 11.1 | 186.4 | 102.4 | NA | NA | NA | NA | NA | NA |
| 8/22/2019 | 7.9 | 2.72 | 3.5 | 12.7 | 194.3 | 106.3 | NA | NA | NA | NA | NA | NA |
| 8/23/2019 | 7.9 | 2.25 | 4.9 | 12.4 | 202.2 | 110.2 | NA | NA | NA | NA | NA | NA |
| 8/24/2019 | 9.4 | 2.47 | 6.0 | 13.2 | 211.6 | 115.6 | NA | NA | NA | NA | NA | NA |
| 8/25/2019 | 11.5 | 0.86 | 9.9 | 12.6 | 223.1 | 123.1 | NA | NA | NA | NA | NA | NA |

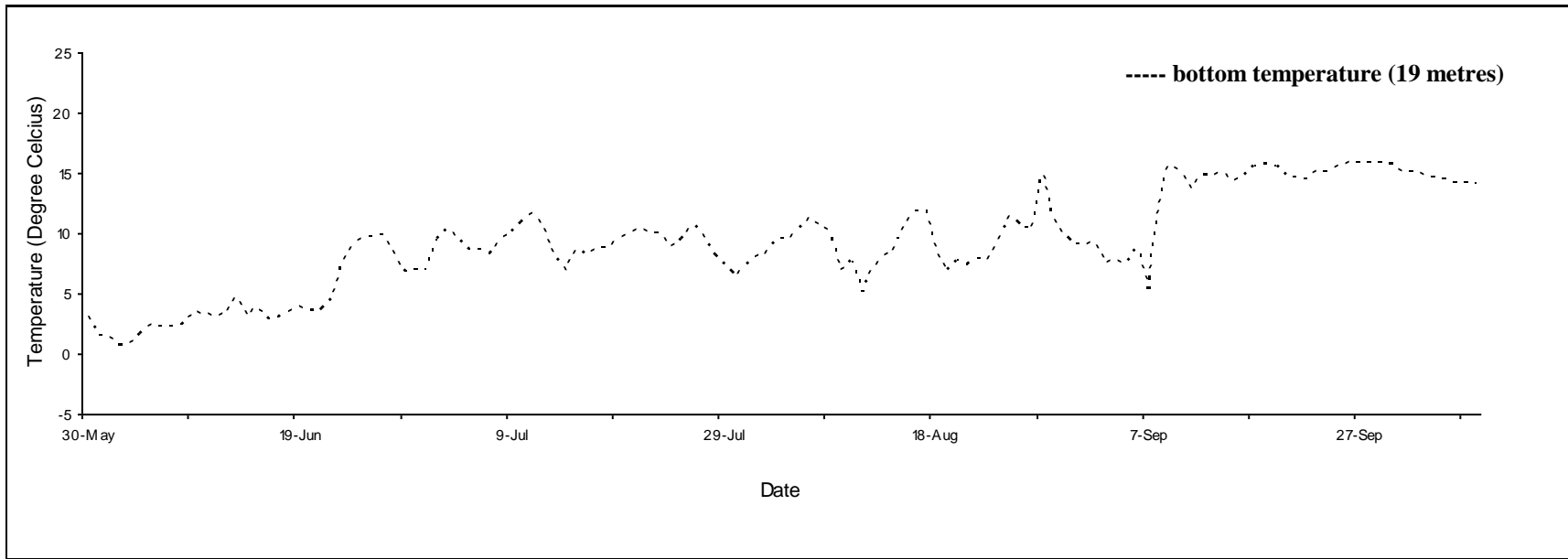
| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/26/2019 | 10.6 | 1.26 | 8.3 | 12.6 | 233.7 | 129.7 | NA | NA | NA | NA | NA | NA |
| 8/27/2019 | 10.3 | 1.79 | 7.3 | 13.4 | 244.1 | 136.1 | NA | NA | NA | NA | NA | NA |
| 8/28/2019 | 15.0 | 3.08 | 8.2 | 18.3 | 259.1 | 147.1 | NA | NA | NA | NA | NA | NA |
| 8/29/2019 | 11.3 | 1.89 | 7.9 | 14.6 | 270.4 | 154.4 | NA | NA | NA | NA | NA | NA |
| 8/30/2019 | 10.0 | 2.88 | 5.7 | 14.8 | 280.4 | 160.4 | NA | NA | NA | NA | NA | NA |
| 8/31/2019 | 9.1 | 2.51 | 5.7 | 13.4 | 289.5 | 165.5 | NA | NA | NA | NA | NA | NA |

September

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/1/2019 | 9.2 | 3.32 | 4.7 | 14.1 | 9.2 | 5.2 | NA | NA | NA | NA | NA | NA |
| 9/2/2019 | 9.2 | 2.90 | 5.0 | 13.0 | 18.3 | 10.3 | NA | NA | NA | NA | NA | NA |
| 9/3/2019 | 7.5 | 2.72 | 4.2 | 12.9 | 25.9 | 13.9 | NA | NA | NA | NA | NA | NA |
| 9/4/2019 | 7.7 | 1.49 | 5.0 | 9.6 | 33.5 | 17.5 | NA | NA | NA | NA | NA | NA |
| 9/5/2019 | 7.6 | 2.54 | 4.3 | 11.7 | 41.2 | 21.2 | NA | NA | NA | NA | NA | NA |
| 9/6/2019 | 8.8 | 3.38 | 3.9 | 14.9 | 50.0 | 26.0 | NA | NA | NA | NA | NA | NA |
| 9/7/2019 | 5.5 | 2.16 | 3.1 | 10.2 | 55.5 | 27.5 | NA | NA | NA | NA | NA | NA |
| 9/8/2019 | 12.4 | 4.50 | 3.0 | 16.2 | 67.9 | 35.9 | NA | NA | NA | NA | NA | NA |
| 9/9/2019 | 15.8 | 0.34 | 15.2 | 16.1 | 83.7 | 47.7 | NA | NA | NA | NA | NA | NA |
| 9/10/2019 | 15.3 | 0.58 | 13.8 | 16.2 | 98.9 | 58.9 | NA | NA | NA | NA | NA | NA |
| 9/11/2019 | 13.7 | 0.86 | 11.9 | 15.3 | 112.7 | 68.7 | NA | NA | NA | NA | NA | NA |
| 9/12/2019 | 14.9 | 0.99 | 13.3 | 15.9 | 127.5 | 79.5 | NA | NA | NA | NA | NA | NA |
| 9/13/2019 | 14.8 | 0.35 | 14.3 | 15.4 | 142.3 | 90.3 | NA | NA | NA | NA | NA | NA |
| 9/14/2019 | 15.1 | 0.22 | 14.8 | 15.7 | 157.5 | 101.5 | NA | NA | NA | NA | NA | NA |
| 9/15/2019 | 14.4 | 2.36 | 8.1 | 16.1 | 171.8 | 111.8 | NA | NA | NA | NA | NA | NA |
| 9/16/2019 | 14.7 | 2.55 | 8.2 | 16.3 | 186.5 | 122.5 | NA | NA | NA | NA | NA | NA |
| 9/17/2019 | 15.7 | 0.67 | 14.3 | 16.2 | 202.2 | 134.2 | NA | NA | NA | NA | NA | NA |
| 9/18/2019 | 15.7 | 0.16 | 15.3 | 16.0 | 217.9 | 145.9 | NA | NA | NA | NA | NA | NA |
| 9/19/2019 | 15.6 | 0.07 | 15.4 | 15.7 | 233.4 | 157.4 | NA | NA | NA | NA | NA | NA |
| 9/20/2019 | 14.9 | 0.66 | 13.8 | 15.5 | 248.3 | 168.3 | NA | NA | NA | NA | NA | NA |
| 9/21/2019 | 14.7 | 0.43 | 14.1 | 15.4 | 263.0 | 179.0 | NA | NA | NA | NA | NA | NA |
| 9/22/2019 | 14.6 | 0.47 | 14.1 | 15.3 | 277.6 | 189.6 | NA | NA | NA | NA | NA | NA |
| 9/23/2019 | 15.2 | 0.32 | 14.6 | 15.6 | 292.9 | 200.9 | NA | NA | NA | NA | NA | NA |
| 9/24/2019 | 15.1 | 0.43 | 14.2 | 15.8 | 308.0 | 212.0 | NA | NA | NA | NA | NA | NA |
| 9/25/2019 | 15.6 | 0.58 | 14.7 | 16.4 | 323.6 | 223.6 | NA | NA | NA | NA | NA | NA |
| 9/26/2019 | 15.9 | 0.21 | 15.5 | 16.2 | 339.5 | 235.5 | NA | NA | NA | NA | NA | NA |
| 9/27/2019 | 15.9 | 0.16 | 15.6 | 16.1 | 355.4 | 247.4 | NA | NA | NA | NA | NA | NA |
| 9/28/2019 | 15.9 | 0.10 | 15.7 | 16.0 | 371.4 | 259.4 | NA | NA | NA | NA | NA | NA |
| 9/29/2019 | 15.9 | 0.23 | 15.5 | 16.1 | 387.3 | 271.3 | NA | NA | NA | NA | NA | NA |
| 9/30/2019 | 15.7 | 0.22 | 15.1 | 16.0 | 403.0 | 283.0 | NA | NA | NA | NA | NA | NA |

October

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/1/2019 | 15.2 | 0.26 | 14.9 | 15.6 | 15.2 | 11.2 | NA | NA | NA | NA | NA | NA |
| 10/2/2019 | 15.2 | 0.13 | 14.9 | 15.4 | 30.4 | 22.4 | NA | NA | NA | NA | NA | NA |
| 10/3/2019 | 14.9 | 0.43 | 13.8 | 15.2 | 45.2 | 33.2 | NA | NA | NA | NA | NA | NA |
| 10/4/2019 | 14.7 | 0.10 | 14.6 | 14.9 | 59.9 | 43.9 | NA | NA | NA | NA | NA | NA |
| 10/5/2019 | 14.6 | 0.16 | 14.3 | 14.7 | 74.5 | 54.5 | NA | NA | NA | NA | NA | NA |
| 10/6/2019 | 14.2 | 0.06 | 14.1 | 14.3 | 88.7 | 64.7 | NA | NA | NA | NA | NA | NA |
| 10/7/2019 | 14.2 | 0.05 | 14.1 | 14.3 | 102.9 | 74.9 | NA | NA | NA | NA | NA | NA |
| 10/8/2019 | 14.1 | 0.20 | 13.6 | 14.4 | 117.0 | 85.0 | NA | NA | NA | NA | NA | NA |



Daily mean temperature for Ballantynes, N.S., 2019.

Bayfield, N.S.

2019

May

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 5/5/2019 | 2.4 | 0.02 | 2.3 | 2.4 | 2.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/6/2019 | 2.3 | 0.01 | 2.3 | 2.3 | 4.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/7/2019 | 2.3 | 0.04 | 2.2 | 2.4 | 7.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/8/2019 | 2.2 | 0.10 | 2.1 | 2.3 | 9.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/9/2019 | 3.3 | 0.92 | 2.3 | 4.5 | 12.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/10/2019 | 3.7 | 0.14 | 3.5 | 3.9 | 16.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/11/2019 | 3.6 | 0.16 | 3.3 | 3.8 | 19.9 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/12/2019 | 3.8 | 0.41 | 3.2 | 4.3 | 23.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/13/2019 | 4.0 | 0.17 | 3.9 | 4.3 | 27.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/14/2019 | 4.0 | 0.14 | 3.8 | 4.2 | 31.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/15/2019 | 4.1 | 0.12 | 3.8 | 4.2 | 35.8 | 0.1 | NA | NA | NA | NA | NA | NA |
| 5/16/2019 | 3.1 | 0.39 | 2.6 | 3.7 | 38.8 | 0.1 | NA | NA | NA | NA | NA | NA |
| 5/17/2019 | 2.5 | 0.05 | 2.4 | 2.6 | 41.3 | 0.1 | NA | NA | NA | NA | NA | NA |
| 5/18/2019 | 3.2 | 0.81 | 2.6 | 4.6 | 44.5 | 0.1 | NA | NA | NA | NA | NA | NA |
| 5/19/2019 | 4.4 | 0.12 | 4.3 | 4.6 | 48.8 | 0.5 | NA | NA | NA | NA | NA | NA |
| 5/20/2019 | 4.2 | 0.10 | 4.1 | 4.4 | 53.1 | 0.7 | NA | NA | NA | NA | NA | NA |
| 5/21/2019 | 4.1 | 0.05 | 4.0 | 4.1 | 57.2 | 0.8 | NA | NA | NA | NA | NA | NA |
| 5/22/2019 | 4.4 | 0.26 | 3.9 | 4.7 | 61.6 | 1.2 | NA | NA | NA | NA | NA | NA |
| 5/23/2019 | 4.7 | 0.10 | 4.5 | 4.8 | 66.2 | 1.9 | NA | NA | NA | NA | NA | NA |
| 5/24/2019 | 4.6 | 0.02 | 4.6 | 4.7 | 70.8 | 2.5 | NA | NA | NA | NA | NA | NA |
| 5/25/2019 | 4.7 | 0.07 | 4.6 | 4.8 | 75.6 | 3.2 | NA | NA | NA | NA | NA | NA |
| 5/26/2019 | 4.7 | 0.09 | 4.5 | 4.8 | 80.3 | 3.9 | NA | NA | NA | NA | NA | NA |
| 5/27/2019 | 4.6 | 0.03 | 4.5 | 4.6 | 84.8 | 4.5 | NA | NA | NA | NA | NA | NA |
| 5/28/2019 | 4.6 | 0.02 | 4.6 | 4.7 | 89.4 | 5.1 | NA | NA | NA | NA | NA | NA |
| 5/29/2019 | 4.6 | 0.01 | 4.6 | 4.6 | 94.1 | 5.7 | NA | NA | NA | NA | NA | NA |
| 5/30/2019 | 4.6 | 0.01 | 4.6 | 4.7 | 98.7 | 6.4 | NA | NA | NA | NA | NA | NA |
| 5/31/2019 | 4.5 | 0.03 | 4.5 | 4.6 | 103.2 | 6.9 | NA | NA | NA | NA | NA | NA |

June

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/1/2019 | 4.5 | 0.03 | 4.5 | 4.6 | 4.5 | 0.5 | NA | NA | NA | NA | NA | NA |
| 6/2/2019 | 4.6 | 0.23 | 4.4 | 5.1 | 9.1 | 1.1 | NA | NA | NA | NA | NA | NA |
| 6/3/2019 | 4.6 | 0.21 | 3.9 | 4.7 | 13.7 | 1.7 | NA | NA | NA | NA | NA | NA |
| 6/4/2019 | 3.8 | 0.20 | 3.4 | 4.1 | 17.5 | 1.7 | NA | NA | NA | NA | NA | NA |
| 6/5/2019 | 3.4 | 0.12 | 3.2 | 3.5 | 20.9 | 1.7 | NA | NA | NA | NA | NA | NA |
| 6/6/2019 | 3.6 | 0.13 | 3.3 | 3.8 | 24.5 | 1.7 | NA | NA | NA | NA | NA | NA |
| 6/7/2019 | 4.3 | 0.18 | 4.0 | 4.6 | 28.8 | 2.0 | NA | NA | NA | NA | NA | NA |
| 6/8/2019 | 4.7 | 0.27 | 4.4 | 5.2 | 33.5 | 2.7 | NA | NA | NA | NA | NA | NA |
| 6/9/2019 | 5.5 | 0.59 | 5.1 | 7.2 | 39.1 | 4.3 | NA | NA | NA | NA | NA | NA |
| 6/10/2019 | 6.1 | 0.73 | 5.3 | 7.4 | 45.2 | 6.4 | NA | NA | NA | NA | NA | NA |
| 6/11/2019 | 5.3 | 0.12 | 5.2 | 5.5 | 50.5 | 7.7 | NA | NA | NA | NA | NA | NA |
| 6/12/2019 | 6.1 | 0.99 | 5.1 | 8.1 | 56.7 | 9.9 | NA | NA | NA | NA | NA | NA |
| 6/13/2019 | 5.8 | 0.24 | 5.6 | 6.4 | 62.4 | 11.6 | NA | NA | NA | NA | NA | NA |
| 6/14/2019 | 5.8 | 0.10 | 5.7 | 6.1 | 68.3 | 13.5 | NA | NA | NA | NA | NA | NA |
| 6/15/2019 | 5.6 | 0.26 | 5.2 | 5.9 | 73.9 | 15.1 | NA | NA | NA | NA | NA | NA |
| 6/16/2019 | 5.4 | 0.14 | 5.3 | 5.7 | 79.3 | 16.5 | NA | NA | NA | NA | NA | NA |
| 6/17/2019 | 6.1 | 0.13 | 5.9 | 6.3 | 85.4 | 18.6 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/18/2019 | 6.4 | 0.19 | 6.2 | 6.7 | 91.8 | 21.0 | NA | NA | NA | NA | NA | NA |
| 6/19/2019 | 6.9 | 0.22 | 6.5 | 7.2 | 98.7 | 23.9 | NA | NA | NA | NA | NA | NA |
| 6/20/2019 | 7.8 | 0.33 | 7.4 | 8.5 | 106.5 | 27.6 | NA | NA | NA | NA | NA | NA |
| 6/21/2019 | 7.9 | 0.59 | 6.9 | 8.7 | 114.4 | 31.6 | NA | NA | NA | NA | NA | NA |
| 6/22/2019 | 9.4 | 1.89 | 6.4 | 11.1 | 123.8 | 37.0 | NA | NA | NA | NA | NA | NA |
| 6/23/2019 | 10.8 | 0.09 | 10.6 | 10.9 | 134.5 | 43.7 | NA | NA | NA | NA | NA | NA |
| 6/24/2019 | 11.2 | 0.13 | 11.0 | 11.4 | 145.8 | 50.9 | NA | NA | NA | NA | NA | NA |
| 6/25/2019 | 11.2 | 0.19 | 10.9 | 11.5 | 157.0 | 58.2 | NA | NA | NA | NA | NA | NA |
| 6/26/2019 | 11.4 | 0.24 | 10.8 | 11.8 | 168.4 | 65.6 | NA | NA | NA | NA | NA | NA |
| 6/27/2019 | 10.2 | 0.57 | 9.4 | 10.8 | 178.6 | 71.7 | NA | NA | NA | NA | NA | NA |
| 6/28/2019 | 9.6 | 0.07 | 9.4 | 9.7 | 188.1 | 77.3 | NA | NA | NA | NA | NA | NA |
| 6/29/2019 | 9.6 | 0.04 | 9.5 | 9.7 | 197.7 | 82.9 | NA | NA | NA | NA | NA | NA |
| 6/30/2019 | 9.7 | 0.07 | 9.6 | 9.9 | 207.4 | 88.6 | NA | NA | NA | NA | NA | NA |

July

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/1/2019 | 10.0 | 0.10 | 9.9 | 10.1 | 10.0 | 6.0 | NA | NA | NA | NA | NA | NA |
| 7/2/2019 | 11.6 | 1.11 | 10.0 | 13.0 | 21.6 | 13.6 | NA | NA | NA | NA | NA | NA |
| 7/3/2019 | 12.8 | 0.09 | 12.8 | 13.1 | 34.4 | 22.4 | NA | NA | NA | NA | NA | NA |
| 7/4/2019 | 13.1 | 0.08 | 13.0 | 13.2 | 47.5 | 31.5 | NA | NA | NA | NA | NA | NA |
| 7/5/2019 | 13.0 | 0.28 | 12.2 | 13.3 | 60.5 | 40.5 | NA | NA | NA | NA | NA | NA |
| 7/6/2019 | 11.5 | 0.42 | 11.0 | 12.2 | 72.0 | 48.0 | NA | NA | NA | NA | NA | NA |
| 7/7/2019 | 12.6 | 0.88 | 11.1 | 13.6 | 84.6 | 56.6 | NA | NA | NA | NA | NA | NA |
| 7/8/2019 | 15.1 | 1.02 | 13.2 | 16.0 | 99.6 | 67.6 | NA | NA | NA | NA | NA | NA |
| 7/9/2019 | 13.5 | 0.81 | 12.7 | 15.8 | 113.1 | 77.1 | NA | NA | NA | NA | NA | NA |
| 7/10/2019 | 14.5 | 0.91 | 13.1 | 15.9 | 127.6 | 87.6 | NA | NA | NA | NA | NA | NA |
| 7/11/2019 | 16.4 | 0.17 | 16.2 | 16.7 | 144.0 | 100.0 | NA | NA | NA | NA | NA | NA |
| 7/12/2019 | 16.4 | 0.25 | 15.9 | 16.7 | 160.4 | 112.4 | NA | NA | NA | NA | NA | NA |
| 7/13/2019 | 14.5 | 1.41 | 13.0 | 16.5 | 174.9 | 122.9 | NA | NA | NA | NA | NA | NA |
| 7/14/2019 | 12.9 | 0.37 | 12.4 | 13.5 | 187.8 | 131.8 | NA | NA | NA | NA | NA | NA |
| 7/15/2019 | 12.5 | 0.36 | 12.1 | 13.1 | 200.3 | 140.3 | NA | NA | NA | NA | NA | NA |
| 7/16/2019 | 12.9 | 0.34 | 12.2 | 13.4 | 213.1 | 149.1 | NA | NA | NA | NA | NA | NA |
| 7/17/2019 | 13.7 | 0.42 | 13.1 | 14.9 | 226.9 | 158.9 | NA | NA | NA | NA | NA | NA |
| 7/18/2019 | 15.1 | 1.30 | 13.8 | 17.5 | 242.0 | 170.0 | NA | NA | NA | NA | NA | NA |
| 7/19/2019 | 15.2 | 0.38 | 14.5 | 15.6 | 257.1 | 181.1 | NA | NA | NA | NA | NA | NA |
| 7/20/2019 | 15.0 | 0.39 | 14.4 | 15.9 | 272.1 | 192.1 | NA | NA | NA | NA | NA | NA |
| 7/21/2019 | 15.5 | 0.77 | 14.2 | 16.8 | 287.6 | 203.6 | NA | NA | NA | NA | NA | NA |
| 7/22/2019 | 16.5 | 0.31 | 16.1 | 17.0 | 304.1 | 216.1 | NA | NA | NA | NA | NA | NA |
| 7/23/2019 | 16.5 | 0.10 | 16.3 | 16.7 | 320.6 | 228.6 | NA | NA | NA | NA | NA | NA |
| 7/24/2019 | 16.3 | 0.34 | 15.8 | 17.0 | 337.0 | 241.0 | NA | NA | NA | NA | NA | NA |
| 7/25/2019 | 15.7 | 0.42 | 14.9 | 16.4 | 352.7 | 252.7 | NA | NA | NA | NA | NA | NA |
| 7/26/2019 | 15.9 | 0.30 | 15.4 | 16.3 | 368.6 | 264.6 | NA | NA | NA | NA | NA | NA |
| 7/27/2019 | 16.1 | 0.39 | 15.6 | 17.0 | 384.7 | 276.7 | NA | NA | NA | NA | NA | NA |
| 7/28/2019 | 15.7 | 0.24 | 15.4 | 16.2 | 400.4 | 288.4 | NA | NA | NA | NA | NA | NA |
| 7/29/2019 | 14.9 | 0.36 | 14.3 | 15.4 | 415.3 | 299.3 | NA | NA | NA | NA | NA | NA |
| 7/30/2019 | 15.7 | 0.42 | 14.9 | 16.2 | 431.0 | 311.0 | NA | NA | NA | NA | NA | NA |
| 7/31/2019 | 16.9 | 0.54 | 16.3 | 18.2 | 448.0 | 324.0 | NA | NA | NA | NA | NA | NA |

August

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/1/2019 | 16.5 | 0.53 | 15.6 | 17.2 | 16.5 | 12.5 | NA | NA | NA | NA | NA | NA |
| 8/2/2019 | 17.6 | 0.69 | 16.8 | 18.8 | 34.1 | 26.1 | NA | NA | NA | NA | NA | NA |
| 8/3/2019 | 18.4 | 0.95 | 16.6 | 19.4 | 52.5 | 40.5 | NA | NA | NA | NA | NA | NA |
| 8/4/2019 | 16.4 | 0.41 | 16.0 | 17.4 | 68.9 | 52.9 | NA | NA | NA | NA | NA | NA |
| 8/5/2019 | 17.9 | 1.13 | 16.5 | 20.4 | 86.8 | 66.8 | NA | NA | NA | NA | NA | NA |
| 8/6/2019 | 20.4 | 0.91 | 17.9 | 21.2 | 107.2 | 83.2 | NA | NA | NA | NA | NA | NA |
| 8/7/2019 | 18.0 | 0.68 | 17.2 | 19.9 | 125.2 | 97.2 | NA | NA | NA | NA | NA | NA |
| 8/8/2019 | 16.5 | 0.43 | 15.9 | 17.2 | 141.7 | 109.7 | NA | NA | NA | NA | NA | NA |
| 8/9/2019 | 15.1 | 1.07 | 13.8 | 16.4 | 156.8 | 120.8 | NA | NA | NA | NA | NA | NA |
| 8/10/2019 | 14.1 | 0.35 | 13.7 | 14.6 | 170.9 | 130.9 | NA | NA | NA | NA | NA | NA |
| 8/11/2019 | 14.9 | 0.31 | 14.7 | 15.8 | 185.8 | 141.8 | NA | NA | NA | NA | NA | NA |
| 8/12/2019 | 15.5 | 0.81 | 14.6 | 17.0 | 201.4 | 153.4 | NA | NA | NA | NA | NA | NA |
| 8/13/2019 | 17.6 | 0.74 | 16.2 | 18.7 | 219.0 | 167.0 | NA | NA | NA | NA | NA | NA |
| 8/14/2019 | 17.5 | 0.91 | 16.5 | 19.2 | 236.5 | 180.5 | NA | NA | NA | NA | NA | NA |
| 8/15/2019 | 17.7 | 0.42 | 17.1 | 18.5 | 254.2 | 194.2 | NA | NA | NA | NA | NA | NA |
| 8/16/2019 | 17.4 | 0.62 | 16.3 | 18.2 | 271.6 | 207.6 | NA | NA | NA | NA | NA | NA |
| 8/17/2019 | 16.3 | 0.62 | 15.2 | 17.1 | 287.9 | 219.9 | NA | NA | NA | NA | NA | NA |
| 8/18/2019 | 15.6 | 0.54 | 14.8 | 16.3 | 303.5 | 231.5 | NA | NA | NA | NA | NA | NA |
| 8/19/2019 | 15.4 | 0.22 | 15.1 | 15.8 | 318.9 | 242.9 | NA | NA | NA | NA | NA | NA |
| 8/20/2019 | 15.7 | 0.28 | 15.3 | 16.1 | 334.5 | 254.5 | NA | NA | NA | NA | NA | NA |
| 8/21/2019 | 16.6 | 0.32 | 16.3 | 17.3 | 351.2 | 267.2 | NA | NA | NA | NA | NA | NA |
| 8/22/2019 | 17.4 | 0.21 | 17.3 | 17.9 | 368.6 | 280.6 | NA | NA | NA | NA | NA | NA |
| 8/23/2019 | 17.3 | 0.21 | 16.9 | 17.6 | 385.9 | 293.9 | NA | NA | NA | NA | NA | NA |
| 8/24/2019 | 18.8 | 1.78 | 16.9 | 21.5 | 404.7 | 308.7 | NA | NA | NA | NA | NA | NA |
| 8/25/2019 | 21.2 | 0.14 | 21.0 | 21.4 | 425.9 | 325.9 | NA | NA | NA | NA | NA | NA |
| 8/26/2019 | 18.4 | 1.08 | 17.4 | 20.5 | 444.3 | 340.3 | NA | NA | NA | NA | NA | NA |
| 8/27/2019 | 19.2 | 1.53 | 15.9 | 20.3 | 463.5 | 355.5 | NA | NA | NA | NA | NA | NA |
| 8/28/2019 | 19.7 | 0.22 | 19.5 | 20.0 | 483.2 | 371.2 | NA | NA | NA | NA | NA | NA |
| 8/29/2019 | 19.3 | 0.13 | 19.0 | 19.5 | 502.5 | 386.5 | NA | NA | NA | NA | NA | NA |
| 8/30/2019 | 18.2 | 0.42 | 17.7 | 19.0 | 520.7 | 400.7 | NA | NA | NA | NA | NA | NA |
| 8/31/2019 | 17.5 | 0.21 | 17.2 | 17.8 | 538.2 | 414.2 | NA | NA | NA | NA | NA | NA |

September

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/1/2019 | 17.7 | 0.30 | 17.3 | 18.3 | 17.7 | 13.7 | NA | NA | NA | NA | NA | NA |
| 9/2/2019 | 17.6 | 0.28 | 17.1 | 17.8 | 35.3 | 27.3 | NA | NA | NA | NA | NA | NA |
| 9/3/2019 | 17.0 | 0.06 | 16.9 | 17.1 | 52.3 | 40.3 | NA | NA | NA | NA | NA | NA |
| 9/4/2019 | 17.1 | 0.07 | 17.0 | 17.2 | 69.4 | 53.4 | NA | NA | NA | NA | NA | NA |
| 9/5/2019 | 17.3 | 0.42 | 16.7 | 18.2 | 86.7 | 66.7 | NA | NA | NA | NA | NA | NA |
| 9/6/2019 | 17.5 | 0.33 | 17.1 | 18.1 | 104.2 | 80.2 | NA | NA | NA | NA | NA | NA |
| 9/7/2019 | 18.6 | 0.41 | 18.0 | 19.4 | 122.8 | 94.8 | NA | NA | NA | NA | NA | NA |
| 9/8/2019 | 12.8 | 3.40 | 8.8 | 18.2 | 135.7 | 103.7 | NA | NA | NA | NA | NA | NA |
| 9/9/2019 | 13.1 | 0.51 | 12.3 | 13.8 | 148.8 | 112.8 | NA | NA | NA | NA | NA | NA |
| 9/10/2019 | 13.7 | 0.28 | 13.4 | 14.1 | 162.5 | 122.5 | NA | NA | NA | NA | NA | NA |
| 9/11/2019 | 14.2 | 0.24 | 13.8 | 14.6 | 176.7 | 132.7 | NA | NA | NA | NA | NA | NA |
| 9/12/2019 | 15.5 | 0.80 | 14.3 | 16.4 | 192.2 | 144.2 | NA | NA | NA | NA | NA | NA |
| 9/13/2019 | 15.9 | 0.20 | 15.7 | 16.2 | 208.1 | 156.1 | NA | NA | NA | NA | NA | NA |
| 9/14/2019 | 15.5 | 0.11 | 15.3 | 15.7 | 223.6 | 167.6 | NA | NA | NA | NA | NA | NA |
| 9/15/2019 | 15.3 | 0.02 | 15.3 | 15.3 | 238.9 | 178.9 | NA | NA | NA | NA | NA | NA |
| 9/16/2019 | 15.4 | 0.04 | 15.4 | 15.5 | 254.3 | 190.3 | NA | NA | NA | NA | NA | NA |
| 9/17/2019 | 15.4 | 0.11 | 15.2 | 15.5 | 269.7 | 201.7 | NA | NA | NA | NA | NA | NA |
| 9/18/2019 | 15.0 | 0.09 | 14.9 | 15.2 | 284.7 | 212.7 | NA | NA | NA | NA | NA | NA |
| 9/19/2019 | 14.7 | 0.11 | 14.5 | 14.8 | 299.3 | 223.3 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/20/2019 | 14.8 | 0.07 | 14.6 | 14.9 | 314.1 | 234.1 | NA | NA | NA | NA | NA | NA |
| 9/21/2019 | 15.0 | 0.19 | 14.8 | 15.2 | 329.1 | 245.1 | NA | NA | NA | NA | NA | NA |
| 9/22/2019 | 15.1 | 0.03 | 15.0 | 15.1 | 344.2 | 256.2 | NA | NA | NA | NA | NA | NA |
| 9/23/2019 | 15.0 | 0.05 | 15.0 | 15.1 | 359.2 | 267.2 | NA | NA | NA | NA | NA | NA |
| 9/24/2019 | 15.2 | 0.06 | 15.1 | 15.3 | 374.4 | 278.4 | NA | NA | NA | NA | NA | NA |
| 9/25/2019 | 15.1 | 0.06 | 15.1 | 15.3 | 389.5 | 289.5 | NA | NA | NA | NA | NA | NA |
| 9/26/2019 | 15.4 | 0.17 | 15.2 | 15.6 | 404.9 | 300.9 | NA | NA | NA | NA | NA | NA |
| 9/27/2019 | 15.4 | 0.17 | 15.1 | 15.6 | 420.3 | 312.3 | NA | NA | NA | NA | NA | NA |
| 9/28/2019 | 15.5 | 0.03 | 15.5 | 15.6 | 435.8 | 323.8 | NA | NA | NA | NA | NA | NA |
| 9/29/2019 | 15.5 | 0.10 | 15.4 | 15.7 | 451.3 | 335.3 | NA | NA | NA | NA | NA | NA |
| 9/30/2019 | 15.4 | 0.12 | 15.3 | 15.6 | 466.7 | 346.7 | NA | NA | NA | NA | NA | NA |

October

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/1/2019 | 15.1 | 0.08 | 15.0 | 15.3 | 15.1 | 11.1 | NA | NA | NA | NA | NA | NA |
| 10/2/2019 | 14.9 | 0.10 | 14.7 | 15.0 | 30.0 | 22.0 | NA | NA | NA | NA | NA | NA |
| 10/3/2019 | 14.6 | 0.06 | 14.5 | 14.7 | 44.6 | 32.6 | NA | NA | NA | NA | NA | NA |
| 10/4/2019 | 14.4 | 0.07 | 14.3 | 14.5 | 59.0 | 43.0 | NA | NA | NA | NA | NA | NA |
| 10/5/2019 | 14.1 | 0.06 | 14.0 | 14.2 | 73.1 | 53.1 | NA | NA | NA | NA | NA | NA |
| 10/6/2019 | 13.9 | 0.04 | 13.9 | 14.0 | 87.0 | 63.0 | NA | NA | NA | NA | NA | NA |
| 10/7/2019 | 13.9 | 0.08 | 13.8 | 14.0 | 101.0 | 73.0 | NA | NA | NA | NA | NA | NA |
| 10/8/2019 | 14.0 | 0.03 | 14.0 | 14.1 | 115.0 | 83.0 | NA | NA | NA | NA | NA | NA |
| 10/9/2019 | 13.9 | 0.05 | 13.9 | 14.0 | 128.9 | 92.9 | NA | NA | NA | NA | NA | NA |
| 10/10/2019 | 13.8 | 0.04 | 13.8 | 13.9 | 142.7 | 102.7 | NA | NA | NA | NA | NA | NA |
| 10/11/2019 | 13.8 | 0.04 | 13.7 | 13.8 | 156.4 | 112.4 | NA | NA | NA | NA | NA | NA |
| 10/12/2019 | 13.7 | 0.02 | 13.6 | 13.7 | 170.1 | 122.1 | NA | NA | NA | NA | NA | NA |
| 10/13/2019 | 13.6 | 0.02 | 13.6 | 13.6 | 183.7 | 131.7 | NA | NA | NA | NA | NA | NA |
| 10/14/2019 | 13.5 | 0.05 | 13.5 | 13.6 | 197.2 | 141.2 | NA | NA | NA | NA | NA | NA |
| 10/15/2019 | 13.6 | 0.02 | 13.5 | 13.6 | 210.8 | 150.8 | NA | NA | NA | NA | NA | NA |
| 10/16/2019 | 13.5 | 0.04 | 13.5 | 13.6 | 224.3 | 160.3 | NA | NA | NA | NA | NA | NA |
| 10/17/2019 | 13.4 | 0.08 | 13.2 | 13.5 | 237.7 | 169.7 | NA | NA | NA | NA | NA | NA |
| 10/18/2019 | 13.3 | 0.07 | 13.2 | 13.4 | 250.9 | 178.9 | NA | NA | NA | NA | NA | NA |
| 10/19/2019 | 13.1 | 0.03 | 13.1 | 13.2 | 264.1 | 188.1 | NA | NA | NA | NA | NA | NA |
| 10/20/2019 | 12.9 | 0.04 | 12.8 | 13.0 | 277.0 | 197.0 | NA | NA | NA | NA | NA | NA |
| 10/21/2019 | 12.9 | 0.01 | 12.8 | 12.9 | 289.9 | 205.9 | NA | NA | NA | NA | NA | NA |
| 10/22/2019 | 12.9 | 0.01 | 12.9 | 12.9 | 302.7 | 214.7 | NA | NA | NA | NA | NA | NA |
| 10/23/2019 | 12.8 | 0.08 | 12.6 | 12.8 | 315.5 | 223.5 | NA | NA | NA | NA | NA | NA |
| 10/24/2019 | 12.6 | 0.02 | 12.6 | 12.6 | 328.0 | 232.0 | NA | NA | NA | NA | NA | NA |
| 10/25/2019 | 12.5 | 0.07 | 12.4 | 12.6 | 340.5 | 240.5 | NA | NA | NA | NA | NA | NA |
| 10/26/2019 | 12.4 | 0.03 | 12.4 | 12.4 | 352.9 | 248.9 | NA | NA | NA | NA | NA | NA |
| 10/27/2019 | 12.0 | 0.06 | 11.9 | 12.1 | 364.9 | 256.9 | NA | NA | NA | NA | NA | NA |
| 10/28/2019 | 11.9 | 0.06 | 11.8 | 11.9 | 376.7 | 264.7 | NA | NA | NA | NA | NA | NA |
| 10/29/2019 | 11.9 | 0.02 | 11.9 | 11.9 | 388.6 | 272.6 | NA | NA | NA | NA | NA | NA |
| 10/30/2019 | 11.8 | 0.04 | 11.8 | 11.8 | 400.4 | 280.4 | NA | NA | NA | NA | NA | NA |
| 10/31/2019 | 11.8 | 0.04 | 11.7 | 11.8 | 412.2 | 288.2 | NA | NA | NA | NA | NA | NA |

November

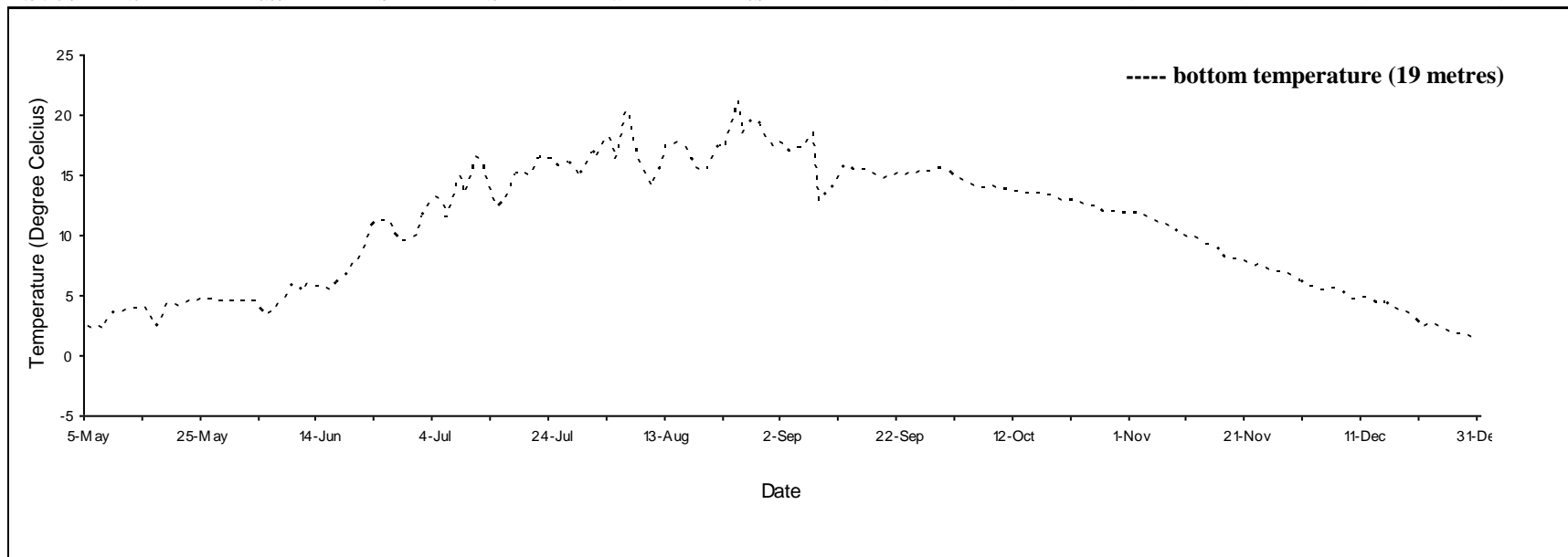
| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 11/1/2019 | 11.8 | 0.12 | 11.7 | 11.9 | 11.8 | 7.8 | NA | NA | NA | NA | NA | NA |
| 11/2/2019 | 11.7 | 0.03 | 11.7 | 11.8 | 23.5 | 15.5 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 11/3/2019 | 11.6 | 0.04 | 11.6 | 11.7 | 35.2 | 23.2 | NA | NA | NA | NA | NA | NA |
| 11/4/2019 | 11.4 | 0.09 | 11.3 | 11.6 | 46.6 | 30.6 | NA | NA | NA | NA | NA | NA |
| 11/5/2019 | 11.2 | 0.05 | 11.1 | 11.3 | 57.8 | 37.8 | NA | NA | NA | NA | NA | NA |
| 11/6/2019 | 11.1 | 0.03 | 11.1 | 11.2 | 68.9 | 44.9 | NA | NA | NA | NA | NA | NA |
| 11/7/2019 | 10.9 | 0.05 | 10.8 | 11.0 | 79.8 | 51.8 | NA | NA | NA | NA | NA | NA |
| 11/8/2019 | 10.7 | 0.16 | 10.4 | 10.9 | 90.5 | 58.5 | NA | NA | NA | NA | NA | NA |
| 11/9/2019 | 10.2 | 0.13 | 10.0 | 10.4 | 100.7 | 64.7 | NA | NA | NA | NA | NA | NA |
| 11/10/2019 | 10.1 | 0.06 | 9.9 | 10.1 | 110.7 | 70.7 | NA | NA | NA | NA | NA | NA |
| 11/11/2019 | 9.9 | 0.03 | 9.9 | 10.0 | 120.6 | 76.6 | NA | NA | NA | NA | NA | NA |
| 11/12/2019 | 9.8 | 0.11 | 9.6 | 9.9 | 130.4 | 82.4 | NA | NA | NA | NA | NA | NA |
| 11/13/2019 | 9.6 | 0.12 | 9.3 | 9.7 | 140.0 | 88.0 | NA | NA | NA | NA | NA | NA |
| 11/14/2019 | 9.3 | 0.10 | 9.1 | 9.4 | 149.3 | 93.3 | NA | NA | NA | NA | NA | NA |
| 11/15/2019 | 9.2 | 0.09 | 9.0 | 9.4 | 158.5 | 98.5 | NA | NA | NA | NA | NA | NA |
| 11/16/2019 | 8.8 | 0.28 | 8.4 | 9.1 | 167.3 | 103.3 | NA | NA | NA | NA | NA | NA |
| 11/17/2019 | 8.2 | 0.07 | 8.1 | 8.3 | 175.4 | 107.4 | NA | NA | NA | NA | NA | NA |
| 11/18/2019 | 8.2 | 0.05 | 8.1 | 8.3 | 183.6 | 111.6 | NA | NA | NA | NA | NA | NA |
| 11/19/2019 | 8.0 | 0.07 | 8.0 | 8.2 | 191.7 | 115.7 | NA | NA | NA | NA | NA | NA |
| 11/20/2019 | 8.0 | 0.12 | 7.8 | 8.1 | 199.6 | 119.6 | NA | NA | NA | NA | NA | NA |
| 11/21/2019 | 7.7 | 0.15 | 7.4 | 7.8 | 207.3 | 123.3 | NA | NA | NA | NA | NA | NA |
| 11/22/2019 | 7.5 | 0.03 | 7.4 | 7.5 | 214.8 | 126.8 | NA | NA | NA | NA | NA | NA |
| 11/23/2019 | 7.6 | 0.11 | 7.4 | 7.8 | 222.4 | 130.4 | NA | NA | NA | NA | NA | NA |
| 11/24/2019 | 7.3 | 0.05 | 7.3 | 7.4 | 229.7 | 133.7 | NA | NA | NA | NA | NA | NA |
| 11/25/2019 | 7.2 | 0.10 | 7.1 | 7.4 | 236.9 | 136.9 | NA | NA | NA | NA | NA | NA |
| 11/26/2019 | 7.0 | 0.02 | 6.9 | 7.0 | 243.9 | 139.9 | NA | NA | NA | NA | NA | NA |
| 11/27/2019 | 6.9 | 0.03 | 6.9 | 7.0 | 250.8 | 142.8 | NA | NA | NA | NA | NA | NA |
| 11/28/2019 | 6.8 | 0.11 | 6.6 | 7.0 | 257.6 | 145.6 | NA | NA | NA | NA | NA | NA |
| 11/29/2019 | 6.5 | 0.06 | 6.5 | 6.6 | 264.2 | 148.2 | NA | NA | NA | NA | NA | NA |
| 11/30/2019 | 6.2 | 0.11 | 6.1 | 6.4 | 270.4 | 150.4 | NA | NA | NA | NA | NA | NA |

December

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 12/1/2019 | 5.9 | 0.08 | 5.8 | 6.1 | 5.9 | 1.9 | NA | NA | NA | NA | NA | NA |
| 12/2/2019 | 5.7 | 0.03 | 5.7 | 5.8 | 11.6 | 3.6 | NA | NA | NA | NA | NA | NA |
| 12/3/2019 | 5.5 | 0.08 | 5.4 | 5.6 | 17.2 | 5.2 | NA | NA | NA | NA | NA | NA |
| 12/4/2019 | 5.5 | 0.03 | 5.5 | 5.5 | 22.7 | 6.7 | NA | NA | NA | NA | NA | NA |
| 12/5/2019 | 5.6 | 0.03 | 5.5 | 5.6 | 28.2 | 8.2 | NA | NA | NA | NA | NA | NA |
| 12/6/2019 | 5.6 | 0.02 | 5.5 | 5.6 | 33.8 | 9.8 | NA | NA | NA | NA | NA | NA |
| 12/7/2019 | 5.5 | 0.17 | 5.0 | 5.6 | 39.3 | 11.3 | NA | NA | NA | NA | NA | NA |
| 12/8/2019 | 5.0 | 0.04 | 4.9 | 5.0 | 44.2 | 12.2 | NA | NA | NA | NA | NA | NA |
| 12/9/2019 | 4.8 | 0.08 | 4.7 | 4.9 | 49.0 | 13.0 | NA | NA | NA | NA | NA | NA |
| 12/10/2019 | 4.7 | 0.04 | 4.6 | 4.8 | 53.7 | 13.7 | NA | NA | NA | NA | NA | NA |
| 12/11/2019 | 4.8 | 0.04 | 4.8 | 4.9 | 58.5 | 14.5 | NA | NA | NA | NA | NA | NA |
| 12/12/2019 | 4.7 | 0.09 | 4.5 | 4.8 | 63.2 | 15.2 | NA | NA | NA | NA | NA | NA |
| 12/13/2019 | 4.4 | 0.07 | 4.3 | 4.5 | 67.6 | 15.6 | NA | NA | NA | NA | NA | NA |
| 12/14/2019 | 4.2 | 0.02 | 4.2 | 4.3 | 71.8 | 15.8 | NA | NA | NA | NA | NA | NA |
| 12/15/2019 | 4.4 | 0.10 | 4.2 | 4.5 | 76.2 | 16.2 | NA | NA | NA | NA | NA | NA |
| 12/16/2019 | 4.1 | 0.07 | 4.0 | 4.2 | 80.3 | 16.3 | NA | NA | NA | NA | NA | NA |
| 12/17/2019 | 3.8 | 0.07 | 3.7 | 4.0 | 84.2 | 16.3 | NA | NA | NA | NA | NA | NA |
| 12/18/2019 | 3.6 | 0.09 | 3.5 | 3.8 | 87.7 | 16.3 | NA | NA | NA | NA | NA | NA |
| 12/19/2019 | 3.5 | 0.03 | 3.5 | 3.6 | 91.2 | 16.3 | NA | NA | NA | NA | NA | NA |
| 12/20/2019 | 3.1 | 0.32 | 2.5 | 3.5 | 94.3 | 16.3 | NA | NA | NA | NA | NA | NA |
| 12/21/2019 | 2.5 | 0.09 | 2.3 | 2.6 | 96.7 | 16.3 | NA | NA | NA | NA | NA | NA |
| 12/22/2019 | 2.6 | 0.04 | 2.6 | 2.7 | 99.3 | 16.3 | NA | NA | NA | NA | NA | NA |
| 12/23/2019 | 2.6 | 0.08 | 2.5 | 2.7 | 102.0 | 16.3 | NA | NA | NA | NA | NA | NA |
| 12/24/2019 | 2.5 | 0.23 | 2.1 | 2.7 | 104.4 | 16.3 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 12/25/2019 | 2.2 | 0.04 | 2.1 | 2.2 | 106.6 | 16.3 | NA | NA | NA | NA | NA | NA |
| 12/26/2019 | 2.0 | 0.08 | 1.9 | 2.1 | 108.6 | 16.3 | NA | NA | NA | NA | NA | NA |
| 12/27/2019 | 1.8 | 0.12 | 1.7 | 2.0 | 110.4 | 16.3 | NA | NA | NA | NA | NA | NA |
| 12/28/2019 | 1.9 | 0.09 | 1.7 | 2.0 | 112.3 | 16.3 | NA | NA | NA | NA | NA | NA |
| 12/29/2019 | 1.6 | 0.03 | 1.6 | 1.7 | 113.9 | 16.3 | NA | NA | NA | NA | NA | NA |
| 12/30/2019 | 1.6 | 0.04 | 1.5 | 1.6 | 115.5 | 16.3 | NA | NA | NA | NA | NA | NA |
| 12/31/2019 | 1.6 | 0.06 | 1.5 | 1.6 | 117.1 | 16.3 | NA | NA | NA | NA | NA | NA |



Daily mean temperature for Bayfield, N.S., 2019.

Cape George, N.S.

2019

July

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/23/2019 | 14.0 | 0.45 | 13.2 | 15.0 | 14.0 | 10.0 | NA | NA | NA | NA | NA | NA |
| 7/24/2019 | 14.0 | 0.74 | 12.6 | 15.1 | 28.0 | 20.0 | NA | NA | NA | NA | NA | NA |
| 7/25/2019 | 14.3 | 1.08 | 12.1 | 16.1 | 42.3 | 30.3 | NA | NA | NA | NA | NA | NA |
| 7/26/2019 | 14.2 | 0.95 | 12.6 | 15.3 | 56.5 | 40.5 | NA | NA | NA | NA | NA | NA |
| 7/27/2019 | 14.3 | 0.28 | 13.8 | 14.8 | 70.8 | 50.8 | NA | NA | NA | NA | NA | NA |
| 7/28/2019 | 13.4 | 0.43 | 12.9 | 14.1 | 84.2 | 60.2 | NA | NA | NA | NA | NA | NA |
| 7/29/2019 | 13.6 | 1.28 | 12.4 | 16.8 | 97.8 | 69.8 | NA | NA | NA | NA | NA | NA |
| 7/30/2019 | 14.6 | 1.82 | 12.4 | 18.1 | 112.4 | 80.4 | NA | NA | NA | NA | NA | NA |
| 7/31/2019 | 14.1 | 1.62 | 11.1 | 17.3 | 126.5 | 90.5 | NA | NA | NA | NA | NA | NA |

August

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/1/2019 | 14.3 | 1.07 | 12.7 | 16.1 | 14.3 | 10.3 | NA | NA | NA | NA | NA | NA |
| 8/2/2019 | 15.1 | 1.13 | 13.3 | 16.9 | 29.4 | 21.4 | NA | NA | NA | NA | NA | NA |
| 8/3/2019 | 15.4 | 3.28 | 10.5 | 20.8 | 44.8 | 32.8 | NA | NA | NA | NA | NA | NA |
| 8/4/2019 | 16.1 | 2.66 | 12.3 | 20.4 | 60.9 | 44.9 | NA | NA | NA | NA | NA | NA |
| 8/5/2019 | 17.0 | 3.13 | 12.9 | 21.0 | 77.9 | 57.9 | NA | NA | NA | NA | NA | NA |
| 8/6/2019 | 16.5 | 1.74 | 14.4 | 21.1 | 94.4 | 70.4 | NA | NA | NA | NA | NA | NA |
| 8/7/2019 | 16.5 | 0.49 | 15.7 | 17.7 | 110.9 | 82.9 | NA | NA | NA | NA | NA | NA |
| 8/8/2019 | 15.1 | 0.85 | 13.6 | 16.2 | 126.0 | 94.0 | NA | NA | NA | NA | NA | NA |
| 8/9/2019 | 13.8 | 1.51 | 11.8 | 17.4 | 139.8 | 103.8 | NA | NA | NA | NA | NA | NA |
| 8/10/2019 | 15.3 | 3.10 | 9.8 | 19.5 | 155.2 | 115.2 | NA | NA | NA | NA | NA | NA |
| 8/11/2019 | 16.0 | 3.32 | 11.8 | 21.0 | 171.1 | 127.1 | NA | NA | NA | NA | NA | NA |
| 8/12/2019 | 19.5 | 1.89 | 15.3 | 21.0 | 190.6 | 142.6 | NA | NA | NA | NA | NA | NA |
| 8/13/2019 | 18.9 | 1.20 | 16.9 | 20.9 | 209.6 | 157.6 | NA | NA | NA | NA | NA | NA |
| 8/14/2019 | 15.9 | 2.20 | 13.3 | 20.9 | 225.5 | 169.5 | NA | NA | NA | NA | NA | NA |
| 8/15/2019 | 15.0 | 0.93 | 13.3 | 16.1 | 240.6 | 180.6 | NA | NA | NA | NA | NA | NA |
| 8/16/2019 | 15.5 | 0.75 | 14.3 | 17.1 | 256.1 | 192.1 | NA | NA | NA | NA | NA | NA |
| 8/17/2019 | 15.7 | 1.44 | 13.2 | 17.7 | 271.8 | 203.8 | NA | NA | NA | NA | NA | NA |
| 8/18/2019 | 16.3 | 1.30 | 13.7 | 18.4 | 288.0 | 216.0 | NA | NA | NA | NA | NA | NA |
| 8/19/2019 | 15.5 | 1.33 | 13.0 | 17.2 | 303.6 | 227.6 | NA | NA | NA | NA | NA | NA |
| 8/20/2019 | 17.1 | 1.68 | 14.2 | 19.4 | 320.7 | 240.7 | NA | NA | NA | NA | NA | NA |
| 8/21/2019 | 16.3 | 1.44 | 14.2 | 18.7 | 337.0 | 253.0 | NA | NA | NA | NA | NA | NA |
| 8/22/2019 | 14.9 | 1.15 | 13.0 | 16.4 | 351.9 | 263.9 | NA | NA | NA | NA | NA | NA |
| 8/23/2019 | 15.9 | 1.63 | 14.4 | 20.2 | 367.8 | 275.8 | NA | NA | NA | NA | NA | NA |
| 8/24/2019 | 16.2 | 1.65 | 13.8 | 18.9 | 384.1 | 288.1 | NA | NA | NA | NA | NA | NA |
| 8/25/2019 | 14.1 | 0.98 | 12.7 | 16.0 | 398.1 | 298.1 | NA | NA | NA | NA | NA | NA |
| 8/26/2019 | 15.0 | 0.59 | 13.9 | 15.9 | 413.1 | 309.1 | NA | NA | NA | NA | NA | NA |
| 8/27/2019 | 14.5 | 1.38 | 13.0 | 18.0 | 427.7 | 319.7 | NA | NA | NA | NA | NA | NA |
| 8/28/2019 | 18.1 | 0.27 | 17.4 | 18.4 | 445.7 | 333.7 | NA | NA | NA | NA | NA | NA |
| 8/29/2019 | 17.7 | 0.44 | 17.2 | 18.4 | 463.4 | 347.4 | NA | NA | NA | NA | NA | NA |
| 8/30/2019 | 18.1 | 0.69 | 16.9 | 19.0 | 481.5 | 361.5 | NA | NA | NA | NA | NA | NA |
| 8/31/2019 | 18.6 | 0.50 | 17.8 | 19.2 | 500.1 | 376.1 | NA | NA | NA | NA | NA | NA |

September

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/1/2019 | 18.8 | 0.71 | 17.3 | 19.7 | 18.8 | 14.8 | NA | NA | NA | NA | NA | NA |
| 9/2/2019 | 17.2 | 1.29 | 14.1 | 18.5 | 36.0 | 28.0 | NA | NA | NA | NA | NA | NA |
| 9/3/2019 | 17.9 | 0.70 | 16.4 | 18.8 | 54.0 | 42.0 | NA | NA | NA | NA | NA | NA |
| 9/4/2019 | 16.8 | 1.54 | 14.6 | 19.3 | 70.8 | 54.8 | NA | NA | NA | NA | NA | NA |
| 9/5/2019 | 18.3 | 1.21 | 16.6 | 19.9 | 89.1 | 69.1 | NA | NA | NA | NA | NA | NA |
| 9/6/2019 | 18.9 | 0.90 | 17.2 | 19.7 | 108.0 | 84.0 | NA | NA | NA | NA | NA | NA |
| 9/7/2019 | 13.9 | 4.26 | 3.8 | 18.8 | 121.9 | 93.9 | NA | NA | NA | NA | NA | NA |
| 9/8/2019 | 7.7 | 4.91 | 2.8 | 14.3 | 129.7 | 97.7 | NA | NA | NA | NA | NA | NA |
| 9/9/2019 | 15.8 | 0.34 | 14.9 | 16.2 | 145.4 | 109.4 | NA | NA | NA | NA | NA | NA |
| 9/10/2019 | 16.1 | 0.26 | 15.7 | 16.4 | 161.5 | 121.5 | NA | NA | NA | NA | NA | NA |
| 9/11/2019 | 14.5 | 0.80 | 13.6 | 16.3 | 176.0 | 132.0 | NA | NA | NA | NA | NA | NA |
| 9/12/2019 | 15.4 | 0.86 | 13.7 | 16.1 | 191.5 | 143.5 | NA | NA | NA | NA | NA | NA |
| 9/13/2019 | 15.1 | 0.35 | 14.7 | 16.1 | 206.6 | 154.6 | NA | NA | NA | NA | NA | NA |
| 9/14/2019 | 15.4 | 0.19 | 15.2 | 15.9 | 222.0 | 166.0 | NA | NA | NA | NA | NA | NA |
| 9/15/2019 | 15.5 | 0.29 | 15.1 | 15.9 | 237.5 | 177.5 | NA | NA | NA | NA | NA | NA |
| 9/16/2019 | 15.9 | 0.08 | 15.8 | 16.0 | 253.4 | 189.4 | NA | NA | NA | NA | NA | NA |
| 9/17/2019 | 16.0 | 0.09 | 15.8 | 16.1 | 269.4 | 201.4 | NA | NA | NA | NA | NA | NA |
| 9/18/2019 | 15.8 | 0.09 | 15.6 | 15.9 | 285.2 | 213.2 | NA | NA | NA | NA | NA | NA |
| 9/19/2019 | 15.5 | 0.07 | 15.4 | 15.6 | 300.7 | 224.7 | NA | NA | NA | NA | NA | NA |
| 9/20/2019 | 15.5 | 0.03 | 15.4 | 15.5 | 316.1 | 236.1 | NA | NA | NA | NA | NA | NA |
| 9/21/2019 | 15.4 | 0.30 | 14.8 | 15.8 | 331.5 | 247.5 | NA | NA | NA | NA | NA | NA |
| 9/22/2019 | 14.5 | 0.08 | 14.4 | 14.7 | 346.0 | 258.0 | NA | NA | NA | NA | NA | NA |
| 9/23/2019 | 14.5 | 0.30 | 14.2 | 15.3 | 360.5 | 268.5 | NA | NA | NA | NA | NA | NA |
| 9/24/2019 | 15.6 | 0.17 | 15.3 | 15.9 | 376.1 | 280.1 | NA | NA | NA | NA | NA | NA |
| 9/25/2019 | 15.3 | 0.57 | 14.7 | 16.2 | 391.4 | 291.4 | NA | NA | NA | NA | NA | NA |
| 9/26/2019 | 16.3 | 0.04 | 16.2 | 16.3 | 407.6 | 303.6 | NA | NA | NA | NA | NA | NA |
| 9/27/2019 | 16.0 | 0.13 | 15.8 | 16.2 | 423.6 | 315.6 | NA | NA | NA | NA | NA | NA |
| 9/28/2019 | 16.0 | 0.02 | 15.9 | 16.0 | 439.6 | 327.6 | NA | NA | NA | NA | NA | NA |
| 9/29/2019 | 16.0 | 0.10 | 15.7 | 16.1 | 455.6 | 339.6 | NA | NA | NA | NA | NA | NA |
| 9/30/2019 | 15.7 | 0.12 | 15.5 | 15.9 | 471.3 | 351.3 | NA | NA | NA | NA | NA | NA |

October

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/1/2019 | 15.4 | 0.07 | 15.3 | 15.5 | 15.4 | 11.4 | NA | NA | NA | NA | NA | NA |
| 10/2/2019 | 15.3 | 0.09 | 15.1 | 15.4 | 30.7 | 22.7 | NA | NA | NA | NA | NA | NA |
| 10/3/2019 | 14.9 | 0.17 | 14.6 | 15.1 | 45.6 | 33.6 | NA | NA | NA | NA | NA | NA |
| 10/4/2019 | 14.7 | 0.07 | 14.6 | 14.8 | 60.3 | 44.3 | NA | NA | NA | NA | NA | NA |
| 10/5/2019 | 14.6 | 0.05 | 14.5 | 14.6 | 74.9 | 54.9 | NA | NA | NA | NA | NA | NA |
| 10/6/2019 | 14.3 | 0.15 | 14.0 | 14.4 | 89.1 | 65.1 | NA | NA | NA | NA | NA | NA |
| 10/7/2019 | 14.3 | 0.03 | 14.2 | 14.3 | 103.4 | 75.4 | NA | NA | NA | NA | NA | NA |
| 10/8/2019 | 14.3 | 0.02 | 14.3 | 14.4 | 117.7 | 85.7 | NA | NA | NA | NA | NA | NA |
| 10/9/2019 | 14.3 | 0.05 | 14.2 | 14.4 | 132.0 | 96.0 | NA | NA | NA | NA | NA | NA |
| 10/10/2019 | 14.2 | 0.03 | 14.1 | 14.2 | 146.2 | 106.2 | NA | NA | NA | NA | NA | NA |
| 10/11/2019 | 13.9 | 0.21 | 13.5 | 14.2 | 160.0 | 116.0 | NA | NA | NA | NA | NA | NA |
| 10/12/2019 | 13.3 | 0.78 | 11.9 | 14.0 | 173.3 | 125.3 | NA | NA | NA | NA | NA | NA |
| 10/13/2019 | 13.5 | 0.23 | 12.8 | 13.8 | 186.9 | 134.9 | NA | NA | NA | NA | NA | NA |
| 10/14/2019 | 13.5 | 0.10 | 13.3 | 13.6 | 200.4 | 144.4 | NA | NA | NA | NA | NA | NA |
| 10/15/2019 | 13.0 | 0.20 | 12.7 | 13.3 | 213.4 | 153.4 | NA | NA | NA | NA | NA | NA |
| 10/16/2019 | 13.4 | 0.08 | 13.2 | 13.5 | 226.8 | 162.8 | NA | NA | NA | NA | NA | NA |
| 10/17/2019 | 12.3 | 1.91 | 8.9 | 13.4 | 239.1 | 171.1 | NA | NA | NA | NA | NA | NA |
| 10/18/2019 | 10.9 | 1.40 | 8.6 | 12.9 | 250.0 | 178.0 | NA | NA | NA | NA | NA | NA |
| 10/19/2019 | 12.9 | 0.05 | 12.9 | 13.0 | 262.9 | 186.9 | NA | NA | NA | NA | NA | NA |
| 10/20/2019 | 12.7 | 0.11 | 12.5 | 12.9 | 275.7 | 195.7 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/21/2019 | 12.6 | 0.10 | 12.4 | 12.8 | 288.3 | 204.3 | NA | NA | NA | NA | NA | NA |
| 10/22/2019 | 12.5 | 0.08 | 12.4 | 12.7 | 300.8 | 212.8 | NA | NA | NA | NA | NA | NA |
| 10/23/2019 | 11.4 | 1.06 | 8.9 | 12.4 | 312.2 | 220.2 | NA | NA | NA | NA | NA | NA |
| 10/24/2019 | 10.9 | 1.79 | 7.0 | 12.0 | 323.1 | 227.1 | NA | NA | NA | NA | NA | NA |
| 10/25/2019 | 12.1 | 0.07 | 12.0 | 12.2 | 335.2 | 235.2 | NA | NA | NA | NA | NA | NA |
| 10/26/2019 | 12.0 | 0.10 | 11.9 | 12.2 | 347.2 | 243.2 | NA | NA | NA | NA | NA | NA |
| 10/27/2019 | 11.8 | 0.15 | 11.5 | 11.9 | 359.0 | 251.0 | NA | NA | NA | NA | NA | NA |
| 10/28/2019 | 11.7 | 0.06 | 11.6 | 11.8 | 370.7 | 258.7 | NA | NA | NA | NA | NA | NA |
| 10/29/2019 | 11.6 | 0.06 | 11.5 | 11.7 | 382.3 | 266.3 | NA | NA | NA | NA | NA | NA |
| 10/30/2019 | 11.4 | 0.11 | 11.2 | 11.6 | 393.7 | 273.7 | NA | NA | NA | NA | NA | NA |
| 10/31/2019 | 11.3 | 0.19 | 10.9 | 11.4 | 405.0 | 281.0 | NA | NA | NA | NA | NA | NA |

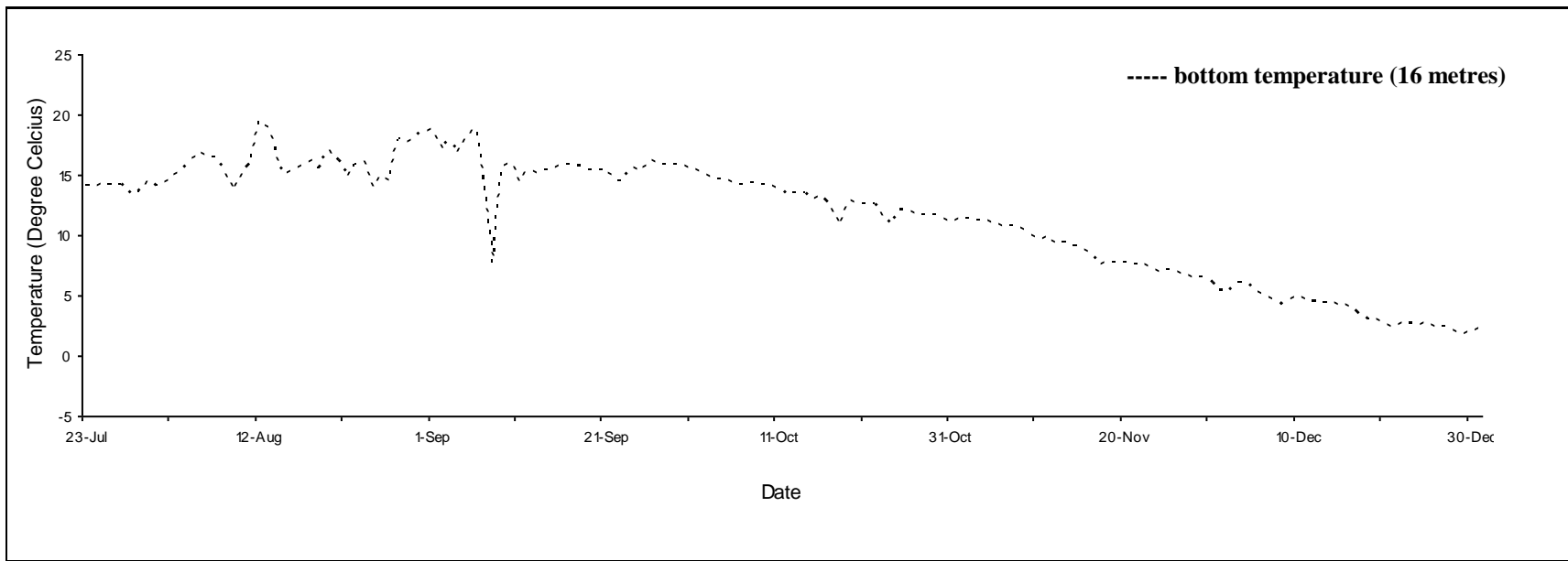
November

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 11/1/2019 | 11.4 | 0.20 | 10.9 | 11.6 | 11.4 | 7.4 | NA | NA | NA | NA | NA | NA |
| 11/2/2019 | 11.3 | 0.13 | 11.1 | 11.5 | 22.7 | 14.7 | NA | NA | NA | NA | NA | NA |
| 11/3/2019 | 11.1 | 0.06 | 11.1 | 11.2 | 33.8 | 21.8 | NA | NA | NA | NA | NA | NA |
| 11/4/2019 | 11.2 | 0.10 | 10.9 | 11.3 | 45.0 | 29.0 | NA | NA | NA | NA | NA | NA |
| 11/5/2019 | 11.1 | 0.10 | 10.9 | 11.2 | 56.1 | 36.1 | NA | NA | NA | NA | NA | NA |
| 11/6/2019 | 10.8 | 0.21 | 10.6 | 11.1 | 66.9 | 42.9 | NA | NA | NA | NA | NA | NA |
| 11/7/2019 | 10.8 | 0.08 | 10.7 | 10.9 | 77.7 | 49.7 | NA | NA | NA | NA | NA | NA |
| 11/8/2019 | 10.6 | 0.06 | 10.5 | 10.7 | 88.2 | 56.2 | NA | NA | NA | NA | NA | NA |
| 11/9/2019 | 10.1 | 0.22 | 9.8 | 10.4 | 98.3 | 62.3 | NA | NA | NA | NA | NA | NA |
| 11/10/2019 | 9.7 | 0.28 | 9.2 | 10.0 | 108.1 | 68.1 | NA | NA | NA | NA | NA | NA |
| 11/11/2019 | 9.8 | 0.08 | 9.7 | 9.9 | 117.9 | 73.9 | NA | NA | NA | NA | NA | NA |
| 11/12/2019 | 9.5 | 0.27 | 9.1 | 9.8 | 127.4 | 79.4 | NA | NA | NA | NA | NA | NA |
| 11/13/2019 | 9.4 | 0.17 | 9.1 | 9.6 | 136.8 | 84.8 | NA | NA | NA | NA | NA | NA |
| 11/14/2019 | 9.1 | 0.10 | 8.9 | 9.2 | 145.9 | 89.9 | NA | NA | NA | NA | NA | NA |
| 11/15/2019 | 9.0 | 0.15 | 8.7 | 9.2 | 154.8 | 94.8 | NA | NA | NA | NA | NA | NA |
| 11/16/2019 | 8.6 | 0.29 | 7.9 | 9.0 | 163.4 | 99.4 | NA | NA | NA | NA | NA | NA |
| 11/17/2019 | 7.5 | 0.60 | 6.4 | 8.1 | 170.9 | 102.9 | NA | NA | NA | NA | NA | NA |
| 11/18/2019 | 7.8 | 0.19 | 7.4 | 8.0 | 178.7 | 106.7 | NA | NA | NA | NA | NA | NA |
| 11/19/2019 | 7.8 | 0.10 | 7.7 | 8.0 | 186.5 | 110.5 | NA | NA | NA | NA | NA | NA |
| 11/20/2019 | 7.7 | 0.11 | 7.5 | 7.9 | 194.2 | 114.2 | NA | NA | NA | NA | NA | NA |
| 11/21/2019 | 7.6 | 0.03 | 7.5 | 7.6 | 201.7 | 117.7 | NA | NA | NA | NA | NA | NA |
| 11/22/2019 | 7.6 | 0.15 | 7.4 | 7.8 | 209.3 | 121.3 | NA | NA | NA | NA | NA | NA |
| 11/23/2019 | 7.4 | 0.30 | 6.8 | 7.7 | 216.7 | 124.7 | NA | NA | NA | NA | NA | NA |
| 11/24/2019 | 6.9 | 0.23 | 6.6 | 7.3 | 223.6 | 127.6 | NA | NA | NA | NA | NA | NA |
| 11/25/2019 | 7.1 | 0.14 | 6.8 | 7.2 | 230.6 | 130.6 | NA | NA | NA | NA | NA | NA |
| 11/26/2019 | 6.9 | 0.09 | 6.8 | 7.1 | 237.5 | 133.5 | NA | NA | NA | NA | NA | NA |
| 11/27/2019 | 6.8 | 0.11 | 6.6 | 6.9 | 244.3 | 136.3 | NA | NA | NA | NA | NA | NA |
| 11/28/2019 | 6.6 | 0.09 | 6.5 | 6.7 | 250.9 | 138.9 | NA | NA | NA | NA | NA | NA |
| 11/29/2019 | 6.5 | 0.06 | 6.3 | 6.6 | 257.3 | 141.3 | NA | NA | NA | NA | NA | NA |
| 11/30/2019 | 6.0 | 0.22 | 5.7 | 6.3 | 263.3 | 143.3 | NA | NA | NA | NA | NA | NA |

December

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 12/1/2019 | 5.5 | 0.16 | 5.2 | 5.7 | 5.5 | 1.5 | NA | NA | NA | NA | NA | NA |
| 12/2/2019 | 5.3 | 0.17 | 5.0 | 5.5 | 10.7 | 2.7 | NA | NA | NA | NA | NA | NA |
| 12/3/2019 | 6.0 | 0.44 | 5.4 | 6.4 | 16.8 | 4.8 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 12/4/2019 | 6.1 | 0.26 | 5.7 | 6.4 | 22.9 | 6.9 | NA | NA | NA | NA | NA | NA |
| 12/5/2019 | 5.5 | 0.24 | 5.2 | 5.8 | 28.4 | 8.4 | NA | NA | NA | NA | NA | NA |
| 12/6/2019 | 5.1 | 0.14 | 4.8 | 5.2 | 33.5 | 9.5 | NA | NA | NA | NA | NA | NA |
| 12/7/2019 | 4.7 | 0.10 | 4.5 | 4.8 | 38.1 | 10.1 | NA | NA | NA | NA | NA | NA |
| 12/8/2019 | 4.3 | 0.24 | 3.9 | 4.5 | 42.4 | 10.4 | NA | NA | NA | NA | NA | NA |
| 12/9/2019 | 4.6 | 0.40 | 4.0 | 5.0 | 47.0 | 11.0 | NA | NA | NA | NA | NA | NA |
| 12/10/2019 | 5.0 | 0.26 | 4.4 | 5.3 | 52.0 | 12.0 | NA | NA | NA | NA | NA | NA |
| 12/11/2019 | 4.6 | 0.22 | 4.1 | 4.8 | 56.5 | 12.5 | NA | NA | NA | NA | NA | NA |
| 12/12/2019 | 4.6 | 0.30 | 4.2 | 5.0 | 61.1 | 13.1 | NA | NA | NA | NA | NA | NA |
| 12/13/2019 | 4.4 | 0.13 | 4.2 | 4.6 | 65.5 | 13.5 | NA | NA | NA | NA | NA | NA |
| 12/14/2019 | 4.4 | 0.10 | 4.2 | 4.5 | 69.9 | 13.9 | NA | NA | NA | NA | NA | NA |
| 12/15/2019 | 4.3 | 0.10 | 4.2 | 4.5 | 74.2 | 14.2 | NA | NA | NA | NA | NA | NA |
| 12/16/2019 | 4.1 | 0.33 | 3.6 | 4.5 | 78.3 | 14.3 | NA | NA | NA | NA | NA | NA |
| 12/17/2019 | 3.4 | 0.19 | 3.1 | 3.7 | 81.7 | 14.3 | NA | NA | NA | NA | NA | NA |
| 12/18/2019 | 3.0 | 0.19 | 2.7 | 3.3 | 84.7 | 14.3 | NA | NA | NA | NA | NA | NA |
| 12/19/2019 | 3.1 | 0.11 | 2.9 | 3.2 | 87.8 | 14.3 | NA | NA | NA | NA | NA | NA |
| 12/20/2019 | 2.7 | 0.42 | 2.2 | 3.1 | 90.5 | 14.3 | NA | NA | NA | NA | NA | NA |
| 12/21/2019 | 2.2 | 0.14 | 1.9 | 2.4 | 92.8 | 14.3 | NA | NA | NA | NA | NA | NA |
| 12/22/2019 | 2.7 | 0.19 | 2.4 | 3.0 | 95.5 | 14.3 | NA | NA | NA | NA | NA | NA |
| 12/23/2019 | 2.8 | 0.12 | 2.6 | 2.9 | 98.2 | 14.3 | NA | NA | NA | NA | NA | NA |
| 12/24/2019 | 2.6 | 0.25 | 2.2 | 2.9 | 100.8 | 14.3 | NA | NA | NA | NA | NA | NA |
| 12/25/2019 | 2.7 | 0.09 | 2.5 | 2.8 | 103.5 | 14.3 | NA | NA | NA | NA | NA | NA |
| 12/26/2019 | 2.4 | 0.19 | 2.1 | 2.8 | 105.9 | 14.3 | NA | NA | NA | NA | NA | NA |
| 12/27/2019 | 2.5 | 0.10 | 2.2 | 2.6 | 108.3 | 14.3 | NA | NA | NA | NA | NA | NA |
| 12/28/2019 | 2.0 | 0.28 | 1.7 | 2.5 | 110.4 | 14.3 | NA | NA | NA | NA | NA | NA |
| 12/29/2019 | 1.9 | 0.45 | 1.4 | 2.5 | 112.3 | 14.3 | NA | NA | NA | NA | NA | NA |
| 12/30/2019 | 2.1 | 0.53 | 1.1 | 2.6 | 114.3 | 14.3 | NA | NA | NA | NA | NA | NA |
| 12/31/2019 | 2.3 | 0.12 | 2.2 | 2.5 | 116.7 | 14.3 | NA | NA | NA | NA | NA | NA |



Daily mean temperature for Cape George, N.S., 2019.

Cape Tormentine, N.B.

2019

May

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 5/1/2019 | 4.2 | 0.20 | 4.0 | 4.6 | 4.2 | 0.2 | NA | NA | NA | NA | NA | NA |
| 5/2/2019 | 4.3 | 0.30 | 4.0 | 4.8 | 8.5 | 0.5 | NA | NA | NA | NA | NA | NA |
| 5/3/2019 | 4.3 | 0.23 | 4.1 | 4.7 | 12.8 | 0.8 | NA | NA | NA | NA | NA | NA |
| 5/4/2019 | 4.5 | 0.35 | 4.2 | 5.4 | 17.2 | 1.2 | NA | NA | NA | NA | NA | NA |
| 5/5/2019 | 4.6 | 0.35 | 4.3 | 5.6 | 21.8 | 1.8 | NA | NA | NA | NA | NA | NA |
| 5/6/2019 | 5.0 | 0.47 | 4.6 | 6.1 | 26.8 | 2.8 | NA | NA | NA | NA | NA | NA |
| 5/7/2019 | 5.3 | 0.48 | 4.8 | 6.4 | 32.1 | 4.1 | NA | NA | NA | NA | NA | NA |
| 5/8/2019 | 5.8 | 0.65 | 5.1 | 7.3 | 37.9 | 5.9 | NA | NA | NA | NA | NA | NA |
| 5/9/2019 | 5.9 | 0.27 | 5.6 | 6.4 | 43.8 | 7.8 | NA | NA | NA | NA | NA | NA |
| 5/10/2019 | 5.8 | 0.23 | 5.6 | 6.3 | 49.6 | 9.6 | NA | NA | NA | NA | NA | NA |
| 5/11/2019 | 5.8 | 0.39 | 5.4 | 6.5 | 55.4 | 11.4 | NA | NA | NA | NA | NA | NA |
| 5/12/2019 | 5.9 | 0.42 | 5.6 | 6.9 | 61.3 | 13.3 | NA | NA | NA | NA | NA | NA |
| 5/13/2019 | 6.1 | 0.24 | 5.8 | 6.6 | 67.5 | 15.5 | NA | NA | NA | NA | NA | NA |
| 5/14/2019 | 6.2 | 0.29 | 5.8 | 6.6 | 73.7 | 17.7 | NA | NA | NA | NA | NA | NA |
| 5/15/2019 | 6.2 | 0.22 | 6.0 | 6.6 | 79.9 | 19.9 | NA | NA | NA | NA | NA | NA |
| 5/16/2019 | 6.3 | 0.18 | 6.1 | 6.6 | 86.2 | 22.2 | NA | NA | NA | NA | NA | NA |
| 5/17/2019 | 6.4 | 0.19 | 6.2 | 6.8 | 92.6 | 24.6 | NA | NA | NA | NA | NA | NA |
| 5/18/2019 | 6.5 | 0.17 | 6.3 | 6.7 | 99.1 | 27.1 | NA | NA | NA | NA | NA | NA |
| 5/19/2019 | 6.6 | 0.22 | 6.3 | 7.0 | 105.6 | 29.6 | NA | NA | NA | NA | NA | NA |
| 5/20/2019 | 6.7 | 0.12 | 6.6 | 7.0 | 112.4 | 32.4 | NA | NA | NA | NA | NA | NA |
| 5/21/2019 | 6.8 | 0.08 | 6.7 | 7.0 | 119.2 | 35.2 | NA | NA | NA | NA | NA | NA |
| 5/22/2019 | 7.1 | 0.15 | 6.9 | 7.3 | 126.3 | 38.3 | NA | NA | NA | NA | NA | NA |
| 5/23/2019 | 7.1 | 0.28 | 6.9 | 7.7 | 133.4 | 41.4 | NA | NA | NA | NA | NA | NA |
| 5/24/2019 | 7.3 | 0.15 | 7.2 | 7.6 | 140.8 | 44.8 | NA | NA | NA | NA | NA | NA |
| 5/25/2019 | 7.5 | 0.29 | 7.2 | 8.0 | 148.3 | 48.3 | NA | NA | NA | NA | NA | NA |
| 5/26/2019 | 7.6 | 0.26 | 7.3 | 8.2 | 155.9 | 51.9 | NA | NA | NA | NA | NA | NA |
| 5/27/2019 | 7.3 | 0.34 | 7.1 | 8.0 | 163.2 | 55.2 | NA | NA | NA | NA | NA | NA |
| 5/28/2019 | 7.8 | 0.42 | 7.1 | 8.5 | 171.0 | 59.0 | NA | NA | NA | NA | NA | NA |
| 5/29/2019 | 8.0 | 0.46 | 7.3 | 8.7 | 179.0 | 63.0 | NA | NA | NA | NA | NA | NA |
| 5/30/2019 | 7.8 | 0.51 | 7.3 | 8.7 | 186.8 | 66.8 | NA | NA | NA | NA | NA | NA |
| 5/31/2019 | 7.3 | 0.42 | 6.8 | 8.4 | 194.1 | 70.1 | NA | NA | NA | NA | NA | NA |

June

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/1/2019 | 7.8 | 0.51 | 7.2 | 8.9 | 7.8 | 3.8 | NA | NA | NA | NA | NA | NA |
| 6/2/2019 | 8.2 | 0.45 | 7.6 | 9.2 | 16.0 | 8.0 | NA | NA | NA | NA | NA | NA |
| 6/3/2019 | 8.7 | 0.41 | 8.1 | 9.4 | 24.7 | 12.7 | NA | NA | NA | NA | NA | NA |
| 6/4/2019 | 9.2 | 0.44 | 8.7 | 10.2 | 33.9 | 17.9 | NA | NA | NA | NA | NA | NA |
| 6/5/2019 | 9.6 | 0.37 | 9.2 | 10.3 | 43.5 | 23.5 | NA | NA | NA | NA | NA | NA |
| 6/6/2019 | 9.7 | 0.23 | 9.4 | 10.2 | 53.1 | 29.1 | NA | NA | NA | NA | NA | NA |
| 6/7/2019 | 9.9 | 0.31 | 9.6 | 10.6 | 63.1 | 35.1 | NA | NA | NA | NA | NA | NA |
| 6/8/2019 | 10.2 | 0.47 | 9.7 | 11.1 | 73.3 | 41.3 | NA | NA | NA | NA | NA | NA |
| 6/9/2019 | 10.6 | 0.47 | 10.0 | 11.5 | 83.9 | 47.9 | NA | NA | NA | NA | NA | NA |
| 6/10/2019 | 10.7 | 0.53 | 9.8 | 11.6 | 94.6 | 54.6 | NA | NA | NA | NA | NA | NA |
| 6/11/2019 | 10.5 | 0.63 | 9.1 | 11.4 | 105.1 | 61.1 | NA | NA | NA | NA | NA | NA |
| 6/12/2019 | 11.0 | 0.86 | 9.1 | 12.3 | 116.1 | 68.1 | NA | NA | NA | NA | NA | NA |
| 6/13/2019 | 11.9 | 0.74 | 11.0 | 13.2 | 128.0 | 76.0 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/14/2019 | 11.4 | 1.18 | 9.3 | 13.1 | 139.4 | 83.4 | NA | NA | NA | NA | NA | NA |
| 6/15/2019 | 11.5 | 0.96 | 9.5 | 13.4 | 150.9 | 90.9 | NA | NA | NA | NA | NA | NA |
| 6/16/2019 | 11.9 | 0.86 | 10.8 | 13.5 | 162.8 | 98.8 | NA | NA | NA | NA | NA | NA |
| 6/17/2019 | 12.0 | 1.15 | 9.9 | 13.8 | 174.8 | 106.8 | NA | NA | NA | NA | NA | NA |
| 6/18/2019 | 12.4 | 1.16 | 10.0 | 14.2 | 187.3 | 115.3 | NA | NA | NA | NA | NA | NA |
| 6/19/2019 | 12.7 | 1.29 | 10.4 | 14.9 | 199.9 | 123.9 | NA | NA | NA | NA | NA | NA |
| 6/20/2019 | 12.1 | 1.61 | 9.7 | 14.8 | 212.0 | 132.0 | NA | NA | NA | NA | NA | NA |
| 6/21/2019 | 12.7 | 1.49 | 9.8 | 14.6 | 224.7 | 140.7 | NA | NA | NA | NA | NA | NA |
| 6/22/2019 | 14.3 | 0.53 | 13.3 | 15.2 | 239.0 | 151.0 | NA | NA | NA | NA | NA | NA |
| 6/23/2019 | 14.2 | 0.28 | 13.8 | 14.8 | 253.2 | 161.2 | NA | NA | NA | NA | NA | NA |
| 6/24/2019 | 14.6 | 0.26 | 14.2 | 15.0 | 267.8 | 171.8 | NA | NA | NA | NA | NA | NA |
| 6/25/2019 | 14.7 | 0.26 | 14.4 | 15.3 | 282.5 | 182.5 | NA | NA | NA | NA | NA | NA |
| 6/26/2019 | 14.1 | 0.30 | 13.7 | 14.7 | 296.6 | 192.6 | NA | NA | NA | NA | NA | NA |
| 6/27/2019 | 12.7 | 1.08 | 10.6 | 13.9 | 309.3 | 201.3 | NA | NA | NA | NA | NA | NA |
| 6/28/2019 | 10.8 | 0.98 | 9.4 | 12.2 | 320.1 | 208.1 | NA | NA | NA | NA | NA | NA |
| 6/29/2019 | 12.5 | 1.40 | 10.1 | 14.3 | 332.6 | 216.6 | NA | NA | NA | NA | NA | NA |
| 6/30/2019 | 13.2 | 1.23 | 10.9 | 14.8 | 345.8 | 225.8 | NA | NA | NA | NA | NA | NA |

July

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/1/2019 | 14.5 | 0.15 | 14.1 | 14.7 | 14.5 | 10.5 | NA | NA | NA | NA | NA | NA |
| 7/2/2019 | 14.6 | 0.09 | 14.4 | 14.7 | 29.1 | 21.1 | NA | NA | NA | NA | NA | NA |
| 7/3/2019 | 14.7 | 0.27 | 14.2 | 15.1 | 43.8 | 31.8 | NA | NA | NA | NA | NA | NA |
| 7/4/2019 | 14.5 | 0.76 | 12.8 | 15.6 | 58.3 | 42.3 | NA | NA | NA | NA | NA | NA |
| 7/5/2019 | 14.5 | 0.76 | 13.2 | 15.7 | 72.8 | 52.8 | NA | NA | NA | NA | NA | NA |
| 7/6/2019 | 14.3 | 1.11 | 12.1 | 16.1 | 87.2 | 63.2 | NA | NA | NA | NA | NA | NA |
| 7/7/2019 | 15.1 | 0.95 | 14.0 | 17.0 | 102.3 | 74.3 | NA | NA | NA | NA | NA | NA |
| 7/8/2019 | 15.3 | 0.95 | 12.9 | 16.5 | 117.6 | 85.6 | NA | NA | NA | NA | NA | NA |
| 7/9/2019 | 15.6 | 1.06 | 13.4 | 17.1 | 133.3 | 97.3 | NA | NA | NA | NA | NA | NA |
| 7/10/2019 | 15.7 | 1.41 | 13.0 | 17.1 | 148.9 | 108.9 | NA | NA | NA | NA | NA | NA |
| 7/11/2019 | 14.8 | 1.74 | 12.2 | 17.1 | 163.7 | 119.7 | NA | NA | NA | NA | NA | NA |
| 7/12/2019 | 12.7 | 1.50 | 11.2 | 15.1 | 176.4 | 128.4 | NA | NA | NA | NA | NA | NA |
| 7/13/2019 | 11.3 | 0.59 | 10.4 | 12.0 | 187.7 | 135.7 | NA | NA | NA | NA | NA | NA |
| 7/14/2019 | 13.0 | 1.43 | 10.6 | 14.7 | 200.7 | 144.7 | NA | NA | NA | NA | NA | NA |
| 7/15/2019 | 15.0 | 0.91 | 12.9 | 15.9 | 215.7 | 155.7 | NA | NA | NA | NA | NA | NA |
| 7/16/2019 | 15.7 | 0.78 | 14.5 | 17.0 | 231.4 | 167.4 | NA | NA | NA | NA | NA | NA |
| 7/17/2019 | 15.1 | 1.29 | 12.9 | 17.0 | 246.4 | 178.4 | NA | NA | NA | NA | NA | NA |
| 7/18/2019 | 15.7 | 1.29 | 14.3 | 17.4 | 262.2 | 190.2 | NA | NA | NA | NA | NA | NA |
| 7/19/2019 | 15.7 | 1.36 | 13.8 | 17.7 | 277.9 | 201.9 | NA | NA | NA | NA | NA | NA |
| 7/20/2019 | 15.5 | 1.63 | 13.0 | 18.1 | 293.4 | 213.4 | NA | NA | NA | NA | NA | NA |
| 7/21/2019 | 15.8 | 1.77 | 13.3 | 18.2 | 309.2 | 225.2 | NA | NA | NA | NA | NA | NA |
| 7/22/2019 | 15.7 | 1.66 | 13.2 | 18.8 | 324.9 | 236.9 | NA | NA | NA | NA | NA | NA |
| 7/23/2019 | 15.5 | 1.86 | 13.0 | 18.9 | 340.4 | 248.4 | NA | NA | NA | NA | NA | NA |
| 7/24/2019 | 14.6 | 1.57 | 12.6 | 18.1 | 355.0 | 259.0 | NA | NA | NA | NA | NA | NA |
| 7/25/2019 | 15.9 | 2.18 | 12.2 | 19.1 | 370.9 | 270.9 | NA | NA | NA | NA | NA | NA |
| 7/26/2019 | 15.8 | 2.05 | 13.6 | 19.5 | 386.7 | 282.7 | NA | NA | NA | NA | NA | NA |
| 7/27/2019 | 14.8 | 1.82 | 12.6 | 18.9 | 401.5 | 293.5 | NA | NA | NA | NA | NA | NA |
| 7/28/2019 | 13.8 | 1.94 | 12.1 | 19.1 | 415.3 | 303.3 | NA | NA | NA | NA | NA | NA |
| 7/29/2019 | 14.0 | 1.87 | 12.1 | 17.1 | 429.3 | 313.3 | NA | NA | NA | NA | NA | NA |
| 7/30/2019 | 15.3 | 2.10 | 12.2 | 19.0 | 444.6 | 324.6 | NA | NA | NA | NA | NA | NA |
| 7/31/2019 | 16.4 | 2.14 | 12.9 | 18.5 | 461.0 | 337.0 | NA | NA | NA | NA | NA | NA |

August

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/1/2019 | 17.0 | 1.52 | 15.1 | 19.6 | 17.0 | 13.0 | NA | NA | NA | NA | NA | NA |
| 8/2/2019 | 17.4 | 1.30 | 14.7 | 19.6 | 34.4 | 26.4 | NA | NA | NA | NA | NA | NA |
| 8/3/2019 | 18.0 | 1.07 | 16.5 | 20.0 | 52.4 | 40.4 | NA | NA | NA | NA | NA | NA |
| 8/4/2019 | 18.3 | 1.08 | 16.7 | 20.1 | 70.7 | 54.7 | NA | NA | NA | NA | NA | NA |
| 8/5/2019 | 18.7 | 0.74 | 17.7 | 20.0 | 89.4 | 69.4 | NA | NA | NA | NA | NA | NA |
| 8/6/2019 | 18.5 | 1.28 | 16.3 | 20.3 | 107.9 | 83.9 | NA | NA | NA | NA | NA | NA |
| 8/7/2019 | 17.7 | 1.00 | 15.8 | 19.1 | 125.6 | 97.6 | NA | NA | NA | NA | NA | NA |
| 8/8/2019 | 16.4 | 1.16 | 15.2 | 18.5 | 142.0 | 110.0 | NA | NA | NA | NA | NA | NA |
| 8/9/2019 | 15.2 | 0.62 | 13.9 | 15.7 | 157.2 | 121.2 | NA | NA | NA | NA | NA | NA |
| 8/10/2019 | 16.8 | 1.32 | 14.7 | 18.4 | 174.0 | 134.0 | NA | NA | NA | NA | NA | NA |
| 8/11/2019 | 17.5 | 1.22 | 15.6 | 19.4 | 191.5 | 147.5 | NA | NA | NA | NA | NA | NA |
| 8/12/2019 | 18.4 | 1.04 | 16.9 | 19.8 | 209.9 | 161.9 | NA | NA | NA | NA | NA | NA |
| 8/13/2019 | 18.1 | 1.25 | 15.8 | 19.7 | 227.9 | 175.9 | NA | NA | NA | NA | NA | NA |
| 8/14/2019 | 18.2 | 1.23 | 16.3 | 19.9 | 246.2 | 190.2 | NA | NA | NA | NA | NA | NA |
| 8/15/2019 | 17.9 | 1.56 | 15.4 | 20.0 | 264.1 | 204.1 | NA | NA | NA | NA | NA | NA |
| 8/16/2019 | 17.3 | 1.47 | 15.5 | 20.3 | 281.4 | 217.4 | NA | NA | NA | NA | NA | NA |
| 8/17/2019 | 17.4 | 1.44 | 15.4 | 20.1 | 298.8 | 230.8 | NA | NA | NA | NA | NA | NA |
| 8/18/2019 | 17.1 | 1.06 | 15.3 | 18.8 | 315.8 | 243.8 | NA | NA | NA | NA | NA | NA |
| 8/19/2019 | 17.4 | 0.93 | 16.2 | 19.2 | 333.2 | 257.2 | NA | NA | NA | NA | NA | NA |
| 8/20/2019 | 17.8 | 1.04 | 16.5 | 19.7 | 351.0 | 271.0 | NA | NA | NA | NA | NA | NA |
| 8/21/2019 | 17.7 | 1.02 | 16.1 | 19.6 | 368.8 | 284.8 | NA | NA | NA | NA | NA | NA |
| 8/22/2019 | 17.5 | 1.13 | 16.1 | 19.6 | 386.2 | 298.2 | NA | NA | NA | NA | NA | NA |
| 8/23/2019 | 17.7 | 0.70 | 16.3 | 18.6 | 404.0 | 312.0 | NA | NA | NA | NA | NA | NA |
| 8/24/2019 | 19.7 | 0.82 | 17.5 | 20.3 | 423.7 | 327.7 | NA | NA | NA | NA | NA | NA |
| 8/25/2019 | 19.1 | 0.84 | 17.7 | 20.1 | 442.7 | 342.7 | NA | NA | NA | NA | NA | NA |
| 8/26/2019 | 17.6 | 0.80 | 16.5 | 18.7 | 460.3 | 356.3 | NA | NA | NA | NA | NA | NA |
| 8/27/2019 | 17.8 | 1.26 | 15.8 | 19.5 | 478.2 | 370.2 | NA | NA | NA | NA | NA | NA |
| 8/28/2019 | 18.4 | 0.71 | 17.5 | 19.5 | 496.5 | 384.5 | NA | NA | NA | NA | NA | NA |
| 8/29/2019 | 18.2 | 0.65 | 17.3 | 19.6 | 514.8 | 398.8 | NA | NA | NA | NA | NA | NA |
| 8/30/2019 | 18.3 | 0.60 | 17.5 | 19.7 | 533.1 | 413.1 | NA | NA | NA | NA | NA | NA |
| 8/31/2019 | 18.8 | 0.62 | 17.6 | 19.8 | 551.8 | 427.8 | NA | NA | NA | NA | NA | NA |

September

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/1/2019 | 18.9 | 0.26 | 18.5 | 19.3 | 18.9 | 14.9 | NA | NA | NA | NA | NA | NA |
| 9/2/2019 | 18.8 | 0.43 | 18.1 | 19.5 | 37.8 | 29.8 | NA | NA | NA | NA | NA | NA |
| 9/3/2019 | 18.7 | 0.36 | 18.3 | 19.4 | 56.5 | 44.5 | NA | NA | NA | NA | NA | NA |
| 9/4/2019 | 18.5 | 0.44 | 17.7 | 19.2 | 75.0 | 59.0 | NA | NA | NA | NA | NA | NA |
| 9/5/2019 | 18.5 | 0.44 | 18.0 | 19.6 | 93.5 | 73.5 | NA | NA | NA | NA | NA | NA |
| 9/6/2019 | 18.7 | 0.23 | 18.4 | 19.1 | 112.2 | 88.2 | NA | NA | NA | NA | NA | NA |
| 9/7/2019 | 18.7 | 0.22 | 18.2 | 19.0 | 130.9 | 102.9 | NA | NA | NA | NA | NA | NA |
| 9/8/2019 | 18.3 | 0.31 | 17.7 | 18.6 | 149.1 | 117.1 | NA | NA | NA | NA | NA | NA |
| 9/9/2019 | 18.0 | 0.21 | 17.7 | 18.4 | 167.2 | 131.2 | NA | NA | NA | NA | NA | NA |
| 9/10/2019 | 17.9 | 0.18 | 17.6 | 18.1 | 185.0 | 145.0 | NA | NA | NA | NA | NA | NA |
| 9/11/2019 | 17.8 | 0.17 | 17.4 | 17.9 | 202.8 | 158.8 | NA | NA | NA | NA | NA | NA |
| 9/12/2019 | 17.3 | 0.10 | 17.1 | 17.5 | 220.1 | 172.1 | NA | NA | NA | NA | NA | NA |
| 9/13/2019 | 17.2 | 0.07 | 17.1 | 17.3 | 237.3 | 185.3 | NA | NA | NA | NA | NA | NA |
| 9/14/2019 | 17.1 | 0.08 | 16.9 | 17.2 | 254.3 | 198.3 | NA | NA | NA | NA | NA | NA |
| 9/15/2019 | 17.2 | 0.18 | 16.8 | 17.4 | 271.5 | 211.5 | NA | NA | NA | NA | NA | NA |
| 9/16/2019 | 17.1 | 0.12 | 16.9 | 17.2 | 288.6 | 224.6 | NA | NA | NA | NA | NA | NA |
| 9/17/2019 | 16.7 | 0.19 | 16.3 | 16.9 | 305.3 | 237.3 | NA | NA | NA | NA | NA | NA |
| 9/18/2019 | 16.5 | 0.13 | 16.2 | 16.6 | 321.8 | 249.8 | NA | NA | NA | NA | NA | NA |
| 9/19/2019 | 16.4 | 0.14 | 16.1 | 16.6 | 338.3 | 262.3 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/20/2019 | 16.4 | 0.14 | 16.1 | 16.6 | 354.7 | 274.7 | NA | NA | NA | NA | NA | NA |
| 9/21/2019 | 16.6 | 0.16 | 16.2 | 16.7 | 371.3 | 287.3 | NA | NA | NA | NA | NA | NA |
| 9/22/2019 | 16.6 | 0.15 | 16.3 | 16.7 | 387.8 | 299.8 | NA | NA | NA | NA | NA | NA |
| 9/23/2019 | 16.5 | 0.13 | 16.2 | 16.7 | 404.4 | 312.4 | NA | NA | NA | NA | NA | NA |
| 9/24/2019 | 16.4 | 0.11 | 16.2 | 16.6 | 420.8 | 324.8 | NA | NA | NA | NA | NA | NA |
| 9/25/2019 | 16.3 | 0.18 | 16.0 | 16.5 | 437.1 | 337.1 | NA | NA | NA | NA | NA | NA |
| 9/26/2019 | 15.8 | 0.26 | 15.5 | 16.3 | 452.9 | 348.9 | NA | NA | NA | NA | NA | NA |
| 9/27/2019 | 15.8 | 0.24 | 15.5 | 16.2 | 468.6 | 360.6 | NA | NA | NA | NA | NA | NA |
| 9/28/2019 | 15.7 | 0.17 | 15.5 | 16.0 | 484.3 | 372.3 | NA | NA | NA | NA | NA | NA |
| 9/29/2019 | 15.7 | 0.21 | 15.5 | 16.2 | 500.1 | 384.1 | NA | NA | NA | NA | NA | NA |
| 9/30/2019 | 15.3 | 0.07 | 15.2 | 15.4 | 515.4 | 395.4 | NA | NA | NA | NA | NA | NA |

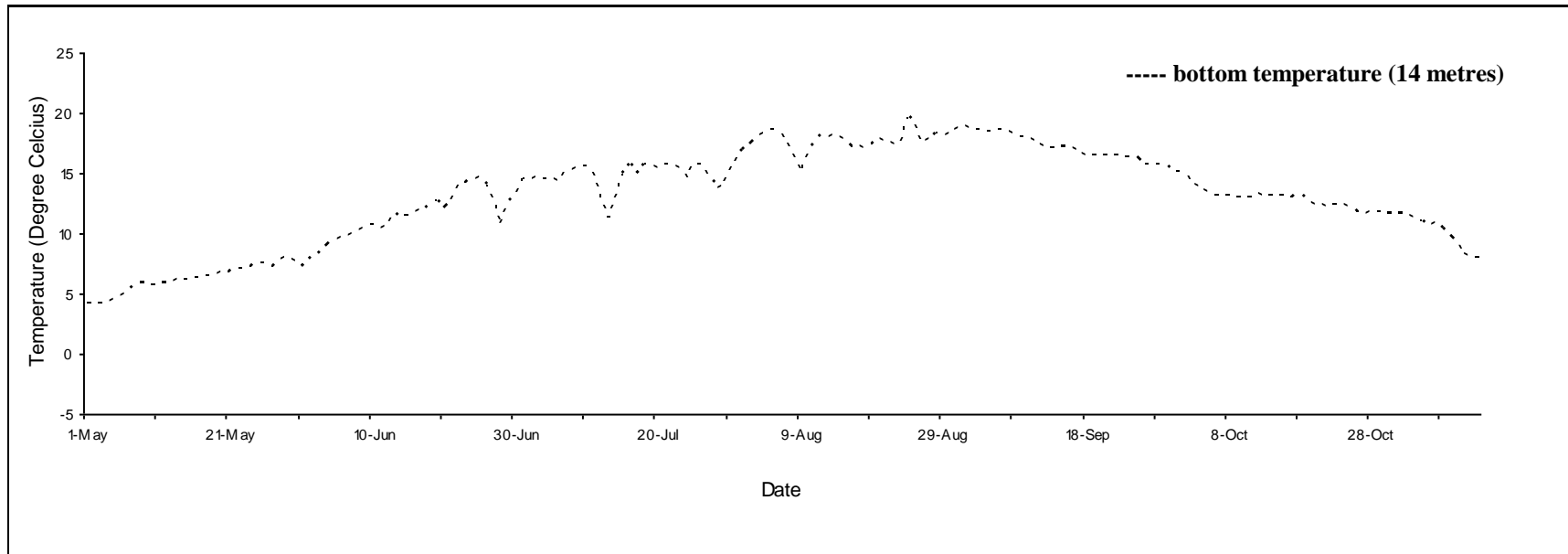
October

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/1/2019 | 15.2 | 0.05 | 15.1 | 15.2 | 15.2 | 11.2 | NA | NA | NA | NA | NA | NA |
| 10/2/2019 | 14.9 | 0.16 | 14.6 | 15.1 | 30.1 | 22.1 | NA | NA | NA | NA | NA | NA |
| 10/3/2019 | 14.2 | 0.15 | 13.9 | 14.5 | 44.3 | 32.3 | NA | NA | NA | NA | NA | NA |
| 10/4/2019 | 13.9 | 0.22 | 13.4 | 14.2 | 58.2 | 42.2 | NA | NA | NA | NA | NA | NA |
| 10/5/2019 | 13.5 | 0.19 | 13.2 | 13.8 | 71.7 | 51.7 | NA | NA | NA | NA | NA | NA |
| 10/6/2019 | 13.2 | 0.32 | 12.5 | 13.5 | 85.0 | 61.0 | NA | NA | NA | NA | NA | NA |
| 10/7/2019 | 13.1 | 0.34 | 12.4 | 13.4 | 98.1 | 70.1 | NA | NA | NA | NA | NA | NA |
| 10/8/2019 | 13.2 | 0.12 | 12.9 | 13.3 | 111.3 | 79.3 | NA | NA | NA | NA | NA | NA |
| 10/9/2019 | 13.1 | 0.07 | 12.9 | 13.2 | 124.4 | 88.4 | NA | NA | NA | NA | NA | NA |
| 10/10/2019 | 13.1 | 0.11 | 12.9 | 13.2 | 137.4 | 97.4 | NA | NA | NA | NA | NA | NA |
| 10/11/2019 | 13.0 | 0.11 | 12.8 | 13.1 | 150.4 | 106.4 | NA | NA | NA | NA | NA | NA |
| 10/12/2019 | 13.4 | 0.08 | 13.3 | 13.5 | 163.8 | 115.8 | NA | NA | NA | NA | NA | NA |
| 10/13/2019 | 13.2 | 0.10 | 13.0 | 13.3 | 176.9 | 124.9 | NA | NA | NA | NA | NA | NA |
| 10/14/2019 | 13.1 | 0.07 | 13.0 | 13.2 | 190.1 | 134.1 | NA | NA | NA | NA | NA | NA |
| 10/15/2019 | 13.2 | 0.04 | 13.1 | 13.2 | 203.3 | 143.3 | NA | NA | NA | NA | NA | NA |
| 10/16/2019 | 13.1 | 0.07 | 13.0 | 13.2 | 216.4 | 152.4 | NA | NA | NA | NA | NA | NA |
| 10/17/2019 | 13.1 | 0.23 | 12.8 | 13.4 | 229.5 | 161.5 | NA | NA | NA | NA | NA | NA |
| 10/18/2019 | 13.3 | 0.08 | 13.1 | 13.4 | 242.7 | 170.7 | NA | NA | NA | NA | NA | NA |
| 10/19/2019 | 12.7 | 0.24 | 12.3 | 13.0 | 255.4 | 179.4 | NA | NA | NA | NA | NA | NA |
| 10/20/2019 | 12.5 | 0.32 | 12.0 | 12.8 | 267.9 | 187.9 | NA | NA | NA | NA | NA | NA |
| 10/21/2019 | 12.4 | 0.14 | 12.0 | 12.5 | 280.3 | 196.3 | NA | NA | NA | NA | NA | NA |
| 10/22/2019 | 12.3 | 0.11 | 12.1 | 12.5 | 292.6 | 204.6 | NA | NA | NA | NA | NA | NA |
| 10/23/2019 | 12.4 | 0.12 | 12.1 | 12.5 | 304.9 | 212.9 | NA | NA | NA | NA | NA | NA |
| 10/24/2019 | 12.4 | 0.15 | 12.3 | 12.7 | 317.4 | 221.4 | NA | NA | NA | NA | NA | NA |
| 10/25/2019 | 12.1 | 0.11 | 11.9 | 12.3 | 329.5 | 229.5 | NA | NA | NA | NA | NA | NA |
| 10/26/2019 | 11.8 | 0.13 | 11.6 | 12.0 | 341.3 | 237.3 | NA | NA | NA | NA | NA | NA |
| 10/27/2019 | 11.7 | 0.18 | 11.4 | 12.0 | 353.0 | 245.0 | NA | NA | NA | NA | NA | NA |
| 10/28/2019 | 11.8 | 0.23 | 11.4 | 12.0 | 364.8 | 252.8 | NA | NA | NA | NA | NA | NA |
| 10/29/2019 | 11.7 | 0.22 | 11.4 | 12.0 | 376.6 | 260.6 | NA | NA | NA | NA | NA | NA |
| 10/30/2019 | 11.7 | 0.20 | 11.3 | 11.9 | 388.2 | 268.2 | NA | NA | NA | NA | NA | NA |
| 10/31/2019 | 11.7 | 0.14 | 11.4 | 11.9 | 399.9 | 275.9 | NA | NA | NA | NA | NA | NA |

November

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 11/1/2019 | 11.7 | 0.22 | 11.3 | 12.0 | 11.7 | 7.7 | NA | NA | NA | NA | NA | NA |
| 11/2/2019 | 11.5 | 0.16 | 11.1 | 11.7 | 23.2 | 15.2 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 11/3/2019 | 11.4 | 0.20 | 11.1 | 11.7 | 34.6 | 22.6 | NA | NA | NA | NA | NA | NA |
| 11/4/2019 | 11.1 | 0.23 | 10.6 | 11.4 | 45.7 | 29.7 | NA | NA | NA | NA | NA | NA |
| 11/5/2019 | 10.8 | 0.23 | 10.4 | 11.1 | 56.6 | 36.6 | NA | NA | NA | NA | NA | NA |
| 11/6/2019 | 10.9 | 0.20 | 10.5 | 11.1 | 67.4 | 43.4 | NA | NA | NA | NA | NA | NA |
| 11/7/2019 | 10.4 | 0.23 | 9.9 | 10.6 | 77.8 | 49.8 | NA | NA | NA | NA | NA | NA |
| 11/8/2019 | 9.9 | 0.28 | 9.6 | 10.4 | 87.6 | 55.6 | NA | NA | NA | NA | NA | NA |
| 11/9/2019 | 9.3 | 0.38 | 8.8 | 10.0 | 97.0 | 61.0 | NA | NA | NA | NA | NA | NA |
| 11/10/2019 | 8.3 | 0.38 | 7.8 | 9.0 | 105.2 | 65.2 | NA | NA | NA | NA | NA | NA |
| 11/11/2019 | 8.1 | 0.21 | 7.8 | 8.4 | 113.4 | 69.4 | NA | NA | NA | NA | NA | NA |
| 11/12/2019 | 8.0 | 0.35 | 7.4 | 8.7 | 121.4 | 73.4 | NA | NA | NA | NA | NA | NA |



Daily mean temperature for Cape Tormentine, N.B., 2019.

Caribou, N.S.

2019

April

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 4/27/2019 | 3.4 | 0.17 | 3.1 | 3.7 | 3.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/28/2019 | 3.2 | 0.29 | 2.7 | 3.5 | 6.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/29/2019 | 3.4 | 0.11 | 3.2 | 3.5 | 10.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/30/2019 | 3.7 | 0.19 | 3.3 | 3.9 | 13.7 | 0.0 | NA | NA | NA | NA | NA | NA |

May

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 5/1/2019 | 4.0 | 0.11 | 3.8 | 4.3 | 4.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/2/2019 | 4.2 | 0.19 | 3.8 | 4.5 | 8.2 | 0.2 | NA | NA | NA | NA | NA | NA |
| 5/3/2019 | 4.2 | 0.29 | 3.9 | 4.8 | 12.4 | 0.4 | NA | NA | NA | NA | NA | NA |
| 5/4/2019 | 4.5 | 0.24 | 4.1 | 4.8 | 16.9 | 0.9 | NA | NA | NA | NA | NA | NA |
| 5/5/2019 | 4.6 | 0.23 | 4.1 | 5.0 | 21.5 | 1.5 | NA | NA | NA | NA | NA | NA |
| 5/6/2019 | 4.7 | 0.33 | 4.0 | 5.1 | 26.1 | 2.1 | NA | NA | NA | NA | NA | NA |
| 5/7/2019 | 4.6 | 0.37 | 4.1 | 5.2 | 30.8 | 2.8 | NA | NA | NA | NA | NA | NA |
| 5/8/2019 | 4.9 | 0.31 | 4.4 | 5.3 | 35.7 | 3.7 | NA | NA | NA | NA | NA | NA |
| 5/9/2019 | 5.3 | 0.22 | 5.0 | 5.7 | 41.0 | 5.0 | NA | NA | NA | NA | NA | NA |
| 5/10/2019 | 5.4 | 0.14 | 5.2 | 5.7 | 46.4 | 6.4 | NA | NA | NA | NA | NA | NA |
| 5/11/2019 | 5.7 | 0.14 | 5.4 | 5.9 | 52.1 | 8.1 | NA | NA | NA | NA | NA | NA |
| 5/12/2019 | 5.9 | 0.26 | 5.6 | 6.4 | 58.0 | 10.0 | NA | NA | NA | NA | NA | NA |
| 5/13/2019 | 6.2 | 0.17 | 5.9 | 6.4 | 64.2 | 12.2 | NA | NA | NA | NA | NA | NA |
| 5/14/2019 | 6.3 | 0.18 | 5.9 | 6.5 | 70.5 | 14.5 | NA | NA | NA | NA | NA | NA |
| 5/15/2019 | 5.5 | 0.42 | 4.9 | 6.3 | 76.0 | 16.0 | NA | NA | NA | NA | NA | NA |
| 5/16/2019 | 5.1 | 0.29 | 4.7 | 5.5 | 81.1 | 17.1 | NA | NA | NA | NA | NA | NA |
| 5/17/2019 | 5.3 | 0.21 | 5.1 | 5.7 | 86.4 | 18.4 | NA | NA | NA | NA | NA | NA |
| 5/18/2019 | 5.6 | 0.13 | 5.4 | 5.8 | 92.0 | 20.0 | NA | NA | NA | NA | NA | NA |
| 5/19/2019 | 5.8 | 0.31 | 5.4 | 6.4 | 97.8 | 21.8 | NA | NA | NA | NA | NA | NA |
| 5/20/2019 | 6.1 | 0.10 | 6.0 | 6.3 | 103.9 | 23.9 | NA | NA | NA | NA | NA | NA |
| 5/21/2019 | 6.1 | 0.12 | 5.9 | 6.3 | 110.0 | 26.0 | NA | NA | NA | NA | NA | NA |
| 5/22/2019 | 6.2 | 0.14 | 6.0 | 6.4 | 116.2 | 28.2 | NA | NA | NA | NA | NA | NA |
| 5/23/2019 | 6.4 | 0.32 | 6.1 | 6.9 | 122.6 | 30.6 | NA | NA | NA | NA | NA | NA |
| 5/24/2019 | 6.8 | 0.11 | 6.6 | 7.0 | 129.5 | 33.5 | NA | NA | NA | NA | NA | NA |
| 5/25/2019 | 7.0 | 0.23 | 6.8 | 7.6 | 136.4 | 36.4 | NA | NA | NA | NA | NA | NA |
| 5/26/2019 | 7.4 | 0.17 | 7.1 | 7.6 | 143.8 | 39.8 | NA | NA | NA | NA | NA | NA |
| 5/27/2019 | 7.5 | 0.18 | 7.1 | 7.8 | 151.3 | 43.3 | NA | NA | NA | NA | NA | NA |
| 5/28/2019 | 7.8 | 0.53 | 7.2 | 9.1 | 159.1 | 47.1 | NA | NA | NA | NA | NA | NA |
| 5/29/2019 | 8.3 | 0.34 | 7.5 | 8.7 | 167.4 | 51.4 | NA | NA | NA | NA | NA | NA |
| 5/30/2019 | 7.4 | 0.85 | 6.1 | 8.4 | 174.8 | 54.8 | NA | NA | NA | NA | NA | NA |
| 5/31/2019 | 7.2 | 0.75 | 6.0 | 8.1 | 182.1 | 58.1 | NA | NA | NA | NA | NA | NA |

June

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/1/2019 | 7.0 | 0.74 | 5.7 | 8.0 | 7.0 | 3.0 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/2/2019 | 7.2 | 0.77 | 5.8 | 8.2 | 14.2 | 6.2 | NA | NA | NA | NA | NA | NA |
| 6/3/2019 | 6.5 | 0.98 | 5.3 | 7.9 | 20.7 | 8.7 | NA | NA | NA | NA | NA | NA |
| 6/4/2019 | 7.0 | 0.58 | 6.2 | 7.9 | 27.6 | 11.6 | NA | NA | NA | NA | NA | NA |
| 6/5/2019 | 7.5 | 0.30 | 7.1 | 8.0 | 35.2 | 15.2 | NA | NA | NA | NA | NA | NA |
| 6/6/2019 | 7.7 | 0.14 | 7.4 | 8.0 | 42.8 | 18.8 | NA | NA | NA | NA | NA | NA |
| 6/7/2019 | 7.9 | 0.47 | 7.1 | 8.7 | 50.7 | 22.7 | NA | NA | NA | NA | NA | NA |
| 6/8/2019 | 8.4 | 0.47 | 7.5 | 9.1 | 59.2 | 27.2 | NA | NA | NA | NA | NA | NA |
| 6/9/2019 | 8.6 | 0.57 | 7.6 | 9.1 | 67.8 | 31.8 | NA | NA | NA | NA | NA | NA |
| 6/10/2019 | 8.8 | 0.82 | 7.3 | 9.9 | 76.6 | 36.6 | NA | NA | NA | NA | NA | NA |
| 6/11/2019 | 8.7 | 1.22 | 6.8 | 9.9 | 85.2 | 41.2 | NA | NA | NA | NA | NA | NA |
| 6/12/2019 | 9.6 | 1.11 | 7.2 | 11.1 | 94.9 | 46.9 | NA | NA | NA | NA | NA | NA |
| 6/13/2019 | 11.0 | 0.34 | 10.3 | 11.5 | 105.9 | 53.9 | NA | NA | NA | NA | NA | NA |
| 6/14/2019 | 10.2 | 1.12 | 7.9 | 11.4 | 116.1 | 60.1 | NA | NA | NA | NA | NA | NA |
| 6/15/2019 | 8.8 | 1.08 | 7.3 | 10.2 | 124.9 | 64.9 | NA | NA | NA | NA | NA | NA |
| 6/16/2019 | 10.4 | 1.05 | 8.1 | 11.7 | 135.3 | 71.3 | NA | NA | NA | NA | NA | NA |
| 6/17/2019 | 10.3 | 1.17 | 8.6 | 11.8 | 145.6 | 77.6 | NA | NA | NA | NA | NA | NA |
| 6/18/2019 | 11.5 | 1.01 | 9.8 | 13.1 | 157.1 | 85.1 | NA | NA | NA | NA | NA | NA |
| 6/19/2019 | 11.2 | 1.47 | 8.9 | 13.0 | 168.3 | 92.3 | NA | NA | NA | NA | NA | NA |
| 6/20/2019 | 11.3 | 1.29 | 9.7 | 12.9 | 179.5 | 99.5 | NA | NA | NA | NA | NA | NA |
| 6/21/2019 | 10.5 | 1.40 | 9.0 | 12.9 | 190.0 | 106.0 | NA | NA | NA | NA | NA | NA |
| 6/22/2019 | 12.2 | 0.99 | 10.4 | 13.4 | 202.2 | 114.2 | NA | NA | NA | NA | NA | NA |
| 6/23/2019 | 13.1 | 0.32 | 12.4 | 13.5 | 215.4 | 123.4 | NA | NA | NA | NA | NA | NA |
| 6/24/2019 | 13.1 | 0.43 | 12.4 | 13.7 | 228.5 | 132.5 | NA | NA | NA | NA | NA | NA |
| 6/25/2019 | 13.7 | 0.25 | 13.5 | 14.3 | 242.2 | 142.2 | NA | NA | NA | NA | NA | NA |
| 6/26/2019 | 13.6 | 0.63 | 12.3 | 14.2 | 255.8 | 151.8 | NA | NA | NA | NA | NA | NA |
| 6/27/2019 | 12.6 | 0.78 | 11.5 | 13.8 | 268.4 | 160.4 | NA | NA | NA | NA | NA | NA |
| 6/28/2019 | 12.3 | 0.48 | 11.5 | 12.9 | 280.7 | 168.7 | NA | NA | NA | NA | NA | NA |
| 6/29/2019 | 11.9 | 0.73 | 10.9 | 13.0 | 292.5 | 176.5 | NA | NA | NA | NA | NA | NA |
| 6/30/2019 | 12.5 | 0.69 | 11.4 | 13.5 | 305.1 | 185.1 | NA | NA | NA | NA | NA | NA |

July

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/1/2019 | 11.8 | 1.16 | 10.1 | 13.3 | 11.8 | 7.8 | NA | NA | NA | NA | NA | NA |
| 7/2/2019 | 13.1 | 1.07 | 11.4 | 14.4 | 24.9 | 16.9 | NA | NA | NA | NA | NA | NA |
| 7/3/2019 | 14.3 | 0.26 | 13.9 | 14.7 | 39.2 | 27.2 | NA | NA | NA | NA | NA | NA |
| 7/4/2019 | 14.5 | 0.44 | 13.9 | 15.4 | 53.8 | 37.8 | NA | NA | NA | NA | NA | NA |
| 7/5/2019 | 14.6 | 0.60 | 13.1 | 15.2 | 68.4 | 48.4 | NA | NA | NA | NA | NA | NA |
| 7/6/2019 | 14.7 | 0.70 | 13.6 | 15.8 | 83.0 | 59.0 | NA | NA | NA | NA | NA | NA |
| 7/7/2019 | 15.8 | 0.64 | 14.9 | 17.0 | 98.8 | 70.8 | NA | NA | NA | NA | NA | NA |
| 7/8/2019 | 16.1 | 0.39 | 15.3 | 16.5 | 114.9 | 82.9 | NA | NA | NA | NA | NA | NA |
| 7/9/2019 | 16.0 | 0.99 | 14.2 | 16.9 | 130.9 | 94.9 | NA | NA | NA | NA | NA | NA |
| 7/10/2019 | 16.6 | 0.69 | 15.4 | 17.4 | 147.5 | 107.5 | NA | NA | NA | NA | NA | NA |
| 7/11/2019 | 17.1 | 0.56 | 15.4 | 17.5 | 164.6 | 120.6 | NA | NA | NA | NA | NA | NA |
| 7/12/2019 | 16.0 | 0.80 | 14.8 | 17.2 | 180.6 | 132.6 | NA | NA | NA | NA | NA | NA |
| 7/13/2019 | 14.6 | 1.34 | 12.8 | 16.5 | 195.2 | 143.2 | NA | NA | NA | NA | NA | NA |
| 7/14/2019 | 13.9 | 0.98 | 13.0 | 16.0 | 209.1 | 153.1 | NA | NA | NA | NA | NA | NA |
| 7/15/2019 | 15.0 | 1.11 | 13.3 | 17.0 | 224.1 | 164.1 | NA | NA | NA | NA | NA | NA |
| 7/16/2019 | 16.9 | 0.37 | 16.5 | 17.5 | 241.0 | 177.0 | NA | NA | NA | NA | NA | NA |
| 7/17/2019 | 16.7 | 0.53 | 15.9 | 17.4 | 257.8 | 189.8 | NA | NA | NA | NA | NA | NA |
| 7/18/2019 | 17.2 | 0.73 | 15.9 | 18.3 | 275.0 | 203.0 | NA | NA | NA | NA | NA | NA |
| 7/19/2019 | 16.7 | 1.24 | 14.4 | 18.0 | 291.7 | 215.7 | NA | NA | NA | NA | NA | NA |
| 7/20/2019 | 16.5 | 1.08 | 15.1 | 17.9 | 308.2 | 228.2 | NA | NA | NA | NA | NA | NA |
| 7/21/2019 | 16.4 | 1.28 | 14.2 | 17.9 | 324.6 | 240.6 | NA | NA | NA | NA | NA | NA |
| 7/22/2019 | 17.2 | 1.12 | 14.8 | 18.7 | 341.8 | 253.8 | NA | NA | NA | NA | NA | NA |
| 7/23/2019 | 17.1 | 1.41 | 14.9 | 18.6 | 358.8 | 266.8 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/24/2019 | 17.1 | 0.91 | 15.5 | 18.3 | 375.9 | 279.9 | NA | NA | NA | NA | NA | NA |
| 7/25/2019 | 17.5 | 0.98 | 15.3 | 18.7 | 393.4 | 293.4 | NA | NA | NA | NA | NA | NA |
| 7/26/2019 | 18.7 | 0.49 | 17.7 | 19.4 | 412.1 | 308.1 | NA | NA | NA | NA | NA | NA |
| 7/27/2019 | 18.7 | 0.61 | 17.4 | 19.4 | 430.8 | 322.8 | NA | NA | NA | NA | NA | NA |
| 7/28/2019 | 18.5 | 1.06 | 16.2 | 19.8 | 449.4 | 337.4 | NA | NA | NA | NA | NA | NA |
| 7/29/2019 | 18.0 | 1.34 | 15.6 | 19.8 | 467.4 | 351.4 | NA | NA | NA | NA | NA | NA |
| 7/30/2019 | 18.1 | 1.65 | 15.6 | 20.1 | 485.5 | 365.5 | NA | NA | NA | NA | NA | NA |
| 7/31/2019 | 17.5 | 1.85 | 14.7 | 19.9 | 503.0 | 379.0 | NA | NA | NA | NA | NA | NA |

August

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/1/2019 | 17.2 | 1.76 | 14.8 | 19.6 | 17.2 | 13.2 | NA | NA | NA | NA | NA | NA |
| 8/2/2019 | 18.2 | 1.37 | 16.3 | 20.0 | 35.3 | 27.3 | NA | NA | NA | NA | NA | NA |
| 8/3/2019 | 18.3 | 1.58 | 14.9 | 19.9 | 53.7 | 41.7 | NA | NA | NA | NA | NA | NA |
| 8/4/2019 | 18.5 | 0.78 | 17.3 | 19.7 | 72.1 | 56.1 | NA | NA | NA | NA | NA | NA |
| 8/5/2019 | 19.1 | 0.95 | 16.8 | 20.4 | 91.3 | 71.3 | NA | NA | NA | NA | NA | NA |
| 8/6/2019 | 19.1 | 0.58 | 18.0 | 19.7 | 110.3 | 86.3 | NA | NA | NA | NA | NA | NA |
| 8/7/2019 | 17.9 | 1.60 | 15.6 | 19.7 | 128.2 | 100.2 | NA | NA | NA | NA | NA | NA |
| 8/8/2019 | 17.4 | 1.31 | 15.4 | 19.1 | 145.6 | 113.6 | NA | NA | NA | NA | NA | NA |
| 8/9/2019 | 16.6 | 1.43 | 14.8 | 18.5 | 162.3 | 126.3 | NA | NA | NA | NA | NA | NA |
| 8/10/2019 | 16.6 | 0.92 | 15.4 | 17.9 | 178.9 | 138.9 | NA | NA | NA | NA | NA | NA |
| 8/11/2019 | 17.8 | 0.59 | 16.9 | 18.6 | 196.7 | 152.7 | NA | NA | NA | NA | NA | NA |
| 8/12/2019 | 18.8 | 0.38 | 18.2 | 19.3 | 215.5 | 167.5 | NA | NA | NA | NA | NA | NA |
| 8/13/2019 | 19.2 | 0.20 | 18.8 | 19.5 | 234.7 | 182.7 | NA | NA | NA | NA | NA | NA |
| 8/14/2019 | 19.1 | 0.26 | 18.6 | 19.4 | 253.8 | 197.8 | NA | NA | NA | NA | NA | NA |
| 8/15/2019 | 18.8 | 0.62 | 17.9 | 19.6 | 272.6 | 212.6 | NA | NA | NA | NA | NA | NA |
| 8/16/2019 | 18.6 | 0.93 | 17.0 | 19.6 | 291.2 | 227.2 | NA | NA | NA | NA | NA | NA |
| 8/17/2019 | 18.0 | 1.14 | 15.8 | 19.6 | 309.2 | 241.2 | NA | NA | NA | NA | NA | NA |
| 8/18/2019 | 17.9 | 0.79 | 16.6 | 19.0 | 327.1 | 255.1 | NA | NA | NA | NA | NA | NA |
| 8/19/2019 | 17.8 | 0.85 | 16.6 | 18.8 | 344.9 | 268.9 | NA | NA | NA | NA | NA | NA |
| 8/20/2019 | 18.3 | 0.79 | 16.7 | 19.3 | 363.2 | 283.2 | NA | NA | NA | NA | NA | NA |
| 8/21/2019 | 18.9 | 0.42 | 17.9 | 19.2 | 382.0 | 298.0 | NA | NA | NA | NA | NA | NA |
| 8/22/2019 | 18.8 | 0.50 | 17.9 | 19.5 | 400.8 | 312.8 | NA | NA | NA | NA | NA | NA |
| 8/23/2019 | 19.1 | 0.57 | 18.1 | 19.7 | 420.0 | 328.0 | NA | NA | NA | NA | NA | NA |
| 8/24/2019 | 20.0 | 0.33 | 19.4 | 20.5 | 440.0 | 344.0 | NA | NA | NA | NA | NA | NA |
| 8/25/2019 | 19.9 | 0.08 | 19.8 | 20.0 | 459.9 | 359.9 | NA | NA | NA | NA | NA | NA |
| 8/26/2019 | 19.4 | 0.57 | 18.0 | 19.9 | 479.2 | 375.2 | NA | NA | NA | NA | NA | NA |
| 8/27/2019 | 18.7 | 0.23 | 18.5 | 19.2 | 497.9 | 389.9 | NA | NA | NA | NA | NA | NA |
| 8/28/2019 | 18.7 | 0.23 | 18.1 | 19.0 | 516.6 | 404.6 | NA | NA | NA | NA | NA | NA |
| 8/29/2019 | 18.9 | 0.08 | 18.8 | 19.0 | 535.6 | 419.6 | NA | NA | NA | NA | NA | NA |
| 8/30/2019 | 18.6 | 0.46 | 17.7 | 19.1 | 554.1 | 434.1 | NA | NA | NA | NA | NA | NA |
| 8/31/2019 | 19.0 | 0.29 | 18.4 | 19.4 | 573.1 | 449.1 | NA | NA | NA | NA | NA | NA |

September

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/1/2019 | 19.0 | 0.21 | 18.7 | 19.4 | 19.0 | 15.0 | NA | NA | NA | NA | NA | NA |
| 9/2/2019 | 18.8 | 0.21 | 18.4 | 19.0 | 37.8 | 29.8 | NA | NA | NA | NA | NA | NA |
| 9/3/2019 | 18.3 | 0.50 | 17.4 | 19.0 | 56.1 | 44.1 | NA | NA | NA | NA | NA | NA |
| 9/4/2019 | 18.2 | 0.39 | 17.6 | 18.8 | 74.3 | 58.3 | NA | NA | NA | NA | NA | NA |
| 9/5/2019 | 18.2 | 0.25 | 17.8 | 18.6 | 92.5 | 72.5 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/6/2019 | 18.1 | 0.15 | 17.9 | 18.4 | 110.6 | 86.6 | NA | NA | NA | NA | NA | NA |
| 9/7/2019 | 18.0 | 0.15 | 17.7 | 18.2 | 128.5 | 100.5 | NA | NA | NA | NA | NA | NA |
| 9/8/2019 | 16.7 | 0.42 | 16.4 | 17.8 | 145.2 | 113.2 | NA | NA | NA | NA | NA | NA |
| 9/9/2019 | 16.5 | 0.17 | 16.2 | 16.7 | 161.7 | 125.7 | NA | NA | NA | NA | NA | NA |
| 9/10/2019 | 16.8 | 0.19 | 16.6 | 17.1 | 178.5 | 138.5 | NA | NA | NA | NA | NA | NA |
| 9/11/2019 | 17.0 | 0.10 | 16.7 | 17.1 | 195.5 | 151.5 | NA | NA | NA | NA | NA | NA |
| 9/12/2019 | 17.0 | 0.07 | 16.9 | 17.1 | 212.5 | 164.5 | NA | NA | NA | NA | NA | NA |
| 9/13/2019 | 16.8 | 0.08 | 16.7 | 16.9 | 229.4 | 177.4 | NA | NA | NA | NA | NA | NA |
| 9/14/2019 | 16.7 | 0.13 | 16.4 | 16.8 | 246.0 | 190.0 | NA | NA | NA | NA | NA | NA |
| 9/15/2019 | 16.7 | 0.19 | 16.3 | 16.9 | 262.7 | 202.7 | NA | NA | NA | NA | NA | NA |
| 9/16/2019 | 16.8 | 0.06 | 16.6 | 16.8 | 279.5 | 215.5 | NA | NA | NA | NA | NA | NA |
| 9/17/2019 | 16.6 | 0.13 | 16.3 | 16.7 | 296.0 | 228.0 | NA | NA | NA | NA | NA | NA |
| 9/18/2019 | 16.1 | 0.13 | 15.9 | 16.3 | 312.1 | 240.1 | NA | NA | NA | NA | NA | NA |
| 9/19/2019 | 15.8 | 0.11 | 15.6 | 16.0 | 328.0 | 252.0 | NA | NA | NA | NA | NA | NA |
| 9/20/2019 | 15.8 | 0.10 | 15.6 | 15.9 | 343.8 | 263.8 | NA | NA | NA | NA | NA | NA |
| 9/21/2019 | 16.0 | 0.11 | 15.8 | 16.2 | 359.8 | 275.8 | NA | NA | NA | NA | NA | NA |
| 9/22/2019 | 16.1 | 0.07 | 15.9 | 16.2 | 375.9 | 287.9 | NA | NA | NA | NA | NA | NA |
| 9/23/2019 | 16.3 | 0.08 | 16.2 | 16.4 | 392.1 | 300.1 | NA | NA | NA | NA | NA | NA |
| 9/24/2019 | 16.4 | 0.05 | 16.3 | 16.4 | 408.5 | 312.5 | NA | NA | NA | NA | NA | NA |
| 9/25/2019 | 16.1 | 0.21 | 15.7 | 16.3 | 424.6 | 324.6 | NA | NA | NA | NA | NA | NA |
| 9/26/2019 | 16.3 | 0.03 | 16.2 | 16.3 | 440.8 | 336.8 | NA | NA | NA | NA | NA | NA |
| 9/27/2019 | 16.3 | 0.05 | 16.2 | 16.4 | 457.1 | 349.1 | NA | NA | NA | NA | NA | NA |
| 9/28/2019 | 16.2 | 0.05 | 16.1 | 16.3 | 473.4 | 361.4 | NA | NA | NA | NA | NA | NA |
| 9/29/2019 | 16.2 | 0.05 | 16.1 | 16.3 | 489.6 | 373.6 | NA | NA | NA | NA | NA | NA |
| 9/30/2019 | 15.9 | 0.13 | 15.6 | 16.1 | 505.4 | 385.4 | NA | NA | NA | NA | NA | NA |

October

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/1/2019 | 15.6 | 0.13 | 15.3 | 15.7 | 15.6 | 11.6 | NA | NA | NA | NA | NA | NA |
| 10/2/2019 | 15.4 | 0.13 | 15.2 | 15.6 | 31.0 | 23.0 | NA | NA | NA | NA | NA | NA |
| 10/3/2019 | 14.9 | 0.17 | 14.5 | 15.1 | 45.8 | 33.8 | NA | NA | NA | NA | NA | NA |
| 10/4/2019 | 14.4 | 0.27 | 13.7 | 14.6 | 60.2 | 44.2 | NA | NA | NA | NA | NA | NA |
| 10/5/2019 | 14.0 | 0.32 | 13.3 | 14.3 | 74.1 | 54.1 | NA | NA | NA | NA | NA | NA |
| 10/6/2019 | 13.6 | 0.22 | 13.2 | 13.9 | 87.7 | 63.7 | NA | NA | NA | NA | NA | NA |
| 10/7/2019 | 13.6 | 0.23 | 13.2 | 13.9 | 101.3 | 73.3 | NA | NA | NA | NA | NA | NA |
| 10/8/2019 | 13.9 | 0.16 | 13.4 | 14.0 | 115.2 | 83.2 | NA | NA | NA | NA | NA | NA |
| 10/9/2019 | 13.9 | 0.08 | 13.7 | 14.0 | 129.1 | 93.1 | NA | NA | NA | NA | NA | NA |
| 10/10/2019 | 13.8 | 0.06 | 13.7 | 13.9 | 142.9 | 102.9 | NA | NA | NA | NA | NA | NA |
| 10/11/2019 | 13.7 | 0.07 | 13.5 | 13.8 | 156.6 | 112.6 | NA | NA | NA | NA | NA | NA |
| 10/12/2019 | 13.5 | 0.05 | 13.4 | 13.6 | 170.1 | 122.1 | NA | NA | NA | NA | NA | NA |
| 10/13/2019 | 13.5 | 0.04 | 13.4 | 13.5 | 183.5 | 131.5 | NA | NA | NA | NA | NA | NA |
| 10/14/2019 | 13.4 | 0.04 | 13.3 | 13.4 | 196.9 | 140.9 | NA | NA | NA | NA | NA | NA |
| 10/15/2019 | 13.4 | 0.05 | 13.3 | 13.4 | 210.3 | 150.3 | NA | NA | NA | NA | NA | NA |
| 10/16/2019 | 13.3 | 0.05 | 13.2 | 13.4 | 223.6 | 159.6 | NA | NA | NA | NA | NA | NA |
| 10/17/2019 | 13.1 | 0.07 | 13.1 | 13.3 | 236.8 | 168.8 | NA | NA | NA | NA | NA | NA |
| 10/18/2019 | 13.0 | 0.08 | 12.8 | 13.1 | 249.7 | 177.7 | NA | NA | NA | NA | NA | NA |
| 10/19/2019 | 12.8 | 0.14 | 12.5 | 13.0 | 262.5 | 186.5 | NA | NA | NA | NA | NA | NA |
| 10/20/2019 | 12.5 | 0.14 | 12.2 | 12.8 | 275.1 | 195.1 | NA | NA | NA | NA | NA | NA |
| 10/21/2019 | 12.3 | 0.10 | 12.1 | 12.5 | 287.4 | 203.4 | NA | NA | NA | NA | NA | NA |
| 10/22/2019 | 12.2 | 0.08 | 12.1 | 12.4 | 299.6 | 211.6 | NA | NA | NA | NA | NA | NA |
| 10/23/2019 | 12.1 | 0.13 | 11.8 | 12.3 | 311.8 | 219.8 | NA | NA | NA | NA | NA | NA |
| 10/24/2019 | 12.2 | 0.07 | 12.1 | 12.3 | 323.9 | 227.9 | NA | NA | NA | NA | NA | NA |
| 10/25/2019 | 12.1 | 0.07 | 12.0 | 12.2 | 336.1 | 236.1 | NA | NA | NA | NA | NA | NA |
| 10/26/2019 | 12.0 | 0.10 | 11.8 | 12.1 | 348.1 | 244.1 | NA | NA | NA | NA | NA | NA |
| 10/27/2019 | 11.6 | 0.16 | 11.4 | 11.9 | 359.7 | 251.7 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/28/2019 | 11.5 | 0.14 | 11.3 | 11.7 | 371.2 | 259.2 | NA | NA | NA | NA | NA | NA |
| 10/29/2019 | 11.4 | 0.18 | 11.1 | 11.7 | 382.6 | 266.6 | NA | NA | NA | NA | NA | NA |
| 10/30/2019 | 11.4 | 0.15 | 11.1 | 11.6 | 394.0 | 274.0 | NA | NA | NA | NA | NA | NA |
| 10/31/2019 | 11.4 | 0.10 | 11.2 | 11.5 | 405.4 | 281.4 | NA | NA | NA | NA | NA | NA |

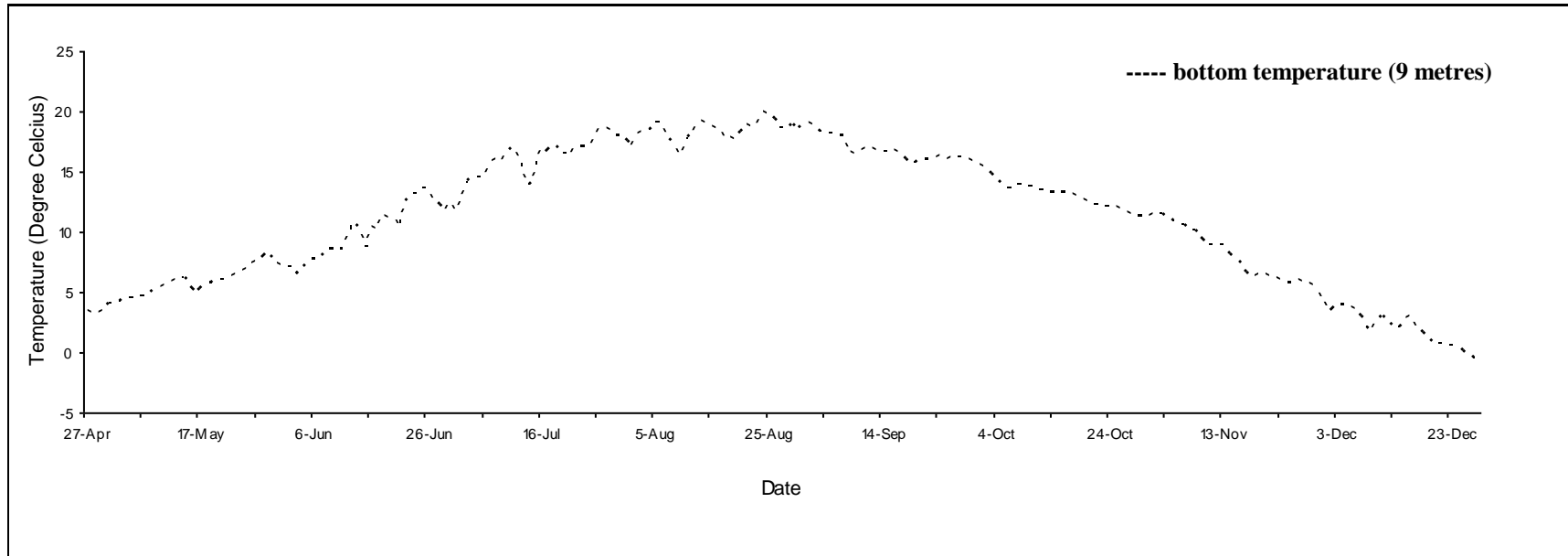
November

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 11/1/2019 | 11.7 | 0.14 | 11.4 | 11.9 | 11.7 | 7.7 | NA | NA | NA | NA | NA | NA |
| 11/2/2019 | 11.5 | 0.15 | 11.3 | 11.9 | 23.2 | 15.2 | NA | NA | NA | NA | NA | NA |
| 11/3/2019 | 11.2 | 0.06 | 11.1 | 11.3 | 34.4 | 22.4 | NA | NA | NA | NA | NA | NA |
| 11/4/2019 | 11.0 | 0.12 | 10.7 | 11.1 | 45.4 | 29.4 | NA | NA | NA | NA | NA | NA |
| 11/5/2019 | 10.7 | 0.07 | 10.6 | 10.8 | 56.1 | 36.1 | NA | NA | NA | NA | NA | NA |
| 11/6/2019 | 10.7 | 0.10 | 10.5 | 10.8 | 66.7 | 42.7 | NA | NA | NA | NA | NA | NA |
| 11/7/2019 | 10.2 | 0.20 | 10.0 | 10.5 | 77.0 | 49.0 | NA | NA | NA | NA | NA | NA |
| 11/8/2019 | 10.2 | 0.14 | 9.9 | 10.3 | 87.1 | 55.1 | NA | NA | NA | NA | NA | NA |
| 11/9/2019 | 9.5 | 0.35 | 8.9 | 10.0 | 96.6 | 60.6 | NA | NA | NA | NA | NA | NA |
| 11/10/2019 | 8.9 | 0.23 | 8.6 | 9.3 | 105.5 | 65.5 | NA | NA | NA | NA | NA | NA |
| 11/11/2019 | 9.0 | 0.19 | 8.7 | 9.3 | 114.5 | 70.5 | NA | NA | NA | NA | NA | NA |
| 11/12/2019 | 8.9 | 0.19 | 8.6 | 9.2 | 123.4 | 75.4 | NA | NA | NA | NA | NA | NA |
| 11/13/2019 | 8.9 | 0.30 | 8.3 | 9.2 | 132.3 | 80.3 | NA | NA | NA | NA | NA | NA |
| 11/14/2019 | 8.2 | 0.23 | 7.9 | 8.6 | 140.5 | 84.5 | NA | NA | NA | NA | NA | NA |
| 11/15/2019 | 7.8 | 0.13 | 7.6 | 8.1 | 148.3 | 88.3 | NA | NA | NA | NA | NA | NA |
| 11/16/2019 | 7.4 | 0.57 | 5.9 | 8.0 | 155.8 | 91.8 | NA | NA | NA | NA | NA | NA |
| 11/17/2019 | 6.6 | 0.31 | 5.8 | 7.0 | 162.4 | 94.4 | NA | NA | NA | NA | NA | NA |
| 11/18/2019 | 6.4 | 0.26 | 5.8 | 6.8 | 168.8 | 96.8 | NA | NA | NA | NA | NA | NA |
| 11/19/2019 | 6.5 | 0.15 | 6.3 | 6.7 | 175.3 | 99.3 | NA | NA | NA | NA | NA | NA |
| 11/20/2019 | 6.4 | 0.13 | 6.2 | 6.6 | 181.7 | 101.7 | NA | NA | NA | NA | NA | NA |
| 11/21/2019 | 6.4 | 0.09 | 6.3 | 6.6 | 188.2 | 104.2 | NA | NA | NA | NA | NA | NA |
| 11/22/2019 | 6.3 | 0.11 | 6.1 | 6.5 | 194.5 | 106.5 | NA | NA | NA | NA | NA | NA |
| 11/23/2019 | 6.1 | 0.20 | 5.7 | 6.4 | 200.6 | 108.6 | NA | NA | NA | NA | NA | NA |
| 11/24/2019 | 5.7 | 0.13 | 5.5 | 6.0 | 206.4 | 110.4 | NA | NA | NA | NA | NA | NA |
| 11/25/2019 | 5.8 | 0.27 | 5.4 | 6.3 | 212.1 | 112.1 | NA | NA | NA | NA | NA | NA |
| 11/26/2019 | 6.0 | 0.21 | 5.6 | 6.3 | 218.2 | 114.2 | NA | NA | NA | NA | NA | NA |
| 11/27/2019 | 5.9 | 0.11 | 5.8 | 6.2 | 224.1 | 116.1 | NA | NA | NA | NA | NA | NA |
| 11/28/2019 | 5.7 | 0.07 | 5.6 | 5.9 | 229.8 | 117.8 | NA | NA | NA | NA | NA | NA |
| 11/29/2019 | 5.5 | 0.20 | 5.1 | 5.7 | 235.3 | 119.3 | NA | NA | NA | NA | NA | NA |
| 11/30/2019 | 4.6 | 0.21 | 4.3 | 5.0 | 239.8 | 119.8 | NA | NA | NA | NA | NA | NA |

December

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 12/1/2019 | 4.0 | 0.23 | 3.6 | 4.3 | 4.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/2/2019 | 3.5 | 0.18 | 3.3 | 3.9 | 7.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/3/2019 | 3.9 | 0.35 | 3.3 | 4.4 | 11.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/4/2019 | 3.9 | 0.07 | 3.8 | 4.1 | 15.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/5/2019 | 3.9 | 0.12 | 3.7 | 4.1 | 19.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/6/2019 | 3.7 | 0.10 | 3.5 | 3.9 | 22.9 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/7/2019 | 3.1 | 0.41 | 2.3 | 3.5 | 26.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/8/2019 | 2.1 | 0.07 | 2.0 | 2.3 | 28.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/9/2019 | 1.9 | 0.12 | 1.7 | 2.1 | 30.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/10/2019 | 2.7 | 0.34 | 2.1 | 3.3 | 32.7 | 0.0 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 12/11/2019 | 3.0 | 0.07 | 2.9 | 3.1 | 35.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/12/2019 | 2.6 | 0.26 | 2.1 | 2.9 | 38.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/13/2019 | 2.1 | 0.11 | 1.9 | 2.3 | 40.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/14/2019 | 2.1 | 0.15 | 1.8 | 2.3 | 42.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/15/2019 | 2.9 | 0.38 | 2.1 | 3.4 | 45.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/16/2019 | 3.1 | 0.37 | 2.4 | 3.5 | 48.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/17/2019 | 2.0 | 0.19 | 1.7 | 2.3 | 50.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/18/2019 | 1.7 | 0.21 | 1.3 | 2.1 | 52.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/19/2019 | 1.4 | 0.26 | 0.9 | 1.8 | 53.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/20/2019 | 0.8 | 0.22 | 0.3 | 1.2 | 54.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/21/2019 | 0.8 | 0.10 | 0.6 | 1.0 | 55.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/22/2019 | 0.6 | 0.10 | 0.4 | 0.8 | 55.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/23/2019 | 0.6 | 0.10 | 0.5 | 0.9 | 56.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/24/2019 | 0.5 | 0.12 | 0.3 | 0.7 | 56.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/25/2019 | 0.2 | 0.06 | 0.1 | 0.3 | 57.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/26/2019 | -0.2 | 0.14 | -0.4 | 0.1 | 57.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/27/2019 | -0.5 | 0.11 | -0.6 | -0.3 | 57.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/28/2019 | -0.3 | 0.11 | -0.5 | -0.2 | 57.0 | 0.0 | NA | NA | NA | NA | NA | NA |



Daily mean temperature for Caribou, N.S., 2019.

Cascumpeque, P.E.I.

2019

May

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 5/2/2019 | 2.6 | 0.36 | 1.9 | 3.0 | 2.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/3/2019 | 2.9 | 0.15 | 2.7 | 3.1 | 5.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/4/2019 | 2.3 | 0.22 | 1.9 | 2.7 | 7.9 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/5/2019 | 2.0 | 0.37 | 1.7 | 2.8 | 10.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/6/2019 | 3.4 | 0.23 | 3.0 | 3.8 | 13.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/7/2019 | 3.5 | 0.38 | 2.6 | 3.9 | 16.9 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/8/2019 | 2.8 | 0.57 | 2.4 | 4.4 | 19.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/9/2019 | 5.0 | 0.19 | 4.6 | 5.3 | 24.7 | 1.0 | NA | NA | NA | NA | NA | NA |
| 5/10/2019 | 4.7 | 0.53 | 3.5 | 5.2 | 29.4 | 1.7 | NA | NA | NA | NA | NA | NA |
| 5/11/2019 | 3.4 | 0.12 | 3.1 | 3.5 | 32.8 | 1.7 | NA | NA | NA | NA | NA | NA |
| 5/12/2019 | 3.7 | 0.93 | 2.8 | 5.0 | 36.6 | 1.7 | NA | NA | NA | NA | NA | NA |
| 5/13/2019 | 4.8 | 0.06 | 4.8 | 4.9 | 41.4 | 2.5 | NA | NA | NA | NA | NA | NA |
| 5/14/2019 | 4.9 | 0.31 | 4.6 | 5.6 | 46.3 | 3.4 | NA | NA | NA | NA | NA | NA |
| 5/15/2019 | 5.5 | 0.08 | 5.4 | 5.6 | 51.8 | 4.9 | NA | NA | NA | NA | NA | NA |
| 5/16/2019 | 5.0 | 0.07 | 4.9 | 5.2 | 56.8 | 5.9 | NA | NA | NA | NA | NA | NA |
| 5/17/2019 | 4.4 | 0.20 | 4.3 | 5.0 | 61.3 | 6.4 | NA | NA | NA | NA | NA | NA |
| 5/18/2019 | 4.6 | 0.52 | 4.0 | 5.3 | 65.9 | 7.0 | NA | NA | NA | NA | NA | NA |
| 5/19/2019 | 4.7 | 0.23 | 4.2 | 5.1 | 70.6 | 7.7 | NA | NA | NA | NA | NA | NA |
| 5/20/2019 | 4.3 | 0.23 | 4.1 | 4.8 | 74.9 | 8.0 | NA | NA | NA | NA | NA | NA |
| 5/21/2019 | 4.7 | 0.29 | 4.4 | 5.3 | 79.6 | 8.7 | NA | NA | NA | NA | NA | NA |
| 5/22/2019 | 4.9 | 0.32 | 4.4 | 5.4 | 84.5 | 9.6 | NA | NA | NA | NA | NA | NA |
| 5/23/2019 | 4.6 | 0.13 | 4.3 | 4.9 | 89.2 | 10.2 | NA | NA | NA | NA | NA | NA |
| 5/24/2019 | 4.4 | 0.11 | 4.3 | 4.6 | 93.6 | 10.7 | NA | NA | NA | NA | NA | NA |
| 5/25/2019 | 4.1 | 0.28 | 3.7 | 4.5 | 97.7 | 10.8 | NA | NA | NA | NA | NA | NA |
| 5/26/2019 | 3.8 | 0.24 | 3.6 | 4.4 | 101.5 | 10.8 | NA | NA | NA | NA | NA | NA |
| 5/27/2019 | 4.0 | 0.09 | 3.9 | 4.1 | 105.5 | 10.8 | NA | NA | NA | NA | NA | NA |
| 5/28/2019 | 4.7 | 0.84 | 4.0 | 6.2 | 110.2 | 11.5 | NA | NA | NA | NA | NA | NA |
| 5/29/2019 | 5.6 | 0.14 | 5.5 | 5.9 | 115.8 | 13.1 | NA | NA | NA | NA | NA | NA |
| 5/30/2019 | 5.5 | 0.06 | 5.4 | 5.6 | 121.3 | 14.6 | NA | NA | NA | NA | NA | NA |
| 5/31/2019 | 5.5 | 0.15 | 5.3 | 5.8 | 126.8 | 16.1 | NA | NA | NA | NA | NA | NA |

June

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/1/2019 | 6.1 | 1.12 | 5.3 | 7.9 | 6.1 | 2.1 | NA | NA | NA | NA | NA | NA |
| 6/2/2019 | 7.1 | 0.25 | 6.8 | 7.7 | 13.2 | 5.2 | NA | NA | NA | NA | NA | NA |
| 6/3/2019 | 6.7 | 0.21 | 6.4 | 7.1 | 19.9 | 7.9 | NA | NA | NA | NA | NA | NA |
| 6/4/2019 | 6.1 | 0.21 | 5.9 | 6.6 | 26.0 | 10.0 | NA | NA | NA | NA | NA | NA |
| 6/5/2019 | 7.0 | 0.66 | 6.0 | 7.8 | 32.9 | 12.9 | NA | NA | NA | NA | NA | NA |
| 6/6/2019 | 7.1 | 0.50 | 6.5 | 8.1 | 40.0 | 16.0 | NA | NA | NA | NA | NA | NA |
| 6/7/2019 | 7.3 | 0.36 | 7.0 | 8.2 | 47.4 | 19.4 | NA | NA | NA | NA | NA | NA |
| 6/8/2019 | 7.6 | 0.48 | 7.2 | 8.8 | 54.9 | 22.9 | NA | NA | NA | NA | NA | NA |
| 6/9/2019 | 9.2 | 0.54 | 8.4 | 10.0 | 64.1 | 28.1 | NA | NA | NA | NA | NA | NA |
| 6/10/2019 | 9.3 | 0.32 | 9.0 | 10.2 | 73.5 | 33.5 | NA | NA | NA | NA | NA | NA |
| 6/11/2019 | 8.0 | 0.64 | 7.1 | 9.1 | 81.5 | 37.5 | NA | NA | NA | NA | NA | NA |
| 6/12/2019 | 7.0 | 0.63 | 6.4 | 8.4 | 88.5 | 40.5 | NA | NA | NA | NA | NA | NA |
| 6/13/2019 | 9.0 | 0.15 | 8.7 | 9.2 | 97.5 | 45.5 | NA | NA | NA | NA | NA | NA |
| 6/14/2019 | 9.7 | 0.55 | 8.8 | 10.2 | 107.2 | 51.2 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/15/2019 | 9.8 | 0.21 | 9.6 | 10.2 | 117.0 | 57.0 | NA | NA | NA | NA | NA | NA |
| 6/16/2019 | 9.6 | 0.21 | 9.1 | 9.8 | 126.5 | 62.5 | NA | NA | NA | NA | NA | NA |
| 6/17/2019 | 9.9 | 0.33 | 9.6 | 10.5 | 136.5 | 68.5 | NA | NA | NA | NA | NA | NA |
| 6/18/2019 | 11.3 | 0.42 | 10.4 | 11.8 | 147.8 | 75.8 | NA | NA | NA | NA | NA | NA |
| 6/19/2019 | 11.3 | 0.15 | 11.0 | 11.6 | 159.1 | 83.1 | NA | NA | NA | NA | NA | NA |
| 6/20/2019 | 11.0 | 0.27 | 10.7 | 11.6 | 170.1 | 90.1 | NA | NA | NA | NA | NA | NA |
| 6/21/2019 | 12.4 | 1.43 | 11.0 | 14.3 | 182.5 | 98.5 | NA | NA | NA | NA | NA | NA |
| 6/22/2019 | 14.0 | 0.06 | 13.9 | 14.1 | 196.5 | 108.5 | NA | NA | NA | NA | NA | NA |
| 6/23/2019 | 14.0 | 0.04 | 13.9 | 14.0 | 210.5 | 118.5 | NA | NA | NA | NA | NA | NA |
| 6/24/2019 | 11.9 | 1.68 | 10.3 | 14.1 | 222.4 | 126.4 | NA | NA | NA | NA | NA | NA |
| 6/25/2019 | 10.9 | 0.20 | 10.5 | 11.2 | 233.3 | 133.3 | NA | NA | NA | NA | NA | NA |
| 6/26/2019 | 11.3 | 0.13 | 11.1 | 11.6 | 244.6 | 140.6 | NA | NA | NA | NA | NA | NA |
| 6/27/2019 | 11.4 | 0.18 | 11.0 | 11.6 | 256.0 | 148.0 | NA | NA | NA | NA | NA | NA |
| 6/28/2019 | 11.0 | 0.03 | 11.0 | 11.1 | 267.0 | 155.0 | NA | NA | NA | NA | NA | NA |
| 6/29/2019 | 11.3 | 0.34 | 11.0 | 11.8 | 278.3 | 162.3 | NA | NA | NA | NA | NA | NA |
| 6/30/2019 | 12.0 | 0.81 | 11.3 | 13.4 | 290.2 | 170.2 | NA | NA | NA | NA | NA | NA |

July

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/1/2019 | 13.3 | 0.07 | 13.2 | 13.4 | 13.3 | 9.3 | NA | NA | NA | NA | NA | NA |
| 7/2/2019 | 13.2 | 0.08 | 13.1 | 13.4 | 26.5 | 18.5 | NA | NA | NA | NA | NA | NA |
| 7/3/2019 | 12.5 | 1.16 | 10.4 | 13.7 | 39.0 | 27.0 | NA | NA | NA | NA | NA | NA |
| 7/4/2019 | 10.0 | 0.18 | 9.7 | 10.3 | 49.0 | 33.0 | NA | NA | NA | NA | NA | NA |
| 7/5/2019 | 10.9 | 0.68 | 10.2 | 12.0 | 59.9 | 39.9 | NA | NA | NA | NA | NA | NA |
| 7/6/2019 | 11.8 | 0.13 | 11.6 | 12.0 | 71.7 | 47.7 | NA | NA | NA | NA | NA | NA |
| 7/7/2019 | 13.3 | 1.50 | 11.7 | 15.4 | 85.0 | 57.0 | NA | NA | NA | NA | NA | NA |
| 7/8/2019 | 14.4 | 0.19 | 14.1 | 14.7 | 99.5 | 67.5 | NA | NA | NA | NA | NA | NA |
| 7/9/2019 | 14.3 | 0.82 | 13.8 | 16.1 | 113.8 | 77.8 | NA | NA | NA | NA | NA | NA |
| 7/10/2019 | 16.7 | 0.21 | 16.4 | 17.0 | 130.5 | 90.5 | NA | NA | NA | NA | NA | NA |
| 7/11/2019 | 16.9 | 0.16 | 16.6 | 17.1 | 147.4 | 103.4 | NA | NA | NA | NA | NA | NA |
| 7/12/2019 | 13.6 | 0.98 | 12.4 | 15.5 | 161.0 | 113.0 | NA | NA | NA | NA | NA | NA |
| 7/13/2019 | 11.6 | 0.40 | 10.8 | 12.3 | 172.6 | 120.6 | NA | NA | NA | NA | NA | NA |
| 7/14/2019 | 11.4 | 0.45 | 10.7 | 12.3 | 183.9 | 127.9 | NA | NA | NA | NA | NA | NA |
| 7/15/2019 | 13.1 | 0.81 | 11.7 | 14.4 | 197.0 | 137.0 | NA | NA | NA | NA | NA | NA |
| 7/16/2019 | 15.0 | 0.65 | 14.3 | 16.3 | 212.0 | 148.0 | NA | NA | NA | NA | NA | NA |
| 7/17/2019 | 13.2 | 1.22 | 10.9 | 14.3 | 225.2 | 157.2 | NA | NA | NA | NA | NA | NA |
| 7/18/2019 | 13.7 | 2.12 | 10.7 | 15.9 | 238.9 | 166.9 | NA | NA | NA | NA | NA | NA |
| 7/19/2019 | 15.0 | 0.93 | 13.5 | 16.3 | 254.0 | 178.0 | NA | NA | NA | NA | NA | NA |
| 7/20/2019 | 14.4 | 0.61 | 13.6 | 15.4 | 268.4 | 188.4 | NA | NA | NA | NA | NA | NA |
| 7/21/2019 | 14.8 | 0.62 | 13.9 | 15.7 | 283.2 | 199.2 | NA | NA | NA | NA | NA | NA |
| 7/22/2019 | 14.7 | 0.22 | 14.3 | 15.0 | 297.9 | 209.9 | NA | NA | NA | NA | NA | NA |
| 7/23/2019 | 14.7 | 0.79 | 13.3 | 15.6 | 312.6 | 220.6 | NA | NA | NA | NA | NA | NA |
| 7/24/2019 | 14.4 | 0.51 | 13.4 | 14.9 | 327.0 | 231.0 | NA | NA | NA | NA | NA | NA |
| 7/25/2019 | 15.2 | 0.38 | 14.6 | 15.7 | 342.1 | 242.1 | NA | NA | NA | NA | NA | NA |
| 7/26/2019 | 13.5 | 0.98 | 12.4 | 14.9 | 355.6 | 251.6 | NA | NA | NA | NA | NA | NA |
| 7/27/2019 | 13.0 | 0.15 | 12.8 | 13.3 | 368.6 | 260.6 | NA | NA | NA | NA | NA | NA |
| 7/28/2019 | 13.6 | 0.52 | 12.8 | 14.4 | 382.2 | 270.2 | NA | NA | NA | NA | NA | NA |
| 7/29/2019 | 14.2 | 0.55 | 12.9 | 14.7 | 396.4 | 280.4 | NA | NA | NA | NA | NA | NA |
| 7/30/2019 | 16.9 | 0.88 | 15.2 | 18.1 | 413.2 | 293.2 | NA | NA | NA | NA | NA | NA |
| 7/31/2019 | 15.4 | 1.57 | 13.1 | 17.1 | 428.6 | 304.6 | NA | NA | NA | NA | NA | NA |

August

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/1/2019 | 15.2 | 0.74 | 13.7 | 16.2 | 15.2 | 11.2 | NA | NA | NA | NA | NA | NA |
| 8/2/2019 | 16.5 | 1.28 | 14.6 | 18.3 | 31.7 | 23.7 | NA | NA | NA | NA | NA | NA |
| 8/3/2019 | 15.5 | 1.12 | 13.7 | 16.6 | 47.1 | 35.1 | NA | NA | NA | NA | NA | NA |
| 8/4/2019 | 14.7 | 0.53 | 13.9 | 15.8 | 61.8 | 45.8 | NA | NA | NA | NA | NA | NA |
| 8/5/2019 | 17.0 | 0.82 | 15.3 | 18.5 | 78.8 | 58.8 | NA | NA | NA | NA | NA | NA |
| 8/6/2019 | 17.5 | 1.81 | 15.1 | 20.0 | 96.3 | 72.3 | NA | NA | NA | NA | NA | NA |
| 8/7/2019 | 14.5 | 0.78 | 13.1 | 15.4 | 110.8 | 82.8 | NA | NA | NA | NA | NA | NA |
| 8/8/2019 | 13.1 | 0.26 | 12.6 | 13.5 | 123.9 | 91.9 | NA | NA | NA | NA | NA | NA |
| 8/9/2019 | 11.5 | 0.82 | 10.3 | 12.8 | 135.4 | 99.4 | NA | NA | NA | NA | NA | NA |
| 8/10/2019 | 13.0 | 1.86 | 10.5 | 15.7 | 148.4 | 108.4 | NA | NA | NA | NA | NA | NA |
| 8/11/2019 | 15.0 | 1.02 | 13.5 | 16.2 | 163.4 | 119.4 | NA | NA | NA | NA | NA | NA |
| 8/12/2019 | 16.4 | 0.39 | 15.3 | 16.7 | 179.8 | 131.8 | NA | NA | NA | NA | NA | NA |
| 8/13/2019 | 16.4 | 0.77 | 14.6 | 17.0 | 196.2 | 144.2 | NA | NA | NA | NA | NA | NA |
| 8/14/2019 | 16.5 | 1.20 | 14.6 | 17.5 | 212.7 | 156.7 | NA | NA | NA | NA | NA | NA |
| 8/15/2019 | 17.1 | 0.32 | 16.7 | 17.6 | 229.9 | 169.9 | NA | NA | NA | NA | NA | NA |
| 8/16/2019 | 15.8 | 0.57 | 14.7 | 16.5 | 245.7 | 181.7 | NA | NA | NA | NA | NA | NA |
| 8/17/2019 | 13.4 | 0.58 | 12.5 | 14.5 | 259.1 | 191.1 | NA | NA | NA | NA | NA | NA |
| 8/18/2019 | 13.9 | 0.49 | 13.2 | 14.5 | 273.0 | 201.0 | NA | NA | NA | NA | NA | NA |
| 8/19/2019 | 14.4 | 0.97 | 13.2 | 15.8 | 287.4 | 211.4 | NA | NA | NA | NA | NA | NA |
| 8/20/2019 | 14.7 | 0.76 | 14.1 | 16.5 | 302.1 | 222.1 | NA | NA | NA | NA | NA | NA |
| 8/21/2019 | 16.6 | 0.87 | 14.7 | 17.2 | 318.7 | 234.7 | NA | NA | NA | NA | NA | NA |
| 8/22/2019 | 15.2 | 0.35 | 14.7 | 15.5 | 333.9 | 245.9 | NA | NA | NA | NA | NA | NA |
| 8/23/2019 | 15.8 | 0.16 | 15.6 | 16.0 | 349.7 | 257.7 | NA | NA | NA | NA | NA | NA |
| 8/24/2019 | 17.7 | 1.02 | 16.1 | 18.6 | 367.4 | 271.4 | NA | NA | NA | NA | NA | NA |
| 8/25/2019 | 18.5 | 0.09 | 18.4 | 18.7 | 385.9 | 285.9 | NA | NA | NA | NA | NA | NA |
| 8/26/2019 | 16.3 | 2.21 | 13.1 | 18.4 | 402.1 | 298.1 | NA | NA | NA | NA | NA | NA |
| 8/27/2019 | 15.2 | 1.10 | 13.4 | 16.5 | 417.3 | 309.3 | NA | NA | NA | NA | NA | NA |
| 8/28/2019 | 17.6 | 0.48 | 16.8 | 18.2 | 435.0 | 323.0 | NA | NA | NA | NA | NA | NA |
| 8/29/2019 | 17.1 | 0.95 | 15.0 | 18.0 | 452.1 | 336.1 | NA | NA | NA | NA | NA | NA |
| 8/30/2019 | 12.8 | 0.70 | 11.9 | 14.7 | 464.9 | 344.9 | NA | NA | NA | NA | NA | NA |
| 8/31/2019 | 14.0 | 0.77 | 13.2 | 15.6 | 479.0 | 355.0 | NA | NA | NA | NA | NA | NA |

September

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/1/2019 | 15.9 | 1.41 | 13.7 | 17.3 | 15.9 | 11.9 | NA | NA | NA | NA | NA | NA |
| 9/2/2019 | 17.0 | 0.25 | 16.4 | 17.3 | 32.9 | 24.9 | NA | NA | NA | NA | NA | NA |
| 9/3/2019 | 14.2 | 0.84 | 13.4 | 16.1 | 47.1 | 35.1 | NA | NA | NA | NA | NA | NA |
| 9/4/2019 | 15.7 | 0.66 | 14.3 | 16.5 | 62.8 | 46.8 | NA | NA | NA | NA | NA | NA |
| 9/5/2019 | 12.9 | 0.68 | 12.2 | 14.3 | 75.7 | 55.7 | NA | NA | NA | NA | NA | NA |
| 9/6/2019 | 15.0 | 0.71 | 13.2 | 15.7 | 90.7 | 66.7 | NA | NA | NA | NA | NA | NA |
| 9/7/2019 | 16.3 | 0.41 | 15.7 | 16.8 | 107.0 | 79.0 | NA | NA | NA | NA | NA | NA |
| 9/8/2019 | 16.1 | 0.18 | 16.0 | 16.6 | 123.1 | 91.1 | NA | NA | NA | NA | NA | NA |
| 9/9/2019 | 15.9 | 0.07 | 15.8 | 16.0 | 139.0 | 103.0 | NA | NA | NA | NA | NA | NA |
| 9/10/2019 | 15.7 | 0.14 | 15.4 | 15.8 | 154.7 | 114.7 | NA | NA | NA | NA | NA | NA |
| 9/11/2019 | 15.0 | 0.27 | 14.5 | 15.3 | 169.7 | 125.7 | NA | NA | NA | NA | NA | NA |
| 9/12/2019 | 14.9 | 0.31 | 14.4 | 15.3 | 184.6 | 136.6 | NA | NA | NA | NA | NA | NA |
| 9/13/2019 | 14.8 | 0.06 | 14.7 | 14.9 | 199.5 | 147.5 | NA | NA | NA | NA | NA | NA |
| 9/14/2019 | 14.1 | 0.36 | 13.8 | 14.8 | 213.5 | 157.5 | NA | NA | NA | NA | NA | NA |
| 9/15/2019 | 13.7 | 0.08 | 13.6 | 13.9 | 227.2 | 167.2 | NA | NA | NA | NA | NA | NA |
| 9/16/2019 | 13.8 | 0.17 | 13.7 | 14.2 | 241.0 | 177.0 | NA | NA | NA | NA | NA | NA |
| 9/17/2019 | 14.3 | 0.17 | 14.1 | 14.6 | 255.3 | 187.3 | NA | NA | NA | NA | NA | NA |
| 9/18/2019 | 13.9 | 0.06 | 13.9 | 14.0 | 269.2 | 197.2 | NA | NA | NA | NA | NA | NA |
| 9/19/2019 | 13.9 | 0.03 | 13.9 | 14.0 | 283.1 | 207.1 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/20/2019 | 13.9 | 0.01 | 13.9 | 13.9 | 297.0 | 217.0 | NA | NA | NA | NA | NA | NA |
| 9/21/2019 | 14.0 | 0.12 | 13.9 | 14.2 | 311.1 | 227.1 | NA | NA | NA | NA | NA | NA |
| 9/22/2019 | 14.1 | 0.02 | 14.1 | 14.1 | 325.2 | 237.2 | NA | NA | NA | NA | NA | NA |
| 9/23/2019 | 14.2 | 0.10 | 14.1 | 14.3 | 339.4 | 247.4 | NA | NA | NA | NA | NA | NA |
| 9/24/2019 | 14.4 | 0.21 | 14.1 | 14.6 | 353.7 | 257.7 | NA | NA | NA | NA | NA | NA |
| 9/25/2019 | 14.3 | 0.04 | 14.3 | 14.4 | 368.1 | 268.1 | NA | NA | NA | NA | NA | NA |
| 9/26/2019 | 14.3 | 0.02 | 14.3 | 14.4 | 382.4 | 278.4 | NA | NA | NA | NA | NA | NA |
| 9/27/2019 | 14.4 | 0.03 | 14.4 | 14.4 | 396.8 | 288.8 | NA | NA | NA | NA | NA | NA |
| 9/28/2019 | 14.2 | 0.28 | 13.6 | 14.4 | 411.0 | 299.0 | NA | NA | NA | NA | NA | NA |
| 9/29/2019 | 13.4 | 0.27 | 13.1 | 14.0 | 424.4 | 308.4 | NA | NA | NA | NA | NA | NA |
| 9/30/2019 | 13.4 | 0.10 | 13.2 | 13.6 | 437.8 | 317.8 | NA | NA | NA | NA | NA | NA |

October

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/1/2019 | 13.4 | 0.06 | 13.2 | 13.4 | 13.4 | 9.4 | NA | NA | NA | NA | NA | NA |
| 10/2/2019 | 13.2 | 0.09 | 13.0 | 13.3 | 26.6 | 18.6 | NA | NA | NA | NA | NA | NA |
| 10/3/2019 | 12.8 | 0.12 | 12.5 | 13.0 | 39.4 | 27.4 | NA | NA | NA | NA | NA | NA |
| 10/4/2019 | 12.7 | 0.05 | 12.6 | 12.8 | 52.1 | 36.1 | NA | NA | NA | NA | NA | NA |
| 10/5/2019 | 12.3 | 0.24 | 11.6 | 12.5 | 64.4 | 44.4 | NA | NA | NA | NA | NA | NA |
| 10/6/2019 | 12.2 | 0.06 | 12.1 | 12.3 | 76.6 | 52.6 | NA | NA | NA | NA | NA | NA |
| 10/7/2019 | 12.0 | 0.10 | 11.9 | 12.2 | 88.6 | 60.6 | NA | NA | NA | NA | NA | NA |
| 10/8/2019 | 11.9 | 0.02 | 11.9 | 11.9 | 100.5 | 68.5 | NA | NA | NA | NA | NA | NA |
| 10/9/2019 | 11.9 | 0.05 | 11.9 | 12.0 | 112.5 | 76.5 | NA | NA | NA | NA | NA | NA |
| 10/10/2019 | 12.1 | 0.08 | 12.0 | 12.2 | 124.5 | 84.5 | NA | NA | NA | NA | NA | NA |
| 10/11/2019 | 12.3 | 0.07 | 12.2 | 12.4 | 136.8 | 92.8 | NA | NA | NA | NA | NA | NA |
| 10/12/2019 | 12.3 | 0.03 | 12.2 | 12.3 | 149.1 | 101.1 | NA | NA | NA | NA | NA | NA |
| 10/13/2019 | 12.2 | 0.01 | 12.2 | 12.2 | 161.3 | 109.3 | NA | NA | NA | NA | NA | NA |
| 10/14/2019 | 12.1 | 0.02 | 12.1 | 12.2 | 173.4 | 117.4 | NA | NA | NA | NA | NA | NA |
| 10/15/2019 | 12.1 | 0.02 | 12.1 | 12.1 | 185.5 | 125.5 | NA | NA | NA | NA | NA | NA |
| 10/16/2019 | 11.9 | 0.19 | 11.6 | 12.1 | 197.4 | 133.4 | NA | NA | NA | NA | NA | NA |
| 10/17/2019 | 11.8 | 0.05 | 11.7 | 11.9 | 209.2 | 141.2 | NA | NA | NA | NA | NA | NA |
| 10/18/2019 | 11.7 | 0.05 | 11.6 | 11.7 | 220.9 | 148.9 | NA | NA | NA | NA | NA | NA |
| 10/19/2019 | 11.7 | 0.02 | 11.6 | 11.7 | 232.6 | 156.6 | NA | NA | NA | NA | NA | NA |
| 10/20/2019 | 11.5 | 0.10 | 11.3 | 11.6 | 244.0 | 164.0 | NA | NA | NA | NA | NA | NA |
| 10/21/2019 | 11.3 | 0.02 | 11.2 | 11.3 | 255.3 | 171.3 | NA | NA | NA | NA | NA | NA |
| 10/22/2019 | 11.3 | 0.02 | 11.2 | 11.3 | 266.5 | 178.5 | NA | NA | NA | NA | NA | NA |
| 10/23/2019 | 11.2 | 0.04 | 11.1 | 11.2 | 277.7 | 185.7 | NA | NA | NA | NA | NA | NA |
| 10/24/2019 | 11.1 | 0.03 | 11.0 | 11.1 | 288.8 | 192.8 | NA | NA | NA | NA | NA | NA |
| 10/25/2019 | 10.9 | 0.05 | 10.9 | 11.0 | 299.7 | 199.7 | NA | NA | NA | NA | NA | NA |
| 10/26/2019 | 10.8 | 0.03 | 10.8 | 10.9 | 310.5 | 206.5 | NA | NA | NA | NA | NA | NA |
| 10/27/2019 | 10.7 | 0.05 | 10.6 | 10.7 | 321.2 | 213.2 | NA | NA | NA | NA | NA | NA |
| 10/28/2019 | 10.4 | 0.15 | 10.3 | 10.6 | 331.6 | 219.6 | NA | NA | NA | NA | NA | NA |
| 10/29/2019 | 10.3 | 0.02 | 10.2 | 10.3 | 341.8 | 225.8 | NA | NA | NA | NA | NA | NA |
| 10/30/2019 | 10.4 | 0.04 | 10.3 | 10.4 | 352.2 | 232.2 | NA | NA | NA | NA | NA | NA |
| 10/31/2019 | 10.4 | 0.02 | 10.4 | 10.4 | 362.6 | 238.6 | NA | NA | NA | NA | NA | NA |

November

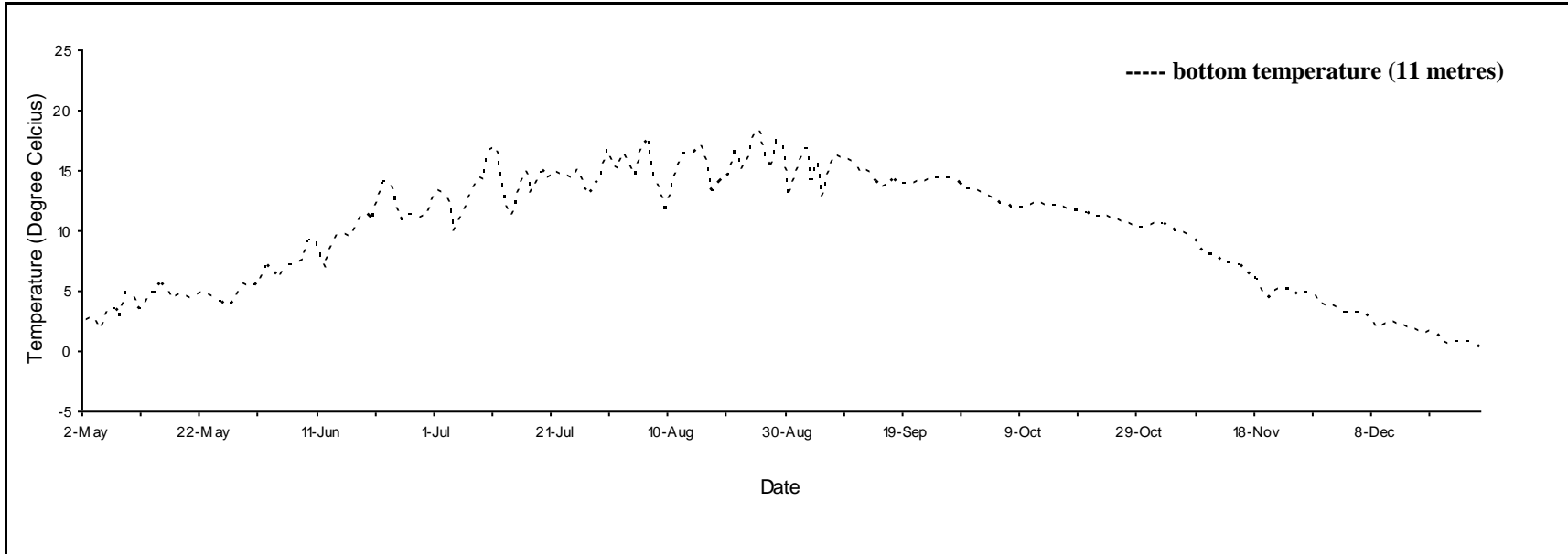
| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 11/1/2019 | 10.6 | 0.12 | 10.4 | 10.8 | 10.6 | 6.6 | NA | NA | NA | NA | NA | NA |
| 11/2/2019 | 10.6 | 0.11 | 10.4 | 10.7 | 21.2 | 13.2 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 11/3/2019 | 10.2 | 0.12 | 10.1 | 10.4 | 31.4 | 19.4 | NA | NA | NA | NA | NA | NA |
| 11/4/2019 | 10.0 | 0.04 | 9.9 | 10.0 | 41.4 | 25.4 | NA | NA | NA | NA | NA | NA |
| 11/5/2019 | 9.9 | 0.01 | 9.9 | 9.9 | 51.3 | 31.3 | NA | NA | NA | NA | NA | NA |
| 11/6/2019 | 9.8 | 0.06 | 9.7 | 9.9 | 61.1 | 37.1 | NA | NA | NA | NA | NA | NA |
| 11/7/2019 | 9.4 | 0.09 | 9.3 | 9.6 | 70.5 | 42.5 | NA | NA | NA | NA | NA | NA |
| 11/8/2019 | 8.8 | 0.26 | 8.6 | 9.3 | 79.3 | 47.3 | NA | NA | NA | NA | NA | NA |
| 11/9/2019 | 8.2 | 0.14 | 8.0 | 8.5 | 87.5 | 51.5 | NA | NA | NA | NA | NA | NA |
| 11/10/2019 | 8.0 | 0.04 | 8.0 | 8.1 | 95.5 | 55.5 | NA | NA | NA | NA | NA | NA |
| 11/11/2019 | 8.0 | 0.05 | 7.8 | 8.0 | 103.5 | 59.5 | NA | NA | NA | NA | NA | NA |
| 11/12/2019 | 7.4 | 0.31 | 6.9 | 7.8 | 110.9 | 62.9 | NA | NA | NA | NA | NA | NA |
| 11/13/2019 | 7.3 | 0.20 | 7.0 | 7.5 | 118.2 | 66.2 | NA | NA | NA | NA | NA | NA |
| 11/14/2019 | 7.2 | 0.19 | 6.9 | 7.5 | 125.5 | 69.5 | NA | NA | NA | NA | NA | NA |
| 11/15/2019 | 7.1 | 0.18 | 6.9 | 7.5 | 132.6 | 72.6 | NA | NA | NA | NA | NA | NA |
| 11/16/2019 | 6.7 | 0.19 | 6.3 | 6.9 | 139.3 | 75.3 | NA | NA | NA | NA | NA | NA |
| 11/17/2019 | 6.0 | 0.09 | 5.9 | 6.3 | 145.3 | 77.3 | NA | NA | NA | NA | NA | NA |
| 11/18/2019 | 6.0 | 0.15 | 5.7 | 6.2 | 151.3 | 79.3 | NA | NA | NA | NA | NA | NA |
| 11/19/2019 | 5.0 | 0.21 | 4.7 | 5.5 | 156.3 | 80.3 | NA | NA | NA | NA | NA | NA |
| 11/20/2019 | 4.4 | 0.26 | 4.0 | 4.8 | 160.8 | 80.8 | NA | NA | NA | NA | NA | NA |
| 11/21/2019 | 5.0 | 0.35 | 4.1 | 5.3 | 165.8 | 81.8 | NA | NA | NA | NA | NA | NA |
| 11/22/2019 | 5.2 | 0.04 | 5.1 | 5.2 | 170.9 | 82.9 | NA | NA | NA | NA | NA | NA |
| 11/23/2019 | 5.1 | 0.16 | 4.9 | 5.4 | 176.0 | 84.0 | NA | NA | NA | NA | NA | NA |
| 11/24/2019 | 5.1 | 0.06 | 5.0 | 5.2 | 181.2 | 85.2 | NA | NA | NA | NA | NA | NA |
| 11/25/2019 | 4.6 | 0.12 | 4.4 | 4.9 | 185.8 | 85.8 | NA | NA | NA | NA | NA | NA |
| 11/26/2019 | 4.8 | 0.06 | 4.7 | 4.9 | 190.6 | 86.6 | NA | NA | NA | NA | NA | NA |
| 11/27/2019 | 4.8 | 0.05 | 4.7 | 4.9 | 195.4 | 87.4 | NA | NA | NA | NA | NA | NA |
| 11/28/2019 | 4.6 | 0.13 | 4.4 | 4.8 | 200.1 | 88.1 | NA | NA | NA | NA | NA | NA |
| 11/29/2019 | 4.0 | 0.22 | 3.7 | 4.3 | 204.1 | 88.1 | NA | NA | NA | NA | NA | NA |
| 11/30/2019 | 3.7 | 0.05 | 3.6 | 3.8 | 207.7 | 88.1 | NA | NA | NA | NA | NA | NA |

December

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 12/1/2019 | 3.7 | 0.03 | 3.7 | 3.8 | 3.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/2/2019 | 3.5 | 0.20 | 3.2 | 3.8 | 7.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/3/2019 | 3.1 | 0.15 | 2.8 | 3.3 | 10.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/4/2019 | 3.2 | 0.04 | 3.2 | 3.3 | 13.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/5/2019 | 3.2 | 0.03 | 3.2 | 3.3 | 16.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/6/2019 | 3.4 | 0.03 | 3.3 | 3.4 | 20.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/7/2019 | 2.9 | 0.29 | 2.6 | 3.3 | 23.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/8/2019 | 2.1 | 0.20 | 1.9 | 2.6 | 25.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/9/2019 | 2.1 | 0.14 | 1.8 | 2.2 | 27.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/10/2019 | 2.3 | 0.10 | 2.1 | 2.4 | 29.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/11/2019 | 2.6 | 0.11 | 2.4 | 2.7 | 32.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/12/2019 | 2.3 | 0.16 | 2.0 | 2.5 | 34.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/13/2019 | 2.1 | 0.17 | 1.9 | 2.3 | 36.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/14/2019 | 2.0 | 0.15 | 1.6 | 2.0 | 38.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/15/2019 | 1.9 | 0.13 | 1.6 | 2.0 | 40.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/16/2019 | 1.6 | 0.18 | 1.4 | 1.9 | 42.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/17/2019 | 1.6 | 0.14 | 1.3 | 1.7 | 43.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/18/2019 | 1.6 | 0.07 | 1.5 | 1.7 | 45.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/19/2019 | 1.2 | 0.34 | 0.9 | 1.7 | 46.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/20/2019 | 0.8 | 0.06 | 0.7 | 0.9 | 47.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/21/2019 | 0.6 | 0.08 | 0.5 | 0.8 | 47.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/22/2019 | 0.8 | 0.08 | 0.6 | 0.9 | 48.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/23/2019 | 0.8 | 0.12 | 0.6 | 0.9 | 49.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/24/2019 | 0.7 | 0.14 | 0.4 | 0.9 | 50.1 | 0.0 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 12/25/2019 | 0.6 | 0.03 | 0.6 | 0.6 | 50.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/26/2019 | 0.3 | 0.15 | 0.1 | 0.5 | 51.0 | 0.0 | NA | NA | NA | NA | NA | NA |



Daily mean temperature for Cascumpeque, P.E.I., 2019.

Cheticamp, N.S.

2019

April

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 4/30/2019 | 1.7 | 0.13 | 1.4 | 1.8 | 1.7 | 0.0 | NA | NA | NA | NA | NA | NA |

May

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 5/1/2019 | 1.7 | 0.10 | 1.5 | 1.8 | 1.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/2/2019 | 1.8 | 0.24 | 1.5 | 2.2 | 3.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/3/2019 | 2.1 | 0.22 | 1.7 | 2.5 | 5.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/4/2019 | 2.1 | 0.15 | 1.9 | 2.4 | 7.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/5/2019 | 2.7 | 0.29 | 2.1 | 3.1 | 10.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/6/2019 | 2.5 | 0.45 | 1.7 | 3.0 | 12.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/7/2019 | 3.0 | 0.49 | 2.3 | 3.8 | 15.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/8/2019 | 3.5 | 0.65 | 2.5 | 4.4 | 19.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/9/2019 | 3.1 | 1.11 | 1.5 | 4.6 | 22.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/10/2019 | 2.3 | 0.67 | 0.9 | 3.2 | 24.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/11/2019 | 3.1 | 0.30 | 2.8 | 3.7 | 27.9 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/12/2019 | 3.2 | 0.57 | 2.3 | 3.9 | 31.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/13/2019 | 3.3 | 0.60 | 2.5 | 4.4 | 34.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/14/2019 | 3.8 | 0.35 | 3.2 | 4.3 | 38.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/15/2019 | 2.7 | 0.88 | 1.6 | 4.2 | 41.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/16/2019 | 3.0 | 0.52 | 2.2 | 3.5 | 44.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/17/2019 | 3.3 | 0.34 | 2.7 | 3.7 | 47.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/18/2019 | 3.3 | 0.30 | 2.6 | 3.8 | 50.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/19/2019 | 2.7 | 0.57 | 1.9 | 3.6 | 53.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/20/2019 | 3.3 | 0.47 | 2.6 | 4.1 | 56.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/21/2019 | 3.6 | 0.54 | 2.8 | 4.3 | 60.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/22/2019 | 2.3 | 1.00 | 1.1 | 3.8 | 62.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/23/2019 | 2.8 | 0.70 | 1.2 | 3.7 | 65.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/24/2019 | 3.2 | 0.29 | 2.6 | 3.6 | 68.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/25/2019 | 2.5 | 0.85 | 1.1 | 3.7 | 71.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/26/2019 | 4.4 | 0.56 | 3.7 | 5.4 | 75.5 | 0.4 | NA | NA | NA | NA | NA | NA |
| 5/27/2019 | 4.9 | 0.37 | 4.2 | 5.3 | 80.4 | 1.3 | NA | NA | NA | NA | NA | NA |
| 5/28/2019 | 5.0 | 0.42 | 4.6 | 5.8 | 85.4 | 2.3 | NA | NA | NA | NA | NA | NA |
| 5/29/2019 | 5.8 | 0.13 | 5.6 | 6.1 | 91.2 | 4.1 | NA | NA | NA | NA | NA | NA |
| 5/30/2019 | 6.1 | 0.13 | 5.9 | 6.3 | 97.3 | 6.2 | NA | NA | NA | NA | NA | NA |
| 5/31/2019 | 6.3 | 0.17 | 6.0 | 6.6 | 103.6 | 8.5 | NA | NA | NA | NA | NA | NA |

June

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/1/2019 | 6.3 | 0.17 | 6.0 | 6.6 | 6.3 | 2.3 | NA | NA | NA | NA | NA | NA |
| 6/2/2019 | 6.2 | 0.35 | 5.9 | 6.8 | 12.5 | 4.5 | NA | NA | NA | NA | NA | NA |
| 6/3/2019 | 6.4 | 0.20 | 6.1 | 6.7 | 19.0 | 7.0 | NA | NA | NA | NA | NA | NA |
| 6/4/2019 | 6.9 | 0.32 | 6.4 | 7.5 | 25.8 | 9.8 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/5/2019 | 6.9 | 0.45 | 6.2 | 7.6 | 32.7 | 12.7 | NA | NA | NA | NA | NA | NA |
| 6/6/2019 | 6.9 | 0.25 | 6.2 | 7.2 | 39.6 | 15.6 | NA | NA | NA | NA | NA | NA |
| 6/7/2019 | 7.2 | 0.31 | 6.5 | 7.7 | 46.7 | 18.7 | NA | NA | NA | NA | NA | NA |
| 6/8/2019 | 7.3 | 0.51 | 6.4 | 8.3 | 54.1 | 22.1 | NA | NA | NA | NA | NA | NA |
| 6/9/2019 | 8.1 | 0.50 | 7.1 | 8.8 | 62.2 | 26.2 | NA | NA | NA | NA | NA | NA |
| 6/10/2019 | 8.2 | 0.76 | 7.2 | 9.6 | 70.5 | 30.5 | NA | NA | NA | NA | NA | NA |
| 6/11/2019 | 8.7 | 0.61 | 7.3 | 9.4 | 79.2 | 35.2 | NA | NA | NA | NA | NA | NA |
| 6/12/2019 | 9.2 | 0.52 | 8.4 | 10.1 | 88.3 | 40.3 | NA | NA | NA | NA | NA | NA |
| 6/13/2019 | 9.3 | 0.86 | 7.4 | 10.3 | 97.6 | 45.6 | NA | NA | NA | NA | NA | NA |
| 6/14/2019 | 10.1 | 0.48 | 9.3 | 11.0 | 107.8 | 51.8 | NA | NA | NA | NA | NA | NA |
| 6/15/2019 | 10.1 | 0.24 | 9.7 | 10.6 | 117.8 | 57.8 | NA | NA | NA | NA | NA | NA |
| 6/16/2019 | 10.2 | 0.23 | 9.9 | 10.6 | 128.0 | 64.0 | NA | NA | NA | NA | NA | NA |
| 6/17/2019 | 10.2 | 0.36 | 9.6 | 11.0 | 138.3 | 70.3 | NA | NA | NA | NA | NA | NA |
| 6/18/2019 | 10.5 | 0.35 | 10.1 | 11.4 | 148.8 | 76.8 | NA | NA | NA | NA | NA | NA |
| 6/19/2019 | 11.5 | 1.18 | 9.9 | 12.9 | 160.3 | 84.3 | NA | NA | NA | NA | NA | NA |
| 6/20/2019 | 13.0 | 0.42 | 12.3 | 13.6 | 173.3 | 93.3 | NA | NA | NA | NA | NA | NA |
| 6/21/2019 | 13.2 | 0.91 | 11.1 | 14.3 | 186.5 | 102.5 | NA | NA | NA | NA | NA | NA |
| 6/22/2019 | 11.7 | 1.24 | 8.9 | 13.4 | 198.2 | 110.2 | NA | NA | NA | NA | NA | NA |
| 6/23/2019 | 10.2 | 0.33 | 9.2 | 10.5 | 208.4 | 116.4 | NA | NA | NA | NA | NA | NA |
| 6/24/2019 | 10.1 | 0.90 | 7.8 | 10.8 | 218.5 | 122.5 | NA | NA | NA | NA | NA | NA |
| 6/25/2019 | 11.0 | 0.28 | 10.8 | 11.8 | 229.6 | 129.6 | NA | NA | NA | NA | NA | NA |
| 6/26/2019 | 12.2 | 0.86 | 11.1 | 13.2 | 241.8 | 137.8 | NA | NA | NA | NA | NA | NA |
| 6/27/2019 | 12.3 | 0.81 | 11.4 | 13.2 | 254.0 | 146.0 | NA | NA | NA | NA | NA | NA |
| 6/28/2019 | 12.0 | 0.80 | 11.4 | 13.4 | 266.0 | 154.0 | NA | NA | NA | NA | NA | NA |
| 6/29/2019 | 12.4 | 0.81 | 11.2 | 13.3 | 278.4 | 162.4 | NA | NA | NA | NA | NA | NA |
| 6/30/2019 | 11.8 | 0.48 | 10.7 | 12.5 | 290.2 | 170.2 | NA | NA | NA | NA | NA | NA |

July

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/1/2019 | 11.5 | 0.41 | 10.9 | 12.1 | 11.5 | 7.5 | NA | NA | NA | NA | NA | NA |
| 7/2/2019 | 9.8 | 0.87 | 7.8 | 10.6 | 21.3 | 13.3 | NA | NA | NA | NA | NA | NA |
| 7/3/2019 | 10.7 | 0.21 | 10.4 | 11.0 | 32.0 | 20.0 | NA | NA | NA | NA | NA | NA |
| 7/4/2019 | 11.0 | 0.80 | 9.8 | 12.2 | 43.0 | 27.0 | NA | NA | NA | NA | NA | NA |
| 7/5/2019 | 12.2 | 0.60 | 11.2 | 13.0 | 55.1 | 35.1 | NA | NA | NA | NA | NA | NA |
| 7/6/2019 | 13.0 | 0.90 | 11.1 | 13.9 | 68.1 | 44.1 | NA | NA | NA | NA | NA | NA |
| 7/7/2019 | 12.9 | 0.82 | 11.5 | 13.9 | 81.0 | 53.0 | NA | NA | NA | NA | NA | NA |
| 7/8/2019 | 13.9 | 1.47 | 10.7 | 15.7 | 94.9 | 62.9 | NA | NA | NA | NA | NA | NA |
| 7/9/2019 | 15.3 | 0.64 | 13.7 | 15.9 | 110.2 | 74.2 | NA | NA | NA | NA | NA | NA |
| 7/10/2019 | 15.2 | 1.04 | 12.3 | 15.9 | 125.4 | 85.4 | NA | NA | NA | NA | NA | NA |
| 7/11/2019 | 12.2 | 1.19 | 10.2 | 14.1 | 137.6 | 93.6 | NA | NA | NA | NA | NA | NA |
| 7/12/2019 | 13.8 | 1.30 | 12.2 | 15.7 | 151.4 | 103.4 | NA | NA | NA | NA | NA | NA |
| 7/13/2019 | 14.5 | 1.16 | 11.8 | 15.4 | 165.9 | 113.9 | NA | NA | NA | NA | NA | NA |
| 7/14/2019 | 15.3 | 0.80 | 13.5 | 16.2 | 181.2 | 125.2 | NA | NA | NA | NA | NA | NA |
| 7/15/2019 | 15.6 | 0.85 | 13.7 | 16.2 | 196.8 | 136.8 | NA | NA | NA | NA | NA | NA |
| 7/16/2019 | 15.5 | 1.02 | 13.6 | 16.3 | 212.3 | 148.3 | NA | NA | NA | NA | NA | NA |
| 7/17/2019 | 15.9 | 0.57 | 14.9 | 16.7 | 228.2 | 160.2 | NA | NA | NA | NA | NA | NA |
| 7/18/2019 | 16.8 | 0.81 | 14.3 | 17.6 | 245.0 | 173.0 | NA | NA | NA | NA | NA | NA |
| 7/19/2019 | 16.9 | 1.28 | 13.4 | 18.0 | 261.8 | 185.8 | NA | NA | NA | NA | NA | NA |
| 7/20/2019 | 17.0 | 1.24 | 13.7 | 18.0 | 278.8 | 198.8 | NA | NA | NA | NA | NA | NA |
| 7/21/2019 | 17.6 | 0.62 | 16.4 | 18.7 | 296.4 | 212.4 | NA | NA | NA | NA | NA | NA |
| 7/22/2019 | 17.9 | 0.97 | 16.2 | 19.3 | 314.3 | 226.3 | NA | NA | NA | NA | NA | NA |
| 7/23/2019 | 17.8 | 1.97 | 13.1 | 19.3 | 332.2 | 240.2 | NA | NA | NA | NA | NA | NA |
| 7/24/2019 | 18.0 | 0.74 | 16.6 | 18.7 | 350.2 | 254.2 | NA | NA | NA | NA | NA | NA |
| 7/25/2019 | 17.7 | 0.75 | 16.3 | 18.9 | 367.9 | 267.9 | NA | NA | NA | NA | NA | NA |
| 7/26/2019 | 17.4 | 0.49 | 16.7 | 18.6 | 385.4 | 281.4 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/27/2019 | 18.9 | 1.00 | 17.1 | 19.9 | 404.2 | 296.2 | NA | NA | NA | NA | NA | NA |
| 7/28/2019 | 18.9 | 0.82 | 18.0 | 20.6 | 423.1 | 311.1 | NA | NA | NA | NA | NA | NA |
| 7/29/2019 | 20.5 | 0.18 | 20.3 | 20.8 | 443.7 | 327.7 | NA | NA | NA | NA | NA | NA |
| 7/30/2019 | 20.3 | 1.07 | 17.5 | 21.4 | 464.0 | 344.0 | NA | NA | NA | NA | NA | NA |
| 7/31/2019 | 19.9 | 1.68 | 16.3 | 21.9 | 483.9 | 359.9 | NA | NA | NA | NA | NA | NA |

August

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/1/2019 | 18.9 | 2.48 | 16.0 | 22.4 | 18.9 | 14.9 | NA | NA | NA | NA | NA | NA |
| 8/2/2019 | 20.1 | 2.58 | 16.4 | 22.7 | 39.0 | 31.0 | NA | NA | NA | NA | NA | NA |
| 8/3/2019 | 20.8 | 1.67 | 17.7 | 22.5 | 59.8 | 47.8 | NA | NA | NA | NA | NA | NA |
| 8/4/2019 | 21.3 | 2.01 | 17.1 | 22.6 | 81.1 | 65.1 | NA | NA | NA | NA | NA | NA |
| 8/5/2019 | 22.2 | 0.15 | 22.0 | 22.5 | 103.3 | 83.3 | NA | NA | NA | NA | NA | NA |
| 8/6/2019 | 21.9 | 0.17 | 21.6 | 22.2 | 125.2 | 101.2 | NA | NA | NA | NA | NA | NA |
| 8/7/2019 | 21.1 | 0.63 | 19.7 | 21.8 | 146.3 | 118.3 | NA | NA | NA | NA | NA | NA |
| 8/8/2019 | 21.6 | 0.24 | 21.3 | 22.0 | 167.9 | 135.9 | NA | NA | NA | NA | NA | NA |
| 8/9/2019 | 21.9 | 0.18 | 21.6 | 22.3 | 189.7 | 153.7 | NA | NA | NA | NA | NA | NA |
| 8/10/2019 | 21.8 | 0.13 | 21.6 | 22.0 | 211.6 | 171.6 | NA | NA | NA | NA | NA | NA |
| 8/11/2019 | 21.9 | 0.17 | 21.6 | 22.1 | 233.5 | 189.5 | NA | NA | NA | NA | NA | NA |
| 8/12/2019 | 21.6 | 0.38 | 20.6 | 21.9 | 255.1 | 207.1 | NA | NA | NA | NA | NA | NA |
| 8/13/2019 | 21.4 | 0.29 | 20.6 | 21.6 | 276.5 | 224.5 | NA | NA | NA | NA | NA | NA |
| 8/14/2019 | 21.2 | 0.24 | 20.6 | 21.4 | 297.7 | 241.7 | NA | NA | NA | NA | NA | NA |
| 8/15/2019 | 21.0 | 0.45 | 20.0 | 21.4 | 318.6 | 258.6 | NA | NA | NA | NA | NA | NA |
| 8/16/2019 | 20.2 | 2.20 | 13.5 | 21.3 | 338.8 | 274.8 | NA | NA | NA | NA | NA | NA |
| 8/17/2019 | 20.7 | 1.44 | 16.5 | 21.8 | 359.6 | 291.6 | NA | NA | NA | NA | NA | NA |
| 8/18/2019 | 21.2 | 1.00 | 18.0 | 21.6 | 380.8 | 308.8 | NA | NA | NA | NA | NA | NA |
| 8/19/2019 | 21.0 | 1.14 | 17.7 | 21.7 | 401.8 | 325.8 | NA | NA | NA | NA | NA | NA |
| 8/20/2019 | 21.9 | 0.14 | 21.6 | 22.1 | 423.7 | 343.7 | NA | NA | NA | NA | NA | NA |
| 8/21/2019 | 21.8 | 0.10 | 21.6 | 22.0 | 445.5 | 361.5 | NA | NA | NA | NA | NA | NA |
| 8/22/2019 | 21.7 | 0.14 | 21.6 | 21.9 | 467.2 | 379.2 | NA | NA | NA | NA | NA | NA |
| 8/23/2019 | 21.6 | 0.12 | 21.5 | 21.9 | 488.8 | 396.8 | NA | NA | NA | NA | NA | NA |
| 8/24/2019 | 19.1 | 3.76 | 12.0 | 21.7 | 507.9 | 411.9 | NA | NA | NA | NA | NA | NA |
| 8/25/2019 | 14.6 | 2.07 | 10.8 | 17.7 | 522.5 | 422.5 | NA | NA | NA | NA | NA | NA |
| 8/26/2019 | 15.6 | 3.04 | 11.0 | 19.5 | 538.1 | 434.1 | NA | NA | NA | NA | NA | NA |
| 8/27/2019 | 11.8 | 2.36 | 9.1 | 16.0 | 550.0 | 442.0 | NA | NA | NA | NA | NA | NA |
| 8/28/2019 | 10.4 | 2.16 | 7.6 | 15.4 | 560.4 | 448.4 | NA | NA | NA | NA | NA | NA |
| 8/29/2019 | 13.8 | 2.47 | 10.3 | 17.7 | 574.1 | 458.1 | NA | NA | NA | NA | NA | NA |
| 8/30/2019 | 17.5 | 1.01 | 15.7 | 18.5 | 591.6 | 471.6 | NA | NA | NA | NA | NA | NA |
| 8/31/2019 | 18.1 | 0.53 | 17.0 | 18.5 | 609.7 | 485.7 | NA | NA | NA | NA | NA | NA |

September

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/1/2019 | 17.9 | 0.78 | 16.7 | 19.1 | 17.9 | 13.9 | NA | NA | NA | NA | NA | NA |
| 9/2/2019 | 18.2 | 0.87 | 16.7 | 18.9 | 36.2 | 28.2 | NA | NA | NA | NA | NA | NA |
| 9/3/2019 | 18.8 | 0.17 | 18.3 | 19.0 | 54.9 | 42.9 | NA | NA | NA | NA | NA | NA |
| 9/4/2019 | 18.8 | 0.24 | 18.1 | 19.0 | 73.7 | 57.7 | NA | NA | NA | NA | NA | NA |
| 9/5/2019 | 18.9 | 0.09 | 18.8 | 19.1 | 92.7 | 72.7 | NA | NA | NA | NA | NA | NA |
| 9/6/2019 | 18.8 | 0.12 | 18.5 | 18.9 | 111.5 | 87.5 | NA | NA | NA | NA | NA | NA |
| 9/7/2019 | 14.3 | 6.04 | 2.4 | 18.6 | 125.7 | 97.7 | NA | NA | NA | NA | NA | NA |
| 9/8/2019 | 10.0 | 3.08 | 2.1 | 12.6 | 135.7 | 103.7 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/9/2019 | 12.8 | 0.42 | 12.4 | 13.5 | 148.6 | 112.6 | NA | NA | NA | NA | NA | NA |
| 9/10/2019 | 13.4 | 0.23 | 13.0 | 13.8 | 162.0 | 122.0 | NA | NA | NA | NA | NA | NA |
| 9/11/2019 | 13.6 | 0.15 | 13.3 | 13.8 | 175.5 | 131.5 | NA | NA | NA | NA | NA | NA |
| 9/12/2019 | 13.2 | 0.68 | 11.7 | 13.9 | 188.7 | 140.7 | NA | NA | NA | NA | NA | NA |
| 9/13/2019 | 12.6 | 0.62 | 11.3 | 13.4 | 201.3 | 149.3 | NA | NA | NA | NA | NA | NA |
| 9/14/2019 | 11.6 | 1.08 | 10.5 | 13.6 | 213.0 | 157.0 | NA | NA | NA | NA | NA | NA |
| 9/15/2019 | 12.8 | 1.26 | 10.3 | 13.6 | 225.8 | 165.8 | NA | NA | NA | NA | NA | NA |
| 9/16/2019 | 13.5 | 0.10 | 13.3 | 13.6 | 239.3 | 175.3 | NA | NA | NA | NA | NA | NA |
| 9/17/2019 | 12.8 | 0.89 | 11.7 | 13.8 | 252.1 | 184.1 | NA | NA | NA | NA | NA | NA |
| 9/18/2019 | 11.0 | 0.43 | 10.4 | 11.7 | 263.1 | 191.1 | NA | NA | NA | NA | NA | NA |
| 9/19/2019 | 11.4 | 0.44 | 10.7 | 12.0 | 274.5 | 198.5 | NA | NA | NA | NA | NA | NA |
| 9/20/2019 | 11.7 | 0.60 | 10.8 | 13.0 | 286.2 | 206.2 | NA | NA | NA | NA | NA | NA |
| 9/21/2019 | 12.0 | 0.55 | 11.2 | 13.1 | 298.3 | 214.3 | NA | NA | NA | NA | NA | NA |
| 9/22/2019 | 13.2 | 0.44 | 12.6 | 13.8 | 311.5 | 223.5 | NA | NA | NA | NA | NA | NA |
| 9/23/2019 | 13.6 | 0.11 | 13.4 | 13.7 | 325.0 | 233.0 | NA | NA | NA | NA | NA | NA |
| 9/24/2019 | 13.5 | 0.08 | 13.4 | 13.6 | 338.6 | 242.6 | NA | NA | NA | NA | NA | NA |
| 9/25/2019 | 13.8 | 0.08 | 13.6 | 13.9 | 352.4 | 252.4 | NA | NA | NA | NA | NA | NA |
| 9/26/2019 | 13.8 | 0.38 | 13.0 | 14.1 | 366.1 | 262.1 | NA | NA | NA | NA | NA | NA |
| 9/27/2019 | 13.9 | 0.30 | 13.1 | 14.1 | 380.0 | 272.0 | NA | NA | NA | NA | NA | NA |
| 9/28/2019 | 13.8 | 0.22 | 13.5 | 14.0 | 393.8 | 281.8 | NA | NA | NA | NA | NA | NA |
| 9/29/2019 | 13.9 | 0.05 | 13.9 | 14.0 | 407.8 | 291.8 | NA | NA | NA | NA | NA | NA |
| 9/30/2019 | 13.7 | 0.08 | 13.6 | 13.9 | 421.5 | 301.5 | NA | NA | NA | NA | NA | NA |

October

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/1/2019 | 13.6 | 0.26 | 12.9 | 13.8 | 13.6 | 9.6 | NA | NA | NA | NA | NA | NA |
| 10/2/2019 | 13.4 | 0.20 | 13.1 | 13.6 | 27.0 | 19.0 | NA | NA | NA | NA | NA | NA |
| 10/3/2019 | 13.2 | 0.13 | 13.0 | 13.4 | 40.2 | 28.2 | NA | NA | NA | NA | NA | NA |
| 10/4/2019 | 13.1 | 0.09 | 12.9 | 13.3 | 53.2 | 37.2 | NA | NA | NA | NA | NA | NA |
| 10/5/2019 | 12.5 | 0.19 | 12.4 | 13.0 | 65.8 | 45.8 | NA | NA | NA | NA | NA | NA |
| 10/6/2019 | 12.8 | 0.53 | 12.3 | 13.5 | 78.6 | 54.6 | NA | NA | NA | NA | NA | NA |
| 10/7/2019 | 13.2 | 0.25 | 12.7 | 13.5 | 91.8 | 63.8 | NA | NA | NA | NA | NA | NA |
| 10/8/2019 | 13.3 | 0.02 | 13.3 | 13.4 | 105.1 | 73.1 | NA | NA | NA | NA | NA | NA |
| 10/9/2019 | 13.4 | 0.07 | 13.2 | 13.4 | 118.5 | 82.5 | NA | NA | NA | NA | NA | NA |
| 10/10/2019 | 13.0 | 0.26 | 12.5 | 13.4 | 131.5 | 91.5 | NA | NA | NA | NA | NA | NA |
| 10/11/2019 | 12.8 | 0.27 | 12.4 | 13.1 | 144.4 | 100.4 | NA | NA | NA | NA | NA | NA |
| 10/12/2019 | 12.3 | 0.39 | 11.7 | 13.0 | 156.7 | 108.7 | NA | NA | NA | NA | NA | NA |
| 10/13/2019 | 12.2 | 0.29 | 11.8 | 12.7 | 168.9 | 116.9 | NA | NA | NA | NA | NA | NA |
| 10/14/2019 | 12.2 | 0.15 | 12.0 | 12.4 | 181.1 | 125.1 | NA | NA | NA | NA | NA | NA |
| 10/15/2019 | 12.3 | 0.10 | 12.1 | 12.4 | 193.4 | 133.4 | NA | NA | NA | NA | NA | NA |
| 10/16/2019 | 12.4 | 0.24 | 12.1 | 12.9 | 205.9 | 141.9 | NA | NA | NA | NA | NA | NA |
| 10/17/2019 | 12.1 | 0.66 | 10.4 | 12.7 | 218.0 | 150.0 | NA | NA | NA | NA | NA | NA |
| 10/18/2019 | 12.2 | 0.31 | 11.3 | 12.4 | 230.1 | 158.1 | NA | NA | NA | NA | NA | NA |
| 10/19/2019 | 12.4 | 0.05 | 12.2 | 12.4 | 242.5 | 166.5 | NA | NA | NA | NA | NA | NA |
| 10/20/2019 | 12.2 | 0.10 | 12.1 | 12.4 | 254.7 | 174.7 | NA | NA | NA | NA | NA | NA |
| 10/21/2019 | 12.0 | 0.06 | 11.9 | 12.1 | 266.7 | 182.7 | NA | NA | NA | NA | NA | NA |
| 10/22/2019 | 12.0 | 0.04 | 11.9 | 12.1 | 278.8 | 190.8 | NA | NA | NA | NA | NA | NA |
| 10/23/2019 | 11.9 | 0.10 | 11.7 | 12.0 | 290.7 | 198.7 | NA | NA | NA | NA | NA | NA |
| 10/24/2019 | 11.5 | 0.17 | 11.0 | 11.6 | 302.1 | 206.1 | NA | NA | NA | NA | NA | NA |
| 10/25/2019 | 11.4 | 0.13 | 11.2 | 11.6 | 313.5 | 213.5 | NA | NA | NA | NA | NA | NA |
| 10/26/2019 | 11.4 | 0.12 | 11.1 | 11.5 | 324.9 | 220.9 | NA | NA | NA | NA | NA | NA |
| 10/27/2019 | 11.0 | 0.10 | 10.9 | 11.2 | 335.9 | 227.9 | NA | NA | NA | NA | NA | NA |
| 10/28/2019 | 10.8 | 0.16 | 10.5 | 11.0 | 346.7 | 234.7 | NA | NA | NA | NA | NA | NA |
| 10/29/2019 | 10.7 | 0.08 | 10.6 | 10.9 | 357.4 | 241.4 | NA | NA | NA | NA | NA | NA |
| 10/30/2019 | 13.0 | 2.58 | 10.7 | 17.2 | 370.4 | 250.4 | NA | NA | NA | NA | NA | NA |

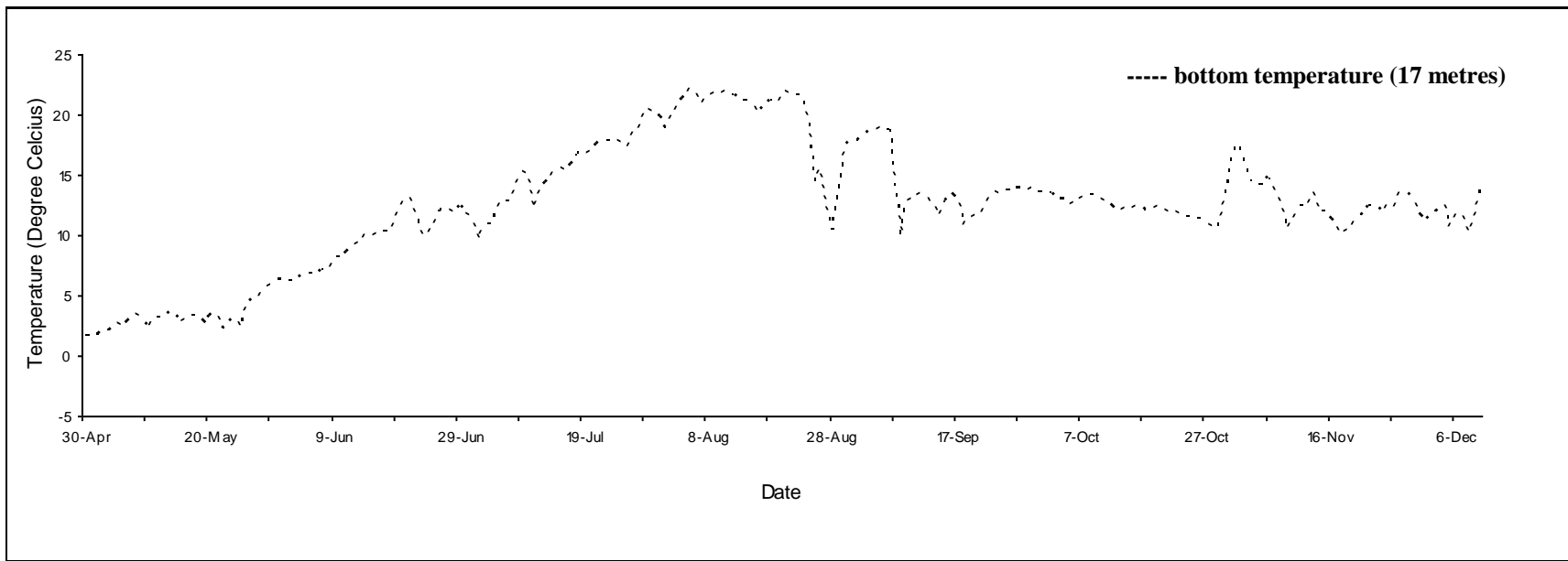
| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/31/2019 | 16.3 | 0.35 | 15.8 | 16.8 | 386.7 | 262.7 | NA | NA | NA | NA | NA | NA |

November

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 11/1/2019 | 17.7 | 0.84 | 16.8 | 19.4 | 17.7 | 13.7 | NA | NA | NA | NA | NA | NA |
| 11/2/2019 | 15.9 | 0.61 | 15.1 | 17.0 | 33.6 | 25.6 | NA | NA | NA | NA | NA | NA |
| 11/3/2019 | 14.6 | 0.41 | 14.1 | 15.6 | 48.2 | 36.2 | NA | NA | NA | NA | NA | NA |
| 11/4/2019 | 14.3 | 0.43 | 13.5 | 14.9 | 62.5 | 46.5 | NA | NA | NA | NA | NA | NA |
| 11/5/2019 | 14.3 | 0.99 | 12.6 | 15.6 | 76.8 | 56.8 | NA | NA | NA | NA | NA | NA |
| 11/6/2019 | 14.8 | 0.44 | 13.9 | 15.4 | 91.6 | 67.6 | NA | NA | NA | NA | NA | NA |
| 11/7/2019 | 13.5 | 0.40 | 12.9 | 14.3 | 105.1 | 77.1 | NA | NA | NA | NA | NA | NA |
| 11/8/2019 | 12.3 | 1.91 | 9.0 | 14.7 | 117.4 | 85.4 | NA | NA | NA | NA | NA | NA |
| 11/9/2019 | 10.6 | 1.01 | 8.9 | 11.6 | 128.0 | 92.0 | NA | NA | NA | NA | NA | NA |
| 11/10/2019 | 11.5 | 1.46 | 9.7 | 13.5 | 139.5 | 99.5 | NA | NA | NA | NA | NA | NA |
| 11/11/2019 | 12.4 | 0.47 | 11.7 | 13.1 | 151.9 | 107.9 | NA | NA | NA | NA | NA | NA |
| 11/12/2019 | 12.4 | 1.26 | 11.3 | 15.7 | 164.4 | 116.4 | NA | NA | NA | NA | NA | NA |
| 11/13/2019 | 13.7 | 1.87 | 11.1 | 16.1 | 178.0 | 126.0 | NA | NA | NA | NA | NA | NA |
| 11/14/2019 | 11.9 | 1.48 | 10.5 | 14.3 | 190.0 | 134.0 | NA | NA | NA | NA | NA | NA |
| 11/15/2019 | 12.0 | 0.54 | 11.4 | 13.4 | 202.0 | 142.0 | NA | NA | NA | NA | NA | NA |
| 11/16/2019 | 11.3 | 1.04 | 10.2 | 12.9 | 213.3 | 149.3 | NA | NA | NA | NA | NA | NA |
| 11/17/2019 | 10.4 | 0.39 | 10.0 | 11.3 | 223.7 | 155.7 | NA | NA | NA | NA | NA | NA |
| 11/18/2019 | 10.3 | 0.42 | 9.7 | 10.8 | 234.0 | 162.0 | NA | NA | NA | NA | NA | NA |
| 11/19/2019 | 10.8 | 0.96 | 9.7 | 12.1 | 244.8 | 168.8 | NA | NA | NA | NA | NA | NA |
| 11/20/2019 | 11.5 | 0.32 | 11.1 | 12.1 | 256.3 | 176.3 | NA | NA | NA | NA | NA | NA |
| 11/21/2019 | 11.7 | 0.73 | 10.8 | 12.8 | 268.0 | 184.0 | NA | NA | NA | NA | NA | NA |
| 11/22/2019 | 12.5 | 0.56 | 11.7 | 13.3 | 280.4 | 192.4 | NA | NA | NA | NA | NA | NA |
| 11/23/2019 | 12.6 | 0.46 | 11.9 | 13.3 | 293.1 | 201.1 | NA | NA | NA | NA | NA | NA |
| 11/24/2019 | 12.0 | 0.40 | 11.6 | 12.6 | 305.1 | 209.1 | NA | NA | NA | NA | NA | NA |
| 11/25/2019 | 12.6 | 0.62 | 11.8 | 13.6 | 317.7 | 217.7 | NA | NA | NA | NA | NA | NA |
| 11/26/2019 | 12.4 | 0.15 | 12.2 | 12.5 | 330.1 | 226.1 | NA | NA | NA | NA | NA | NA |
| 11/27/2019 | 13.7 | 0.50 | 12.5 | 14.4 | 343.8 | 235.8 | NA | NA | NA | NA | NA | NA |
| 11/28/2019 | 13.7 | 0.49 | 12.9 | 14.3 | 357.5 | 245.5 | NA | NA | NA | NA | NA | NA |
| 11/29/2019 | 13.1 | 0.59 | 12.2 | 14.0 | 370.5 | 254.5 | NA | NA | NA | NA | NA | NA |
| 11/30/2019 | 11.8 | 0.46 | 11.2 | 12.5 | 382.3 | 262.3 | NA | NA | NA | NA | NA | NA |

December

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 12/1/2019 | 11.2 | 0.46 | 10.8 | 11.9 | 11.2 | 7.2 | NA | NA | NA | NA | NA | NA |
| 12/2/2019 | 11.8 | 0.35 | 11.4 | 12.4 | 23.0 | 15.0 | NA | NA | NA | NA | NA | NA |
| 12/3/2019 | 12.0 | 0.57 | 11.4 | 13.2 | 35.0 | 23.0 | NA | NA | NA | NA | NA | NA |
| 12/4/2019 | 12.6 | 0.64 | 11.6 | 13.2 | 47.6 | 31.6 | NA | NA | NA | NA | NA | NA |
| 12/5/2019 | 10.7 | 1.27 | 8.4 | 11.8 | 58.3 | 38.3 | NA | NA | NA | NA | NA | NA |
| 12/6/2019 | 11.8 | 0.35 | 11.4 | 12.8 | 70.1 | 46.1 | NA | NA | NA | NA | NA | NA |
| 12/7/2019 | 11.8 | 0.83 | 10.6 | 13.1 | 81.9 | 53.9 | NA | NA | NA | NA | NA | NA |
| 12/8/2019 | 10.3 | 0.26 | 9.9 | 10.8 | 92.3 | 60.3 | NA | NA | NA | NA | NA | NA |
| 12/9/2019 | 11.5 | 0.90 | 10.6 | 12.7 | 103.8 | 67.8 | NA | NA | NA | NA | NA | NA |
| 12/10/2019 | 13.8 | 1.14 | 12.7 | 15.9 | 117.6 | 77.6 | NA | NA | NA | NA | NA | NA |



Daily mean temperature for Cheticamp, N.S., 2019.

Covehead 1, P.E.I.

2019

July

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/12/2019 | 16.0 | 0.56 | 14.4 | 16.4 | 16.0 | 12.0 | NA | NA | NA | NA | NA | NA |
| 7/13/2019 | 12.1 | 0.88 | 11.1 | 13.8 | 28.1 | 20.1 | NA | NA | NA | NA | NA | NA |
| 7/14/2019 | 12.3 | 0.51 | 11.8 | 13.7 | 40.4 | 28.4 | NA | NA | NA | NA | NA | NA |
| 7/15/2019 | 15.9 | 1.47 | 14.0 | 17.5 | 56.3 | 40.3 | NA | NA | NA | NA | NA | NA |
| 7/16/2019 | 16.8 | 0.35 | 16.2 | 17.4 | 73.1 | 53.1 | NA | NA | NA | NA | NA | NA |
| 7/17/2019 | 17.0 | 0.45 | 16.4 | 17.7 | 90.2 | 66.2 | NA | NA | NA | NA | NA | NA |
| 7/18/2019 | 18.0 | 0.26 | 17.6 | 18.3 | 108.1 | 80.1 | NA | NA | NA | NA | NA | NA |
| 7/19/2019 | 18.3 | 0.29 | 17.9 | 18.8 | 126.4 | 94.4 | NA | NA | NA | NA | NA | NA |
| 7/20/2019 | 18.2 | 0.45 | 17.7 | 18.9 | 144.7 | 108.7 | NA | NA | NA | NA | NA | NA |
| 7/21/2019 | 18.4 | 0.12 | 18.1 | 18.5 | 163.0 | 123.0 | NA | NA | NA | NA | NA | NA |
| 7/22/2019 | 19.4 | 0.59 | 18.6 | 20.2 | 182.4 | 138.4 | NA | NA | NA | NA | NA | NA |
| 7/23/2019 | 19.4 | 0.26 | 18.9 | 19.7 | 201.8 | 153.8 | NA | NA | NA | NA | NA | NA |
| 7/24/2019 | 18.8 | 0.30 | 18.2 | 19.3 | 220.6 | 168.6 | NA | NA | NA | NA | NA | NA |
| 7/25/2019 | 19.3 | 0.69 | 18.3 | 20.2 | 239.9 | 183.9 | NA | NA | NA | NA | NA | NA |
| 7/26/2019 | 19.9 | 0.32 | 19.3 | 20.3 | 259.9 | 199.9 | NA | NA | NA | NA | NA | NA |
| 7/27/2019 | 19.7 | 0.73 | 18.8 | 21.4 | 279.6 | 215.6 | NA | NA | NA | NA | NA | NA |
| 7/28/2019 | 18.8 | 0.40 | 18.2 | 19.5 | 298.4 | 230.4 | NA | NA | NA | NA | NA | NA |
| 7/29/2019 | 18.3 | 0.72 | 17.2 | 19.4 | 316.7 | 244.7 | NA | NA | NA | NA | NA | NA |
| 7/30/2019 | 19.4 | 1.18 | 17.9 | 20.8 | 336.2 | 260.2 | NA | NA | NA | NA | NA | NA |
| 7/31/2019 | 18.5 | 0.99 | 17.0 | 20.1 | 354.6 | 274.6 | NA | NA | NA | NA | NA | NA |

August

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/1/2019 | 21.1 | 0.59 | 20.0 | 21.7 | 21.1 | 17.1 | NA | NA | NA | NA | NA | NA |
| 8/2/2019 | 21.6 | 0.53 | 20.9 | 22.4 | 42.6 | 34.6 | NA | NA | NA | NA | NA | NA |
| 8/3/2019 | 21.8 | 0.16 | 21.6 | 22.1 | 64.4 | 52.4 | NA | NA | NA | NA | NA | NA |
| 8/4/2019 | 21.5 | 0.11 | 21.4 | 21.7 | 86.0 | 70.0 | NA | NA | NA | NA | NA | NA |
| 8/5/2019 | 21.6 | 0.12 | 21.3 | 21.7 | 107.5 | 87.5 | NA | NA | NA | NA | NA | NA |
| 8/6/2019 | 21.5 | 0.11 | 21.3 | 21.7 | 129.0 | 105.0 | NA | NA | NA | NA | NA | NA |
| 8/7/2019 | 21.5 | 0.13 | 21.4 | 21.7 | 150.5 | 122.5 | NA | NA | NA | NA | NA | NA |
| 8/8/2019 | 17.3 | 2.43 | 14.0 | 21.8 | 167.9 | 135.9 | NA | NA | NA | NA | NA | NA |
| 8/9/2019 | 12.2 | 0.99 | 11.1 | 14.2 | 180.0 | 144.0 | NA | NA | NA | NA | NA | NA |
| 8/10/2019 | 13.4 | 1.28 | 11.3 | 14.9 | 193.5 | 153.5 | NA | NA | NA | NA | NA | NA |
| 8/11/2019 | 17.7 | 2.26 | 14.7 | 20.0 | 211.2 | 167.2 | NA | NA | NA | NA | NA | NA |
| 8/12/2019 | 19.9 | 0.14 | 19.7 | 20.1 | 231.1 | 183.1 | NA | NA | NA | NA | NA | NA |
| 8/13/2019 | 19.8 | 0.11 | 19.7 | 20.0 | 251.0 | 199.0 | NA | NA | NA | NA | NA | NA |
| 8/14/2019 | 19.8 | 0.10 | 19.7 | 20.0 | 270.8 | 214.8 | NA | NA | NA | NA | NA | NA |
| 8/15/2019 | 19.5 | 0.31 | 18.9 | 19.9 | 290.3 | 230.3 | NA | NA | NA | NA | NA | NA |
| 8/16/2019 | 19.4 | 0.42 | 18.6 | 19.9 | 309.7 | 245.7 | NA | NA | NA | NA | NA | NA |
| 8/17/2019 | 17.9 | 0.27 | 17.4 | 18.4 | 327.6 | 259.6 | NA | NA | NA | NA | NA | NA |
| 8/18/2019 | 17.6 | 0.44 | 16.8 | 18.3 | 345.3 | 273.3 | NA | NA | NA | NA | NA | NA |
| 8/19/2019 | 17.2 | 0.55 | 16.5 | 18.2 | 362.4 | 286.4 | NA | NA | NA | NA | NA | NA |
| 8/20/2019 | 19.1 | 1.57 | 16.6 | 20.4 | 381.6 | 301.6 | NA | NA | NA | NA | NA | NA |
| 8/21/2019 | 20.2 | 0.17 | 20.0 | 20.5 | 401.7 | 317.7 | NA | NA | NA | NA | NA | NA |
| 8/22/2019 | 20.0 | 0.30 | 19.5 | 20.3 | 421.7 | 333.7 | NA | NA | NA | NA | NA | NA |
| 8/23/2019 | 20.4 | 0.49 | 19.7 | 21.0 | 442.1 | 350.1 | NA | NA | NA | NA | NA | NA |
| 8/24/2019 | 20.5 | 0.17 | 20.2 | 20.8 | 462.6 | 366.6 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/25/2019 | 19.9 | 0.17 | 19.7 | 20.1 | 482.5 | 382.5 | NA | NA | NA | NA | NA | NA |
| 8/26/2019 | 19.6 | 0.08 | 19.5 | 19.8 | 502.1 | 398.1 | NA | NA | NA | NA | NA | NA |
| 8/27/2019 | 19.2 | 0.23 | 19.0 | 19.6 | 521.4 | 413.4 | NA | NA | NA | NA | NA | NA |
| 8/28/2019 | 19.2 | 0.17 | 19.1 | 19.6 | 540.6 | 428.6 | NA | NA | NA | NA | NA | NA |
| 8/29/2019 | 18.7 | 0.85 | 16.4 | 19.2 | 559.3 | 443.3 | NA | NA | NA | NA | NA | NA |
| 8/30/2019 | 17.6 | 2.11 | 13.8 | 19.5 | 576.9 | 456.9 | NA | NA | NA | NA | NA | NA |
| 8/31/2019 | 19.3 | 0.14 | 19.0 | 19.5 | 596.1 | 472.1 | NA | NA | NA | NA | NA | NA |

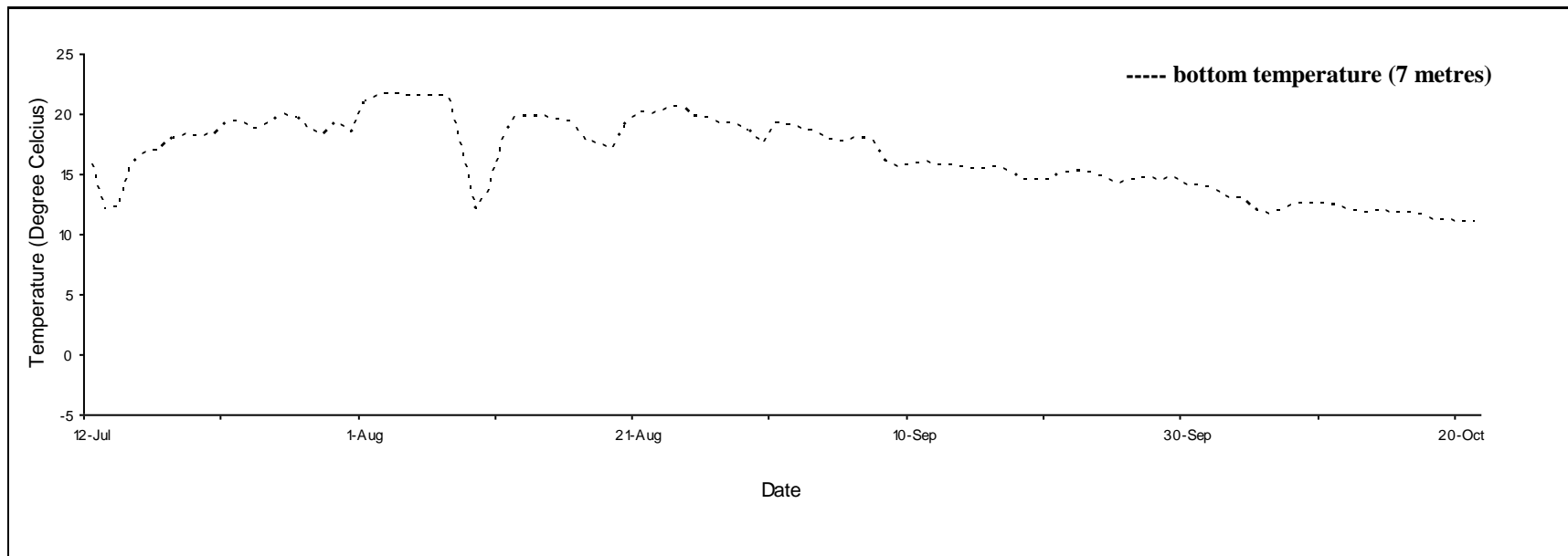
September

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/1/2019 | 19.0 | 0.07 | 19.0 | 19.2 | 19.0 | 15.0 | NA | NA | NA | NA | NA | NA |
| 9/2/2019 | 18.8 | 0.18 | 18.5 | 19.0 | 37.9 | 29.9 | NA | NA | NA | NA | NA | NA |
| 9/3/2019 | 18.6 | 0.29 | 18.0 | 18.9 | 56.4 | 44.4 | NA | NA | NA | NA | NA | NA |
| 9/4/2019 | 17.9 | 0.81 | 15.8 | 18.6 | 74.3 | 58.3 | NA | NA | NA | NA | NA | NA |
| 9/5/2019 | 17.7 | 0.93 | 16.1 | 18.5 | 92.0 | 72.0 | NA | NA | NA | NA | NA | NA |
| 9/6/2019 | 18.1 | 0.12 | 17.9 | 18.3 | 110.2 | 86.2 | NA | NA | NA | NA | NA | NA |
| 9/7/2019 | 17.8 | 0.20 | 17.4 | 18.1 | 128.0 | 100.0 | NA | NA | NA | NA | NA | NA |
| 9/8/2019 | 16.1 | 0.59 | 15.5 | 17.3 | 144.1 | 112.1 | NA | NA | NA | NA | NA | NA |
| 9/9/2019 | 15.6 | 0.09 | 15.5 | 15.8 | 159.7 | 123.7 | NA | NA | NA | NA | NA | NA |
| 9/10/2019 | 16.0 | 0.17 | 15.8 | 16.3 | 175.7 | 135.7 | NA | NA | NA | NA | NA | NA |
| 9/11/2019 | 16.0 | 0.05 | 15.9 | 16.1 | 191.7 | 147.7 | NA | NA | NA | NA | NA | NA |
| 9/12/2019 | 15.8 | 0.05 | 15.7 | 15.9 | 207.5 | 159.5 | NA | NA | NA | NA | NA | NA |
| 9/13/2019 | 15.7 | 0.09 | 15.6 | 15.8 | 223.2 | 171.2 | NA | NA | NA | NA | NA | NA |
| 9/14/2019 | 15.5 | 0.16 | 15.2 | 15.7 | 238.8 | 182.8 | NA | NA | NA | NA | NA | NA |
| 9/15/2019 | 15.4 | 0.23 | 15.0 | 15.7 | 254.2 | 194.2 | NA | NA | NA | NA | NA | NA |
| 9/16/2019 | 15.6 | 0.09 | 15.5 | 15.7 | 269.8 | 205.8 | NA | NA | NA | NA | NA | NA |
| 9/17/2019 | 15.2 | 0.19 | 14.9 | 15.6 | 285.1 | 217.1 | NA | NA | NA | NA | NA | NA |
| 9/18/2019 | 14.6 | 0.14 | 14.4 | 14.9 | 299.7 | 227.7 | NA | NA | NA | NA | NA | NA |
| 9/19/2019 | 14.5 | 0.12 | 14.4 | 14.7 | 314.2 | 238.2 | NA | NA | NA | NA | NA | NA |
| 9/20/2019 | 14.6 | 0.08 | 14.5 | 14.7 | 328.8 | 248.8 | NA | NA | NA | NA | NA | NA |
| 9/21/2019 | 15.1 | 0.36 | 14.6 | 15.6 | 343.8 | 259.8 | NA | NA | NA | NA | NA | NA |
| 9/22/2019 | 15.3 | 0.15 | 15.1 | 15.5 | 359.1 | 271.1 | NA | NA | NA | NA | NA | NA |
| 9/23/2019 | 15.1 | 0.05 | 15.1 | 15.2 | 374.3 | 282.3 | NA | NA | NA | NA | NA | NA |
| 9/24/2019 | 14.8 | 0.35 | 14.3 | 15.2 | 389.0 | 293.0 | NA | NA | NA | NA | NA | NA |
| 9/25/2019 | 14.3 | 0.55 | 13.3 | 15.0 | 403.3 | 303.3 | NA | NA | NA | NA | NA | NA |
| 9/26/2019 | 14.6 | 0.25 | 14.3 | 15.2 | 417.8 | 313.8 | NA | NA | NA | NA | NA | NA |
| 9/27/2019 | 14.6 | 0.12 | 14.5 | 14.8 | 432.4 | 324.4 | NA | NA | NA | NA | NA | NA |
| 9/28/2019 | 14.6 | 0.07 | 14.5 | 14.7 | 447.0 | 335.0 | NA | NA | NA | NA | NA | NA |
| 9/29/2019 | 14.7 | 0.14 | 14.4 | 14.9 | 461.7 | 345.7 | NA | NA | NA | NA | NA | NA |
| 9/30/2019 | 14.1 | 0.11 | 14.0 | 14.3 | 475.9 | 355.9 | NA | NA | NA | NA | NA | NA |

October

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/1/2019 | 14.1 | 0.03 | 14.0 | 14.1 | 14.1 | 10.1 | NA | NA | NA | NA | NA | NA |
| 10/2/2019 | 13.8 | 0.33 | 12.9 | 14.1 | 27.9 | 19.9 | NA | NA | NA | NA | NA | NA |
| 10/3/2019 | 13.0 | 0.24 | 12.6 | 13.3 | 40.9 | 28.9 | NA | NA | NA | NA | NA | NA |
| 10/4/2019 | 13.0 | 0.25 | 12.4 | 13.2 | 53.9 | 37.9 | NA | NA | NA | NA | NA | NA |
| 10/5/2019 | 11.9 | 0.27 | 11.4 | 12.4 | 65.8 | 45.8 | NA | NA | NA | NA | NA | NA |
| 10/6/2019 | 11.7 | 0.23 | 11.5 | 12.1 | 77.5 | 53.5 | NA | NA | NA | NA | NA | NA |
| 10/7/2019 | 12.1 | 0.16 | 11.9 | 12.4 | 89.7 | 61.7 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/8/2019 | 12.6 | 0.11 | 12.5 | 12.8 | 102.3 | 70.3 | NA | NA | NA | NA | NA | NA |
| 10/9/2019 | 12.6 | 0.05 | 12.5 | 12.7 | 114.9 | 78.9 | NA | NA | NA | NA | NA | NA |
| 10/10/2019 | 12.6 | 0.03 | 12.5 | 12.6 | 127.5 | 87.5 | NA | NA | NA | NA | NA | NA |
| 10/11/2019 | 12.4 | 0.03 | 12.4 | 12.5 | 139.9 | 95.9 | NA | NA | NA | NA | NA | NA |
| 10/12/2019 | 12.0 | 0.13 | 11.7 | 12.1 | 151.9 | 103.9 | NA | NA | NA | NA | NA | NA |
| 10/13/2019 | 11.9 | 0.12 | 11.6 | 12.0 | 163.8 | 111.8 | NA | NA | NA | NA | NA | NA |
| 10/14/2019 | 11.9 | 0.03 | 11.9 | 12.0 | 175.7 | 119.7 | NA | NA | NA | NA | NA | NA |
| 10/15/2019 | 11.9 | 0.06 | 11.8 | 11.9 | 187.6 | 127.6 | NA | NA | NA | NA | NA | NA |
| 10/16/2019 | 11.9 | 0.03 | 11.8 | 11.9 | 199.5 | 135.5 | NA | NA | NA | NA | NA | NA |
| 10/17/2019 | 11.7 | 0.14 | 11.5 | 11.9 | 211.2 | 143.2 | NA | NA | NA | NA | NA | NA |
| 10/18/2019 | 11.2 | 0.18 | 10.9 | 11.4 | 222.3 | 150.3 | NA | NA | NA | NA | NA | NA |
| 10/19/2019 | 11.3 | 0.04 | 11.2 | 11.3 | 233.6 | 157.6 | NA | NA | NA | NA | NA | NA |
| 10/20/2019 | 11.1 | 0.12 | 10.8 | 11.3 | 244.7 | 164.7 | NA | NA | NA | NA | NA | NA |
| 10/21/2019 | 11.1 | 0.13 | 10.9 | 11.3 | 255.8 | 171.8 | NA | NA | NA | NA | NA | NA |



Daily mean temperature for Covehead 1, P.E.I., 2019.

Covehead 2, P.E.I.

2019

April

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 4/30/2019 | 2.0 | 0.44 | 1.5 | 2.6 | 2.0 | 0.0 | NA | NA | NA | NA | NA | NA |

May

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 5/1/2019 | 2.7 | 0.16 | 2.4 | 3.0 | 2.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/2/2019 | 2.9 | 0.23 | 2.6 | 3.3 | 5.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/3/2019 | 3.1 | 0.23 | 2.8 | 3.4 | 8.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/4/2019 | 2.7 | 0.11 | 2.5 | 2.9 | 11.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/5/2019 | 2.6 | 0.12 | 2.5 | 2.8 | 14.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/6/2019 | 2.7 | 0.14 | 2.4 | 2.9 | 16.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/7/2019 | 2.3 | 0.15 | 2.0 | 2.5 | 19.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/8/2019 | 4.3 | 0.64 | 3.1 | 5.1 | 23.3 | 0.3 | NA | NA | NA | NA | NA | NA |
| 5/9/2019 | 5.3 | 0.16 | 5.0 | 5.5 | 28.6 | 1.6 | NA | NA | NA | NA | NA | NA |
| 5/10/2019 | 5.6 | 0.06 | 5.5 | 5.7 | 34.2 | 3.2 | NA | NA | NA | NA | NA | NA |
| 5/11/2019 | 5.5 | 0.26 | 5.2 | 6.0 | 39.7 | 4.8 | NA | NA | NA | NA | NA | NA |
| 5/12/2019 | 5.8 | 0.19 | 5.3 | 6.0 | 45.6 | 6.6 | NA | NA | NA | NA | NA | NA |
| 5/13/2019 | 5.2 | 0.27 | 5.0 | 5.9 | 50.8 | 7.8 | NA | NA | NA | NA | NA | NA |
| 5/14/2019 | 4.4 | 0.31 | 4.1 | 5.2 | 55.2 | 8.3 | NA | NA | NA | NA | NA | NA |
| 5/15/2019 | 3.5 | 0.83 | 2.5 | 5.4 | 58.7 | 8.3 | NA | NA | NA | NA | NA | NA |
| 5/16/2019 | 2.9 | 0.80 | 2.3 | 4.5 | 61.7 | 8.3 | NA | NA | NA | NA | NA | NA |
| 5/17/2019 | 4.2 | 0.30 | 3.8 | 4.8 | 65.9 | 8.5 | NA | NA | NA | NA | NA | NA |
| 5/18/2019 | 4.6 | 0.37 | 4.1 | 4.9 | 70.5 | 9.1 | NA | NA | NA | NA | NA | NA |
| 5/19/2019 | 4.7 | 0.06 | 4.7 | 4.8 | 75.2 | 9.8 | NA | NA | NA | NA | NA | NA |
| 5/20/2019 | 4.7 | 0.11 | 4.6 | 4.9 | 80.0 | 10.6 | NA | NA | NA | NA | NA | NA |
| 5/21/2019 | 4.5 | 0.14 | 4.2 | 4.8 | 84.5 | 11.1 | NA | NA | NA | NA | NA | NA |
| 5/22/2019 | 4.9 | 0.21 | 4.6 | 5.3 | 89.4 | 12.0 | NA | NA | NA | NA | NA | NA |
| 5/23/2019 | 5.0 | 0.13 | 4.9 | 5.3 | 94.4 | 13.0 | NA | NA | NA | NA | NA | NA |
| 5/24/2019 | 5.2 | 0.12 | 5.1 | 5.4 | 99.6 | 14.2 | NA | NA | NA | NA | NA | NA |
| 5/25/2019 | 5.0 | 0.07 | 4.9 | 5.2 | 104.6 | 15.2 | NA | NA | NA | NA | NA | NA |
| 5/26/2019 | 5.0 | 0.05 | 4.9 | 5.1 | 109.6 | 16.2 | NA | NA | NA | NA | NA | NA |
| 5/27/2019 | 4.8 | 0.14 | 4.6 | 5.0 | 114.4 | 17.0 | NA | NA | NA | NA | NA | NA |
| 5/28/2019 | 5.1 | 0.51 | 4.7 | 6.4 | 119.6 | 18.1 | NA | NA | NA | NA | NA | NA |
| 5/29/2019 | 5.1 | 0.16 | 4.9 | 5.5 | 124.6 | 19.2 | NA | NA | NA | NA | NA | NA |
| 5/30/2019 | 5.1 | 0.13 | 4.9 | 5.3 | 129.7 | 20.3 | NA | NA | NA | NA | NA | NA |
| 5/31/2019 | 4.5 | 0.35 | 4.0 | 5.1 | 134.2 | 20.8 | NA | NA | NA | NA | NA | NA |

June

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/1/2019 | 4.4 | 0.28 | 4.0 | 4.7 | 4.4 | 0.4 | NA | NA | NA | NA | NA | NA |
| 6/2/2019 | 4.6 | 0.54 | 3.8 | 5.7 | 9.0 | 1.0 | NA | NA | NA | NA | NA | NA |
| 6/3/2019 | 4.4 | 0.41 | 3.9 | 5.1 | 13.4 | 1.4 | NA | NA | NA | NA | NA | NA |
| 6/4/2019 | 5.5 | 0.47 | 4.9 | 6.2 | 18.9 | 2.9 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/5/2019 | 7.0 | 0.64 | 6.2 | 8.0 | 25.9 | 5.9 | NA | NA | NA | NA | NA | NA |
| 6/6/2019 | 7.6 | 0.42 | 6.8 | 8.1 | 33.5 | 9.5 | NA | NA | NA | NA | NA | NA |
| 6/7/2019 | 8.2 | 0.32 | 7.8 | 8.8 | 41.7 | 13.7 | NA | NA | NA | NA | NA | NA |
| 6/8/2019 | 9.2 | 0.80 | 8.3 | 10.4 | 50.8 | 18.8 | NA | NA | NA | NA | NA | NA |
| 6/9/2019 | 9.8 | 0.41 | 9.1 | 10.4 | 60.6 | 24.6 | NA | NA | NA | NA | NA | NA |
| 6/10/2019 | 10.0 | 0.25 | 9.5 | 10.3 | 70.6 | 30.6 | NA | NA | NA | NA | NA | NA |
| 6/11/2019 | 8.7 | 0.85 | 6.4 | 9.2 | 79.3 | 35.3 | NA | NA | NA | NA | NA | NA |
| 6/12/2019 | 10.2 | 1.70 | 7.0 | 11.4 | 89.5 | 41.5 | NA | NA | NA | NA | NA | NA |
| 6/13/2019 | 11.3 | 0.27 | 11.1 | 11.8 | 100.8 | 48.8 | NA | NA | NA | NA | NA | NA |
| 6/14/2019 | 9.9 | 1.54 | 7.3 | 11.5 | 110.7 | 54.7 | NA | NA | NA | NA | NA | NA |
| 6/15/2019 | 7.5 | 1.17 | 5.8 | 9.2 | 118.2 | 58.2 | NA | NA | NA | NA | NA | NA |
| 6/16/2019 | 8.8 | 0.69 | 7.6 | 9.7 | 127.0 | 63.0 | NA | NA | NA | NA | NA | NA |
| 6/17/2019 | 9.2 | 0.68 | 8.2 | 10.7 | 136.2 | 68.2 | NA | NA | NA | NA | NA | NA |
| 6/18/2019 | 10.5 | 0.93 | 9.3 | 12.1 | 146.7 | 74.7 | NA | NA | NA | NA | NA | NA |
| 6/19/2019 | 10.5 | 0.89 | 8.4 | 11.8 | 157.1 | 81.1 | NA | NA | NA | NA | NA | NA |
| 6/20/2019 | 11.2 | 1.23 | 10.1 | 13.7 | 168.3 | 88.3 | NA | NA | NA | NA | NA | NA |
| 6/21/2019 | 11.0 | 0.75 | 9.8 | 12.7 | 179.3 | 95.3 | NA | NA | NA | NA | NA | NA |
| 6/22/2019 | 13.4 | 0.24 | 13.0 | 13.8 | 192.7 | 104.7 | NA | NA | NA | NA | NA | NA |
| 6/23/2019 | 13.3 | 0.19 | 12.9 | 13.6 | 205.9 | 113.9 | NA | NA | NA | NA | NA | NA |
| 6/24/2019 | 13.5 | 0.17 | 13.2 | 13.7 | 219.4 | 123.4 | NA | NA | NA | NA | NA | NA |
| 6/25/2019 | 13.2 | 0.18 | 12.9 | 13.4 | 232.6 | 132.6 | NA | NA | NA | NA | NA | NA |
| 6/26/2019 | 12.9 | 0.06 | 12.8 | 13.0 | 245.5 | 141.5 | NA | NA | NA | NA | NA | NA |
| 6/27/2019 | 11.5 | 1.01 | 9.9 | 12.6 | 256.9 | 148.9 | NA | NA | NA | NA | NA | NA |
| 6/28/2019 | 9.6 | 0.35 | 9.0 | 10.1 | 266.6 | 154.6 | NA | NA | NA | NA | NA | NA |
| 6/29/2019 | 10.3 | 0.56 | 9.3 | 11.2 | 276.9 | 160.9 | NA | NA | NA | NA | NA | NA |
| 6/30/2019 | 10.9 | 0.22 | 10.4 | 11.2 | 287.8 | 167.8 | NA | NA | NA | NA | NA | NA |

July

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/1/2019 | 11.1 | 0.26 | 10.7 | 11.6 | 11.1 | 7.1 | NA | NA | NA | NA | NA | NA |
| 7/2/2019 | 12.4 | 0.87 | 10.7 | 13.6 | 23.5 | 15.5 | NA | NA | NA | NA | NA | NA |
| 7/3/2019 | 12.9 | 0.25 | 12.7 | 13.6 | 36.4 | 24.4 | NA | NA | NA | NA | NA | NA |
| 7/4/2019 | 12.8 | 0.33 | 12.3 | 13.3 | 49.2 | 33.2 | NA | NA | NA | NA | NA | NA |
| 7/5/2019 | 12.3 | 0.58 | 11.8 | 13.7 | 61.5 | 41.5 | NA | NA | NA | NA | NA | NA |
| 7/6/2019 | 12.1 | 1.30 | 10.9 | 15.3 | 73.6 | 49.6 | NA | NA | NA | NA | NA | NA |
| 7/7/2019 | 14.2 | 2.13 | 10.4 | 15.9 | 87.8 | 59.8 | NA | NA | NA | NA | NA | NA |
| 7/8/2019 | 14.8 | 0.84 | 13.3 | 15.8 | 102.7 | 70.7 | NA | NA | NA | NA | NA | NA |
| 7/9/2019 | 16.2 | 0.66 | 15.2 | 17.0 | 118.9 | 82.9 | NA | NA | NA | NA | NA | NA |
| 7/10/2019 | 16.0 | 1.39 | 13.2 | 17.1 | 134.9 | 94.9 | NA | NA | NA | NA | NA | NA |
| 7/11/2019 | 16.6 | 0.43 | 15.7 | 17.2 | 151.4 | 107.4 | NA | NA | NA | NA | NA | NA |
| 7/12/2019 | 14.1 | 1.48 | 11.6 | 15.6 | 165.6 | 117.6 | NA | NA | NA | NA | NA | NA |
| 7/13/2019 | 10.3 | 0.57 | 9.4 | 11.2 | 175.8 | 123.8 | NA | NA | NA | NA | NA | NA |
| 7/14/2019 | 9.8 | 0.27 | 9.5 | 10.2 | 185.6 | 129.6 | NA | NA | NA | NA | NA | NA |
| 7/15/2019 | 12.2 | 1.70 | 10.0 | 15.0 | 197.8 | 137.8 | NA | NA | NA | NA | NA | NA |
| 7/16/2019 | 15.2 | 1.48 | 13.2 | 16.9 | 213.0 | 149.0 | NA | NA | NA | NA | NA | NA |
| 7/17/2019 | 14.1 | 1.14 | 12.9 | 17.0 | 227.1 | 159.1 | NA | NA | NA | NA | NA | NA |
| 7/18/2019 | 16.1 | 1.40 | 13.4 | 17.8 | 243.2 | 171.2 | NA | NA | NA | NA | NA | NA |
| 7/19/2019 | 15.5 | 0.83 | 14.6 | 17.3 | 258.8 | 182.8 | NA | NA | NA | NA | NA | NA |
| 7/20/2019 | 16.8 | 1.23 | 15.3 | 18.4 | 275.6 | 195.6 | NA | NA | NA | NA | NA | NA |
| 7/21/2019 | 14.9 | 0.91 | 13.6 | 16.8 | 290.5 | 206.5 | NA | NA | NA | NA | NA | NA |
| 7/22/2019 | 15.7 | 1.03 | 14.5 | 17.5 | 306.2 | 218.2 | NA | NA | NA | NA | NA | NA |
| 7/23/2019 | 15.7 | 0.83 | 14.9 | 17.4 | 321.9 | 229.9 | NA | NA | NA | NA | NA | NA |
| 7/24/2019 | 15.1 | 0.51 | 14.1 | 15.7 | 337.0 | 241.0 | NA | NA | NA | NA | NA | NA |
| 7/25/2019 | 16.1 | 0.83 | 15.0 | 17.3 | 353.1 | 253.1 | NA | NA | NA | NA | NA | NA |
| 7/26/2019 | 16.2 | 0.71 | 14.7 | 17.5 | 369.3 | 265.3 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/27/2019 | 15.4 | 0.71 | 14.0 | 16.1 | 384.7 | 276.7 | NA | NA | NA | NA | NA | NA |
| 7/28/2019 | 14.7 | 0.71 | 13.6 | 15.6 | 399.5 | 287.5 | NA | NA | NA | NA | NA | NA |
| 7/29/2019 | 14.3 | 0.69 | 13.4 | 15.4 | 413.8 | 297.8 | NA | NA | NA | NA | NA | NA |
| 7/30/2019 | 14.9 | 0.76 | 13.3 | 16.0 | 428.7 | 308.7 | NA | NA | NA | NA | NA | NA |
| 7/31/2019 | 14.0 | 0.89 | 13.0 | 15.6 | 442.7 | 318.7 | NA | NA | NA | NA | NA | NA |

August

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/1/2019 | 15.7 | 1.53 | 13.5 | 18.5 | 15.7 | 11.7 | NA | NA | NA | NA | NA | NA |
| 8/2/2019 | 15.8 | 1.10 | 14.0 | 18.0 | 31.5 | 23.5 | NA | NA | NA | NA | NA | NA |
| 8/3/2019 | 18.4 | 1.82 | 16.0 | 21.6 | 49.9 | 37.9 | NA | NA | NA | NA | NA | NA |
| 8/4/2019 | 21.1 | 0.49 | 19.9 | 21.5 | 71.0 | 55.0 | NA | NA | NA | NA | NA | NA |
| 8/5/2019 | 21.3 | 0.28 | 20.7 | 21.6 | 92.3 | 72.3 | NA | NA | NA | NA | NA | NA |
| 8/6/2019 | 21.3 | 0.06 | 21.2 | 21.5 | 113.7 | 89.7 | NA | NA | NA | NA | NA | NA |
| 8/7/2019 | 18.2 | 3.02 | 13.7 | 21.3 | 131.9 | 103.9 | NA | NA | NA | NA | NA | NA |
| 8/8/2019 | 12.6 | 1.24 | 10.9 | 14.4 | 144.4 | 112.4 | NA | NA | NA | NA | NA | NA |
| 8/9/2019 | 10.6 | 0.55 | 9.9 | 11.8 | 155.0 | 119.0 | NA | NA | NA | NA | NA | NA |
| 8/10/2019 | 11.2 | 0.50 | 10.4 | 11.9 | 166.2 | 126.2 | NA | NA | NA | NA | NA | NA |
| 8/11/2019 | 14.6 | 3.35 | 11.6 | 20.0 | 180.8 | 136.8 | NA | NA | NA | NA | NA | NA |
| 8/12/2019 | 19.0 | 1.47 | 15.8 | 20.0 | 199.8 | 151.8 | NA | NA | NA | NA | NA | NA |
| 8/13/2019 | 19.6 | 0.14 | 19.3 | 19.8 | 219.5 | 167.5 | NA | NA | NA | NA | NA | NA |
| 8/14/2019 | 18.7 | 0.53 | 17.9 | 19.5 | 238.2 | 182.2 | NA | NA | NA | NA | NA | NA |
| 8/15/2019 | 17.4 | 0.49 | 16.4 | 18.0 | 255.6 | 195.6 | NA | NA | NA | NA | NA | NA |
| 8/16/2019 | 16.3 | 0.57 | 15.4 | 17.2 | 271.9 | 207.9 | NA | NA | NA | NA | NA | NA |
| 8/17/2019 | 15.3 | 0.67 | 14.2 | 16.3 | 287.2 | 219.2 | NA | NA | NA | NA | NA | NA |
| 8/18/2019 | 14.6 | 0.83 | 12.9 | 15.6 | 301.8 | 229.8 | NA | NA | NA | NA | NA | NA |
| 8/19/2019 | 13.6 | 0.67 | 12.5 | 14.9 | 315.4 | 239.4 | NA | NA | NA | NA | NA | NA |
| 8/20/2019 | 16.1 | 2.56 | 12.9 | 20.3 | 331.5 | 251.5 | NA | NA | NA | NA | NA | NA |
| 8/21/2019 | 18.0 | 1.66 | 14.4 | 19.9 | 349.5 | 265.5 | NA | NA | NA | NA | NA | NA |
| 8/22/2019 | 18.3 | 0.91 | 17.0 | 19.7 | 367.8 | 279.8 | NA | NA | NA | NA | NA | NA |
| 8/23/2019 | 17.5 | 1.52 | 15.5 | 19.7 | 385.4 | 293.4 | NA | NA | NA | NA | NA | NA |
| 8/24/2019 | 20.3 | 0.23 | 19.8 | 20.5 | 405.7 | 309.7 | NA | NA | NA | NA | NA | NA |
| 8/25/2019 | 19.6 | 0.13 | 19.4 | 19.9 | 425.3 | 325.3 | NA | NA | NA | NA | NA | NA |
| 8/26/2019 | 18.6 | 1.25 | 15.6 | 19.6 | 444.0 | 340.0 | NA | NA | NA | NA | NA | NA |
| 8/27/2019 | 18.7 | 1.14 | 15.8 | 19.4 | 462.6 | 354.6 | NA | NA | NA | NA | NA | NA |
| 8/28/2019 | 19.1 | 0.08 | 19.0 | 19.2 | 481.7 | 369.7 | NA | NA | NA | NA | NA | NA |
| 8/29/2019 | 16.0 | 3.34 | 11.6 | 19.1 | 497.7 | 381.7 | NA | NA | NA | NA | NA | NA |
| 8/30/2019 | 12.8 | 1.10 | 10.8 | 14.6 | 510.5 | 390.5 | NA | NA | NA | NA | NA | NA |
| 8/31/2019 | 16.2 | 2.42 | 12.7 | 19.4 | 526.7 | 402.7 | NA | NA | NA | NA | NA | NA |

September

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/1/2019 | 18.8 | 0.24 | 18.5 | 19.2 | 18.8 | 14.8 | NA | NA | NA | NA | NA | NA |
| 9/2/2019 | 17.7 | 1.30 | 14.0 | 18.9 | 36.6 | 28.6 | NA | NA | NA | NA | NA | NA |
| 9/3/2019 | 13.9 | 1.16 | 11.9 | 15.6 | 50.4 | 38.4 | NA | NA | NA | NA | NA | NA |
| 9/4/2019 | 14.4 | 1.32 | 12.0 | 16.3 | 64.9 | 48.9 | NA | NA | NA | NA | NA | NA |
| 9/5/2019 | 15.6 | 3.02 | 11.4 | 18.4 | 80.5 | 60.5 | NA | NA | NA | NA | NA | NA |
| 9/6/2019 | 18.2 | 0.08 | 18.0 | 18.3 | 98.7 | 74.7 | NA | NA | NA | NA | NA | NA |
| 9/7/2019 | 16.9 | 1.08 | 14.4 | 18.1 | 115.5 | 87.5 | NA | NA | NA | NA | NA | NA |
| 9/8/2019 | 16.1 | 0.48 | 15.5 | 17.0 | 131.6 | 99.6 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/9/2019 | 15.6 | 0.13 | 15.5 | 15.8 | 147.2 | 111.2 | NA | NA | NA | NA | NA | NA |
| 9/10/2019 | 15.9 | 0.08 | 15.8 | 16.0 | 163.1 | 123.1 | NA | NA | NA | NA | NA | NA |
| 9/11/2019 | 15.8 | 0.10 | 15.7 | 15.9 | 178.9 | 134.9 | NA | NA | NA | NA | NA | NA |
| 9/12/2019 | 15.8 | 0.07 | 15.8 | 16.0 | 194.7 | 146.7 | NA | NA | NA | NA | NA | NA |
| 9/13/2019 | 15.7 | 0.08 | 15.6 | 15.9 | 210.4 | 158.4 | NA | NA | NA | NA | NA | NA |
| 9/14/2019 | 15.4 | 0.33 | 14.9 | 15.8 | 225.8 | 169.8 | NA | NA | NA | NA | NA | NA |
| 9/15/2019 | 14.2 | 0.60 | 13.3 | 15.2 | 240.0 | 180.0 | NA | NA | NA | NA | NA | NA |
| 9/16/2019 | 15.1 | 0.70 | 13.8 | 15.7 | 255.1 | 191.1 | NA | NA | NA | NA | NA | NA |
| 9/17/2019 | 15.3 | 0.16 | 15.1 | 15.6 | 270.4 | 202.4 | NA | NA | NA | NA | NA | NA |
| 9/18/2019 | 14.8 | 0.12 | 14.7 | 15.0 | 285.3 | 213.3 | NA | NA | NA | NA | NA | NA |
| 9/19/2019 | 14.7 | 0.15 | 14.4 | 14.9 | 300.0 | 224.0 | NA | NA | NA | NA | NA | NA |
| 9/20/2019 | 14.3 | 0.13 | 14.1 | 14.5 | 314.2 | 234.2 | NA | NA | NA | NA | NA | NA |
| 9/21/2019 | 14.6 | 0.28 | 14.1 | 15.0 | 328.8 | 244.8 | NA | NA | NA | NA | NA | NA |
| 9/22/2019 | 14.8 | 0.10 | 14.7 | 15.0 | 343.6 | 255.6 | NA | NA | NA | NA | NA | NA |
| 9/23/2019 | 14.9 | 0.06 | 14.9 | 15.0 | 358.6 | 266.6 | NA | NA | NA | NA | NA | NA |
| 9/24/2019 | 14.5 | 0.22 | 14.3 | 14.9 | 373.1 | 277.1 | NA | NA | NA | NA | NA | NA |
| 9/25/2019 | 13.3 | 0.72 | 12.5 | 14.9 | 386.4 | 286.4 | NA | NA | NA | NA | NA | NA |
| 9/26/2019 | 14.5 | 0.28 | 14.2 | 15.1 | 400.9 | 296.9 | NA | NA | NA | NA | NA | NA |
| 9/27/2019 | 14.6 | 0.11 | 14.4 | 14.7 | 415.5 | 307.5 | NA | NA | NA | NA | NA | NA |
| 9/28/2019 | 14.5 | 0.17 | 14.2 | 14.7 | 430.0 | 318.0 | NA | NA | NA | NA | NA | NA |
| 9/29/2019 | 14.6 | 0.17 | 14.3 | 14.8 | 444.6 | 328.6 | NA | NA | NA | NA | NA | NA |
| 9/30/2019 | 14.2 | 0.09 | 14.1 | 14.4 | 458.7 | 338.7 | NA | NA | NA | NA | NA | NA |

October

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/1/2019 | 14.1 | 0.02 | 14.1 | 14.1 | 14.1 | 10.1 | NA | NA | NA | NA | NA | NA |
| 10/2/2019 | 13.8 | 0.25 | 13.1 | 14.1 | 27.9 | 19.9 | NA | NA | NA | NA | NA | NA |
| 10/3/2019 | 13.2 | 0.15 | 12.8 | 13.3 | 41.1 | 29.1 | NA | NA | NA | NA | NA | NA |
| 10/4/2019 | 13.1 | 0.14 | 12.9 | 13.3 | 54.2 | 38.2 | NA | NA | NA | NA | NA | NA |
| 10/5/2019 | 12.2 | 0.38 | 11.4 | 12.7 | 66.4 | 46.4 | NA | NA | NA | NA | NA | NA |
| 10/6/2019 | 11.8 | 0.21 | 11.5 | 12.2 | 78.1 | 54.1 | NA | NA | NA | NA | NA | NA |
| 10/7/2019 | 12.4 | 0.32 | 11.8 | 12.7 | 90.5 | 62.5 | NA | NA | NA | NA | NA | NA |
| 10/8/2019 | 12.6 | 0.08 | 12.5 | 12.7 | 103.1 | 71.1 | NA | NA | NA | NA | NA | NA |
| 10/9/2019 | 12.6 | 0.05 | 12.5 | 12.6 | 115.7 | 79.7 | NA | NA | NA | NA | NA | NA |
| 10/10/2019 | 12.5 | 0.02 | 12.5 | 12.5 | 128.2 | 88.2 | NA | NA | NA | NA | NA | NA |
| 10/11/2019 | 12.2 | 0.08 | 12.1 | 12.4 | 140.4 | 96.4 | NA | NA | NA | NA | NA | NA |
| 10/12/2019 | 11.9 | 0.21 | 11.4 | 12.1 | 152.3 | 104.3 | NA | NA | NA | NA | NA | NA |
| 10/13/2019 | 11.8 | 0.27 | 11.3 | 12.0 | 164.0 | 112.0 | NA | NA | NA | NA | NA | NA |
| 10/14/2019 | 11.9 | 0.02 | 11.9 | 11.9 | 175.9 | 119.9 | NA | NA | NA | NA | NA | NA |
| 10/15/2019 | 11.8 | 0.11 | 11.6 | 11.9 | 187.7 | 127.7 | NA | NA | NA | NA | NA | NA |
| 10/16/2019 | 11.8 | 0.05 | 11.8 | 11.9 | 199.5 | 135.5 | NA | NA | NA | NA | NA | NA |
| 10/17/2019 | 11.6 | 0.24 | 11.2 | 11.9 | 211.1 | 143.1 | NA | NA | NA | NA | NA | NA |
| 10/18/2019 | 10.7 | 0.33 | 10.3 | 11.1 | 221.8 | 149.8 | NA | NA | NA | NA | NA | NA |
| 10/19/2019 | 11.3 | 0.09 | 11.1 | 11.4 | 233.1 | 157.1 | NA | NA | NA | NA | NA | NA |
| 10/20/2019 | 11.2 | 0.05 | 11.1 | 11.3 | 244.3 | 164.3 | NA | NA | NA | NA | NA | NA |
| 10/21/2019 | 11.1 | 0.05 | 11.1 | 11.2 | 255.4 | 171.4 | NA | NA | NA | NA | NA | NA |
| 10/22/2019 | 11.1 | 0.08 | 11.0 | 11.3 | 266.6 | 178.6 | NA | NA | NA | NA | NA | NA |
| 10/23/2019 | 11.0 | 0.17 | 10.6 | 11.2 | 277.6 | 185.6 | NA | NA | NA | NA | NA | NA |
| 10/24/2019 | 10.5 | 0.36 | 9.8 | 10.8 | 288.1 | 192.1 | NA | NA | NA | NA | NA | NA |
| 10/25/2019 | 10.8 | 0.02 | 10.8 | 10.9 | 299.0 | 199.0 | NA | NA | NA | NA | NA | NA |
| 10/26/2019 | 10.7 | 0.10 | 10.5 | 10.8 | 309.6 | 205.6 | NA | NA | NA | NA | NA | NA |
| 10/27/2019 | 10.3 | 0.07 | 10.2 | 10.5 | 320.0 | 212.0 | NA | NA | NA | NA | NA | NA |
| 10/28/2019 | 10.3 | 0.16 | 10.1 | 10.6 | 330.3 | 218.3 | NA | NA | NA | NA | NA | NA |
| 10/29/2019 | 10.2 | 0.13 | 10.1 | 10.5 | 340.5 | 224.5 | NA | NA | NA | NA | NA | NA |
| 10/30/2019 | 10.2 | 0.10 | 10.0 | 10.3 | 350.7 | 230.7 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/31/2019 | 10.4 | 0.05 | 10.3 | 10.4 | 361.0 | 237.0 | NA | NA | NA | NA | NA | NA |

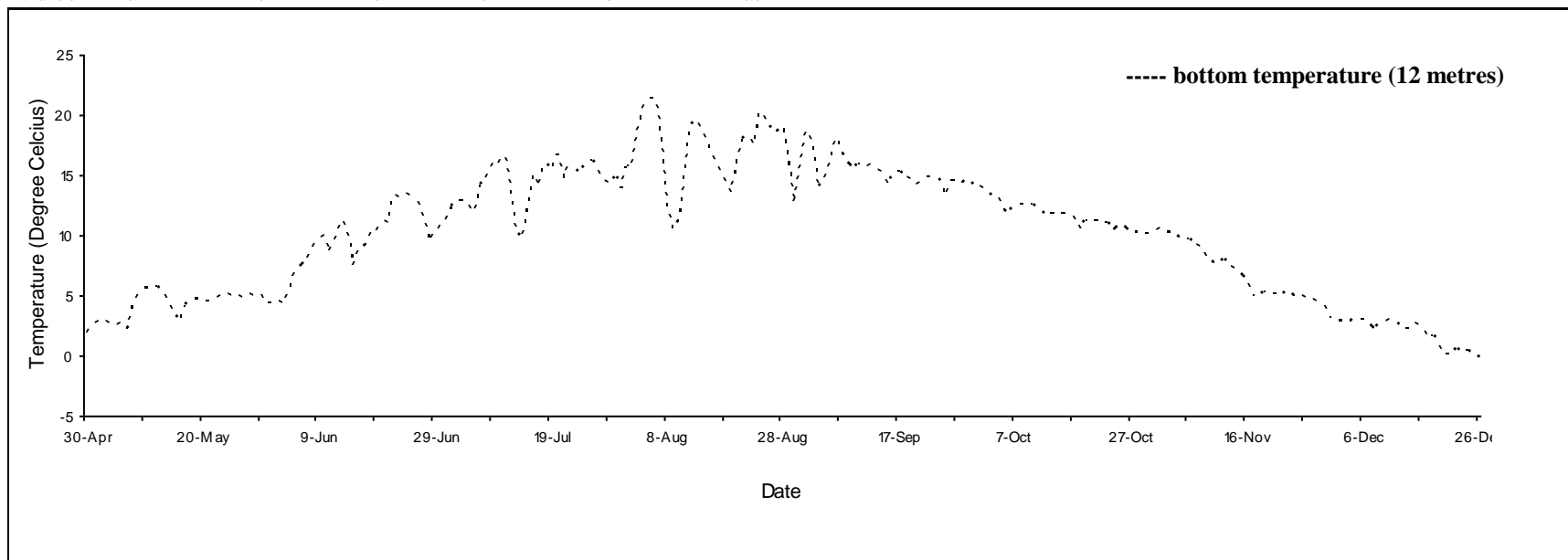
November

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 11/1/2019 | 10.6 | 0.17 | 10.5 | 10.9 | 10.6 | 6.6 | NA | NA | NA | NA | NA | NA |
| 11/2/2019 | 10.3 | 0.15 | 10.2 | 10.6 | 20.9 | 12.9 | NA | NA | NA | NA | NA | NA |
| 11/3/2019 | 10.3 | 0.04 | 10.2 | 10.3 | 31.2 | 19.2 | NA | NA | NA | NA | NA | NA |
| 11/4/2019 | 9.9 | 0.12 | 9.8 | 10.1 | 41.1 | 25.1 | NA | NA | NA | NA | NA | NA |
| 11/5/2019 | 9.7 | 0.08 | 9.6 | 9.8 | 50.8 | 30.8 | NA | NA | NA | NA | NA | NA |
| 11/6/2019 | 9.7 | 0.15 | 9.5 | 9.9 | 60.5 | 36.5 | NA | NA | NA | NA | NA | NA |
| 11/7/2019 | 9.3 | 0.15 | 9.0 | 9.5 | 69.8 | 41.8 | NA | NA | NA | NA | NA | NA |
| 11/8/2019 | 9.0 | 0.07 | 8.9 | 9.1 | 78.8 | 46.8 | NA | NA | NA | NA | NA | NA |
| 11/9/2019 | 8.2 | 0.43 | 7.4 | 9.0 | 86.9 | 50.9 | NA | NA | NA | NA | NA | NA |
| 11/10/2019 | 7.7 | 0.33 | 7.2 | 8.1 | 94.6 | 54.6 | NA | NA | NA | NA | NA | NA |
| 11/11/2019 | 7.7 | 0.43 | 7.2 | 8.4 | 102.4 | 58.4 | NA | NA | NA | NA | NA | NA |
| 11/12/2019 | 8.0 | 0.25 | 7.4 | 8.3 | 110.4 | 62.4 | NA | NA | NA | NA | NA | NA |
| 11/13/2019 | 7.8 | 0.42 | 7.2 | 8.3 | 118.2 | 66.2 | NA | NA | NA | NA | NA | NA |
| 11/14/2019 | 7.0 | 0.18 | 6.8 | 7.2 | 125.1 | 69.1 | NA | NA | NA | NA | NA | NA |
| 11/15/2019 | 6.6 | 0.19 | 6.2 | 6.9 | 131.8 | 71.8 | NA | NA | NA | NA | NA | NA |
| 11/16/2019 | 6.1 | 0.17 | 5.9 | 6.4 | 137.9 | 73.9 | NA | NA | NA | NA | NA | NA |
| 11/17/2019 | 5.1 | 0.13 | 4.9 | 5.3 | 143.0 | 75.0 | NA | NA | NA | NA | NA | NA |
| 11/18/2019 | 5.1 | 0.10 | 4.9 | 5.2 | 148.0 | 76.0 | NA | NA | NA | NA | NA | NA |
| 11/19/2019 | 5.3 | 0.23 | 5.0 | 5.7 | 153.3 | 77.3 | NA | NA | NA | NA | NA | NA |
| 11/20/2019 | 5.2 | 0.22 | 4.9 | 5.7 | 158.5 | 78.5 | NA | NA | NA | NA | NA | NA |
| 11/21/2019 | 5.2 | 0.11 | 5.1 | 5.3 | 163.7 | 79.7 | NA | NA | NA | NA | NA | NA |
| 11/22/2019 | 5.0 | 0.22 | 4.9 | 5.6 | 168.8 | 80.8 | NA | NA | NA | NA | NA | NA |
| 11/23/2019 | 5.4 | 0.21 | 5.1 | 5.7 | 174.2 | 82.2 | NA | NA | NA | NA | NA | NA |
| 11/24/2019 | 5.0 | 0.10 | 4.8 | 5.2 | 179.2 | 83.2 | NA | NA | NA | NA | NA | NA |
| 11/25/2019 | 5.0 | 0.13 | 4.8 | 5.2 | 184.1 | 84.1 | NA | NA | NA | NA | NA | NA |
| 11/26/2019 | 4.9 | 0.12 | 4.7 | 5.0 | 189.0 | 85.0 | NA | NA | NA | NA | NA | NA |
| 11/27/2019 | 4.7 | 0.28 | 4.3 | 5.1 | 193.7 | 85.7 | NA | NA | NA | NA | NA | NA |
| 11/28/2019 | 4.5 | 0.10 | 4.4 | 4.7 | 198.2 | 86.2 | NA | NA | NA | NA | NA | NA |
| 11/29/2019 | 4.3 | 0.29 | 3.7 | 4.7 | 202.5 | 86.5 | NA | NA | NA | NA | NA | NA |
| 11/30/2019 | 3.2 | 0.24 | 2.7 | 3.5 | 205.7 | 86.5 | NA | NA | NA | NA | NA | NA |

December

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 12/1/2019 | 3.1 | 0.22 | 2.7 | 3.3 | 3.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/2/2019 | 2.9 | 0.17 | 2.7 | 3.2 | 6.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/3/2019 | 2.7 | 0.34 | 2.3 | 3.5 | 8.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/4/2019 | 2.8 | 0.36 | 2.4 | 3.6 | 11.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/5/2019 | 3.1 | 0.07 | 3.0 | 3.2 | 14.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/6/2019 | 3.0 | 0.14 | 2.8 | 3.2 | 17.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/7/2019 | 2.5 | 0.11 | 2.4 | 2.8 | 20.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/8/2019 | 2.1 | 0.14 | 1.9 | 2.4 | 22.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/9/2019 | 2.8 | 0.21 | 2.3 | 2.9 | 25.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/10/2019 | 2.9 | 0.11 | 2.6 | 3.0 | 27.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/11/2019 | 3.1 | 0.06 | 2.9 | 3.1 | 30.9 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/12/2019 | 2.6 | 0.18 | 2.4 | 3.0 | 33.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/13/2019 | 2.2 | 0.18 | 1.9 | 2.4 | 35.7 | 0.0 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 12/14/2019 | 2.3 | 0.06 | 2.3 | 2.5 | 38.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/15/2019 | 2.7 | 0.07 | 2.6 | 2.8 | 40.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/16/2019 | 2.3 | 0.19 | 2.0 | 2.6 | 43.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/17/2019 | 1.5 | 0.25 | 1.1 | 1.9 | 44.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/18/2019 | 1.7 | 0.08 | 1.5 | 1.8 | 46.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/19/2019 | 0.9 | 0.31 | 0.5 | 1.6 | 47.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/20/2019 | 0.2 | 0.20 | 0.0 | 0.6 | 47.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/21/2019 | 0.2 | 0.18 | -0.1 | 0.5 | 47.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/22/2019 | 0.5 | 0.11 | 0.3 | 0.7 | 48.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/23/2019 | 0.3 | 0.23 | 0.1 | 0.8 | 48.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/24/2019 | 0.4 | 0.11 | 0.3 | 0.6 | 48.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/25/2019 | 0.2 | 0.05 | 0.2 | 0.3 | 49.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/26/2019 | -0.1 | 0.21 | -0.4 | 0.2 | 49.1 | 0.0 | NA | NA | NA | NA | NA | NA |



Daily mean temperature for Covehead 2, P.E.I., 2019.

East Point Reef, P.E.I.

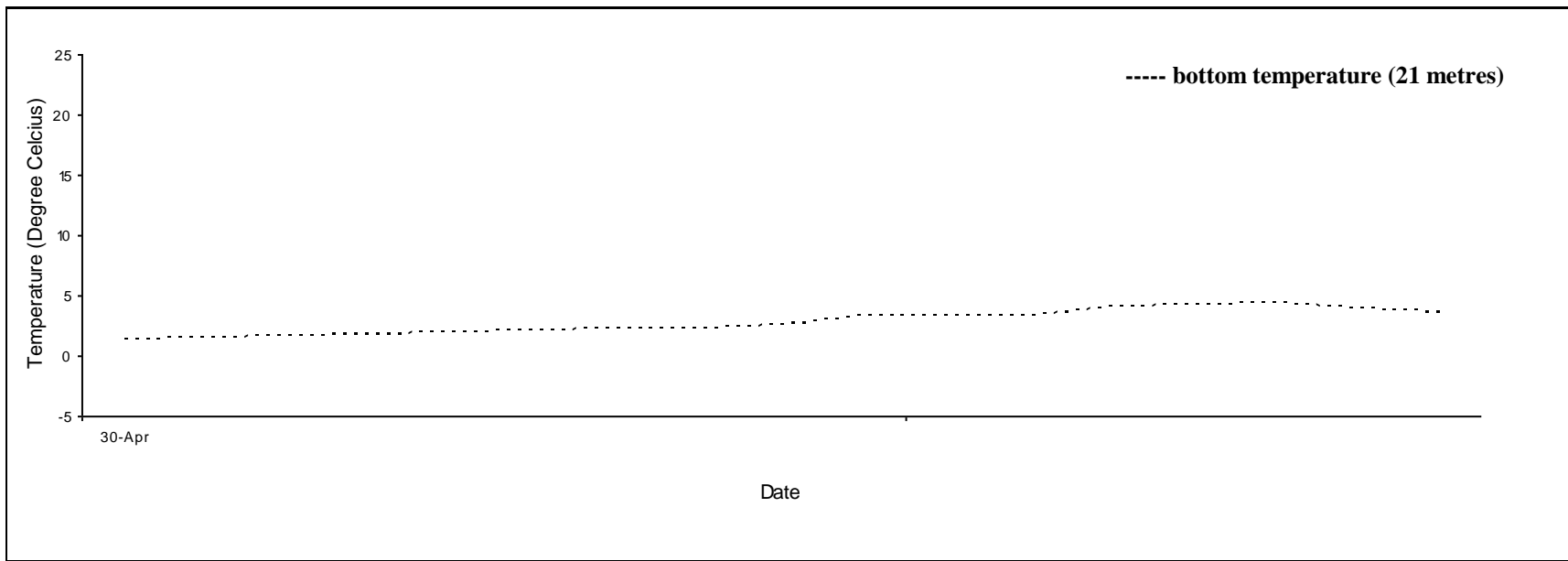
2019

April

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 4/30/2019 | 1.4 | 0.15 | 1.2 | 1.6 | 1.4 | 0.0 | NA | NA | NA | NA | NA | NA |

May

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 5/1/2019 | 1.5 | 0.18 | 1.2 | 1.7 | 1.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/2/2019 | 1.6 | 0.14 | 1.4 | 1.8 | 3.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/3/2019 | 1.8 | 0.15 | 1.6 | 2.0 | 4.9 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/4/2019 | 2.0 | 0.14 | 1.8 | 2.2 | 6.9 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/5/2019 | 2.1 | 0.17 | 1.9 | 2.4 | 9.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/6/2019 | 2.3 | 0.28 | 1.9 | 2.8 | 11.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/7/2019 | 2.3 | 0.50 | 1.6 | 3.3 | 13.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/8/2019 | 2.6 | 0.45 | 1.6 | 3.2 | 16.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/9/2019 | 3.3 | 0.31 | 2.9 | 4.0 | 19.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/10/2019 | 3.3 | 0.29 | 2.8 | 3.7 | 22.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/11/2019 | 3.3 | 0.28 | 2.9 | 3.7 | 26.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/12/2019 | 4.2 | 0.30 | 3.6 | 4.6 | 30.2 | 0.2 | NA | NA | NA | NA | NA | NA |
| 5/13/2019 | 4.2 | 0.33 | 3.7 | 4.7 | 34.4 | 0.3 | NA | NA | NA | NA | NA | NA |
| 5/14/2019 | 4.5 | 0.12 | 4.3 | 4.6 | 38.8 | 0.8 | NA | NA | NA | NA | NA | NA |
| 5/15/2019 | 4.0 | 0.61 | 3.0 | 4.7 | 42.9 | 0.8 | NA | NA | NA | NA | NA | NA |
| 5/16/2019 | 3.7 | 0.51 | 2.9 | 4.5 | 46.5 | 0.8 | NA | NA | NA | NA | NA | NA |



Daily mean temperature for East Point Reef, P.E.I., 2019.

Egmont Bay, P.E.I.

2019

July

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/10/2019 | 18.4 | 0.26 | 18.0 | 18.7 | 18.4 | 14.4 | NA | NA | NA | NA | NA | NA |
| 7/11/2019 | 18.6 | 0.14 | 18.3 | 18.7 | 36.9 | 28.9 | NA | NA | NA | NA | NA | NA |
| 7/12/2019 | 18.3 | 0.16 | 18.0 | 18.5 | 55.2 | 43.2 | NA | NA | NA | NA | NA | NA |
| 7/13/2019 | 18.1 | 0.18 | 17.8 | 18.3 | 73.3 | 57.3 | NA | NA | NA | NA | NA | NA |
| 7/14/2019 | 18.4 | 0.17 | 18.1 | 18.6 | 91.7 | 71.7 | NA | NA | NA | NA | NA | NA |
| 7/15/2019 | 18.5 | 0.10 | 18.4 | 18.7 | 110.3 | 86.3 | NA | NA | NA | NA | NA | NA |
| 7/16/2019 | 18.7 | 0.21 | 18.5 | 19.1 | 129.0 | 101.0 | NA | NA | NA | NA | NA | NA |
| 7/17/2019 | 19.0 | 0.11 | 18.8 | 19.2 | 148.0 | 116.0 | NA | NA | NA | NA | NA | NA |
| 7/18/2019 | 19.3 | 0.17 | 19.1 | 19.6 | 167.3 | 131.3 | NA | NA | NA | NA | NA | NA |
| 7/19/2019 | 19.4 | 0.11 | 19.2 | 19.5 | 186.6 | 146.6 | NA | NA | NA | NA | NA | NA |
| 7/20/2019 | 19.4 | 0.13 | 19.1 | 19.6 | 206.0 | 162.0 | NA | NA | NA | NA | NA | NA |
| 7/21/2019 | 19.7 | 0.13 | 19.5 | 19.9 | 225.6 | 177.6 | NA | NA | NA | NA | NA | NA |
| 7/22/2019 | 19.8 | 0.17 | 19.6 | 20.1 | 245.5 | 193.5 | NA | NA | NA | NA | NA | NA |
| 7/23/2019 | 20.1 | 0.11 | 19.9 | 20.3 | 265.6 | 209.6 | NA | NA | NA | NA | NA | NA |
| 7/24/2019 | 20.3 | 0.12 | 20.1 | 20.5 | 285.8 | 225.8 | NA | NA | NA | NA | NA | NA |
| 7/25/2019 | 20.5 | 0.15 | 20.3 | 20.9 | 306.4 | 242.4 | NA | NA | NA | NA | NA | NA |
| 7/26/2019 | 20.3 | 0.22 | 19.8 | 20.6 | 326.6 | 258.6 | NA | NA | NA | NA | NA | NA |
| 7/27/2019 | 20.2 | 0.31 | 19.7 | 20.6 | 346.9 | 274.9 | NA | NA | NA | NA | NA | NA |
| 7/28/2019 | 20.1 | 0.22 | 19.8 | 20.5 | 367.0 | 291.0 | NA | NA | NA | NA | NA | NA |
| 7/29/2019 | 20.0 | 0.23 | 19.7 | 20.4 | 387.0 | 307.0 | NA | NA | NA | NA | NA | NA |
| 7/30/2019 | 20.4 | 0.29 | 20.0 | 20.9 | 407.3 | 323.3 | NA | NA | NA | NA | NA | NA |
| 7/31/2019 | 20.8 | 0.39 | 20.3 | 21.6 | 428.2 | 340.2 | NA | NA | NA | NA | NA | NA |

August

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/1/2019 | 21.3 | 0.24 | 21.0 | 21.9 | 21.3 | 17.3 | NA | NA | NA | NA | NA | NA |
| 8/2/2019 | 21.4 | 0.19 | 21.1 | 21.8 | 42.7 | 34.7 | NA | NA | NA | NA | NA | NA |
| 8/3/2019 | 21.3 | 0.24 | 20.8 | 21.7 | 63.9 | 51.9 | NA | NA | NA | NA | NA | NA |
| 8/4/2019 | 21.1 | 0.28 | 20.8 | 21.5 | 85.1 | 69.1 | NA | NA | NA | NA | NA | NA |
| 8/5/2019 | 20.9 | 0.23 | 20.5 | 21.2 | 106.0 | 86.0 | NA | NA | NA | NA | NA | NA |
| 8/6/2019 | 20.9 | 0.42 | 20.5 | 21.6 | 126.9 | 102.9 | NA | NA | NA | NA | NA | NA |
| 8/7/2019 | 20.4 | 0.23 | 20.0 | 20.8 | 147.3 | 119.3 | NA | NA | NA | NA | NA | NA |
| 8/8/2019 | 20.1 | 0.11 | 19.9 | 20.3 | 167.4 | 135.4 | NA | NA | NA | NA | NA | NA |
| 8/9/2019 | 20.2 | 0.19 | 20.0 | 20.6 | 187.6 | 151.6 | NA | NA | NA | NA | NA | NA |
| 8/10/2019 | 20.5 | 0.06 | 20.4 | 20.6 | 208.1 | 168.1 | NA | NA | NA | NA | NA | NA |
| 8/11/2019 | 20.3 | 0.11 | 20.1 | 20.4 | 228.4 | 184.4 | NA | NA | NA | NA | NA | NA |
| 8/12/2019 | 20.1 | 0.09 | 20.0 | 20.2 | 248.5 | 200.5 | NA | NA | NA | NA | NA | NA |
| 8/13/2019 | 20.1 | 0.15 | 20.0 | 20.4 | 268.6 | 216.6 | NA | NA | NA | NA | NA | NA |
| 8/14/2019 | 20.3 | 0.28 | 20.1 | 20.8 | 289.0 | 233.0 | NA | NA | NA | NA | NA | NA |
| 8/15/2019 | 20.7 | 0.25 | 20.4 | 21.3 | 309.7 | 249.7 | NA | NA | NA | NA | NA | NA |
| 8/16/2019 | 20.9 | 0.10 | 20.7 | 21.1 | 330.5 | 266.5 | NA | NA | NA | NA | NA | NA |
| 8/17/2019 | 20.7 | 0.13 | 20.5 | 21.0 | 351.2 | 283.2 | NA | NA | NA | NA | NA | NA |
| 8/18/2019 | 20.5 | 0.10 | 20.4 | 20.7 | 371.7 | 299.7 | NA | NA | NA | NA | NA | NA |
| 8/19/2019 | 20.4 | 0.13 | 20.3 | 20.7 | 392.1 | 316.1 | NA | NA | NA | NA | NA | NA |
| 8/20/2019 | 20.7 | 0.17 | 20.4 | 20.9 | 412.8 | 332.8 | NA | NA | NA | NA | NA | NA |
| 8/21/2019 | 20.7 | 0.11 | 20.5 | 20.9 | 433.5 | 349.5 | NA | NA | NA | NA | NA | NA |
| 8/22/2019 | 20.7 | 0.11 | 20.5 | 20.9 | 454.2 | 366.2 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/23/2019 | 21.0 | 0.13 | 20.8 | 21.1 | 475.2 | 383.2 | NA | NA | NA | NA | NA | NA |
| 8/24/2019 | 21.0 | 0.12 | 20.8 | 21.2 | 496.1 | 400.1 | NA | NA | NA | NA | NA | NA |
| 8/25/2019 | 19.0 | 0.65 | 18.5 | 21.0 | 515.2 | 415.2 | NA | NA | NA | NA | NA | NA |
| 8/26/2019 | 19.0 | 0.17 | 18.7 | 19.4 | 534.1 | 430.1 | NA | NA | NA | NA | NA | NA |
| 8/27/2019 | 19.2 | 0.21 | 18.9 | 19.5 | 553.3 | 445.3 | NA | NA | NA | NA | NA | NA |
| 8/28/2019 | 19.5 | 0.23 | 19.3 | 19.9 | 572.9 | 460.9 | NA | NA | NA | NA | NA | NA |
| 8/29/2019 | 19.7 | 0.04 | 19.7 | 19.8 | 592.6 | 476.6 | NA | NA | NA | NA | NA | NA |
| 8/30/2019 | 19.8 | 0.18 | 19.6 | 20.1 | 612.4 | 492.4 | NA | NA | NA | NA | NA | NA |
| 8/31/2019 | 19.8 | 0.11 | 19.7 | 20.0 | 632.2 | 508.2 | NA | NA | NA | NA | NA | NA |

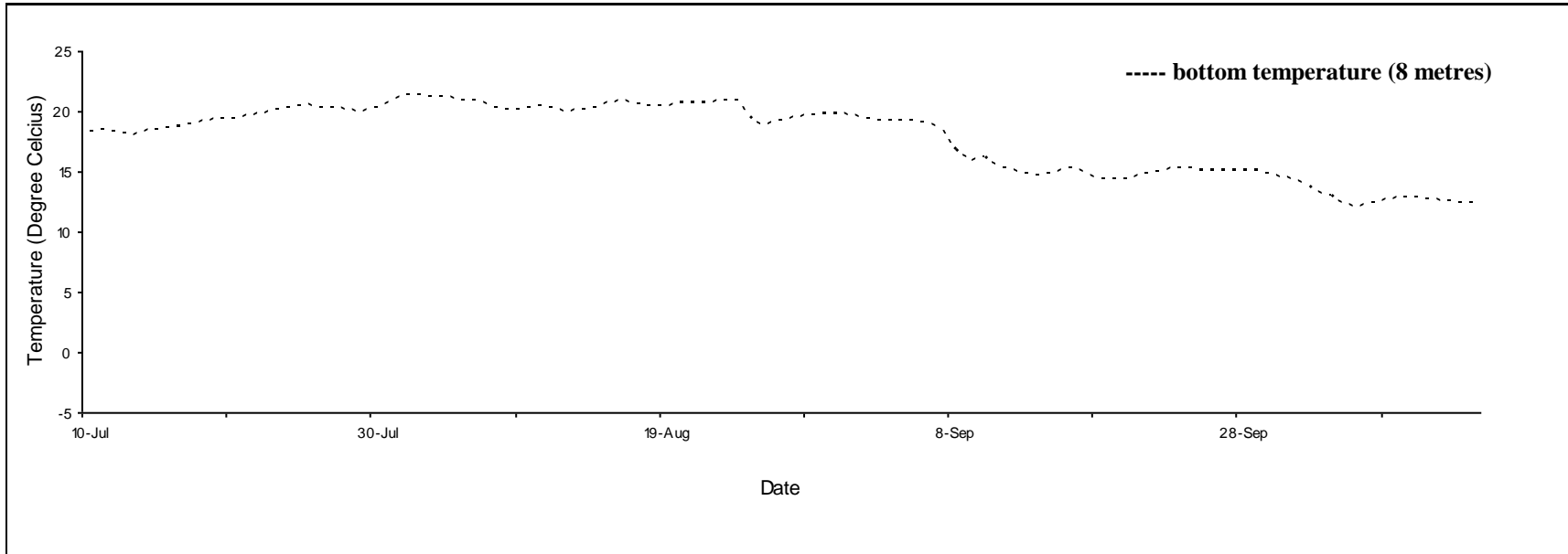
September

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/1/2019 | 19.7 | 0.11 | 19.5 | 19.9 | 19.7 | 15.7 | NA | NA | NA | NA | NA | NA |
| 9/2/2019 | 19.4 | 0.14 | 19.3 | 19.7 | 39.1 | 31.1 | NA | NA | NA | NA | NA | NA |
| 9/3/2019 | 19.3 | 0.12 | 19.1 | 19.4 | 58.4 | 46.4 | NA | NA | NA | NA | NA | NA |
| 9/4/2019 | 19.3 | 0.10 | 19.1 | 19.5 | 77.7 | 61.7 | NA | NA | NA | NA | NA | NA |
| 9/5/2019 | 19.2 | 0.14 | 19.0 | 19.4 | 96.9 | 76.9 | NA | NA | NA | NA | NA | NA |
| 9/6/2019 | 19.0 | 0.14 | 18.7 | 19.2 | 115.9 | 91.9 | NA | NA | NA | NA | NA | NA |
| 9/7/2019 | 18.6 | 0.30 | 18.0 | 19.0 | 134.5 | 106.5 | NA | NA | NA | NA | NA | NA |
| 9/8/2019 | 16.8 | 0.80 | 15.5 | 17.8 | 151.3 | 119.3 | NA | NA | NA | NA | NA | NA |
| 9/9/2019 | 15.8 | 0.47 | 15.1 | 16.5 | 167.1 | 131.1 | NA | NA | NA | NA | NA | NA |
| 9/10/2019 | 16.1 | 0.23 | 15.7 | 16.5 | 183.2 | 143.2 | NA | NA | NA | NA | NA | NA |
| 9/11/2019 | 15.5 | 0.17 | 15.3 | 15.9 | 198.7 | 154.7 | NA | NA | NA | NA | NA | NA |
| 9/12/2019 | 15.2 | 0.12 | 14.9 | 15.3 | 213.9 | 165.9 | NA | NA | NA | NA | NA | NA |
| 9/13/2019 | 14.8 | 0.08 | 14.7 | 14.9 | 228.7 | 176.7 | NA | NA | NA | NA | NA | NA |
| 9/14/2019 | 14.8 | 0.08 | 14.6 | 14.9 | 243.5 | 187.5 | NA | NA | NA | NA | NA | NA |
| 9/15/2019 | 15.1 | 0.23 | 14.8 | 15.4 | 258.5 | 198.5 | NA | NA | NA | NA | NA | NA |
| 9/16/2019 | 15.3 | 0.09 | 15.1 | 15.4 | 273.8 | 209.8 | NA | NA | NA | NA | NA | NA |
| 9/17/2019 | 15.0 | 0.19 | 14.7 | 15.2 | 288.8 | 220.8 | NA | NA | NA | NA | NA | NA |
| 9/18/2019 | 14.5 | 0.10 | 14.3 | 14.6 | 303.2 | 231.2 | NA | NA | NA | NA | NA | NA |
| 9/19/2019 | 14.4 | 0.10 | 14.2 | 14.5 | 317.6 | 241.6 | NA | NA | NA | NA | NA | NA |
| 9/20/2019 | 14.5 | 0.09 | 14.3 | 14.6 | 332.1 | 252.1 | NA | NA | NA | NA | NA | NA |
| 9/21/2019 | 14.9 | 0.10 | 14.7 | 15.0 | 346.9 | 262.9 | NA | NA | NA | NA | NA | NA |
| 9/22/2019 | 15.0 | 0.21 | 14.8 | 15.4 | 361.9 | 273.9 | NA | NA | NA | NA | NA | NA |
| 9/23/2019 | 15.3 | 0.08 | 15.2 | 15.4 | 377.2 | 285.2 | NA | NA | NA | NA | NA | NA |
| 9/24/2019 | 15.3 | 0.06 | 15.2 | 15.4 | 392.5 | 296.5 | NA | NA | NA | NA | NA | NA |
| 9/25/2019 | 15.2 | 0.04 | 15.2 | 15.3 | 407.7 | 307.7 | NA | NA | NA | NA | NA | NA |
| 9/26/2019 | 15.1 | 0.07 | 15.0 | 15.2 | 422.8 | 318.8 | NA | NA | NA | NA | NA | NA |
| 9/27/2019 | 15.2 | 0.11 | 15.1 | 15.4 | 438.0 | 330.0 | NA | NA | NA | NA | NA | NA |
| 9/28/2019 | 15.2 | 0.04 | 15.1 | 15.3 | 453.2 | 341.2 | NA | NA | NA | NA | NA | NA |
| 9/29/2019 | 15.2 | 0.07 | 15.1 | 15.3 | 468.4 | 352.4 | NA | NA | NA | NA | NA | NA |
| 9/30/2019 | 14.7 | 0.14 | 14.6 | 15.1 | 483.1 | 363.1 | NA | NA | NA | NA | NA | NA |

October

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/1/2019 | 14.5 | 0.08 | 14.4 | 14.7 | 14.5 | 10.5 | NA | NA | NA | NA | NA | NA |
| 10/2/2019 | 14.2 | 0.21 | 13.6 | 14.4 | 28.6 | 20.6 | NA | NA | NA | NA | NA | NA |
| 10/3/2019 | 13.4 | 0.14 | 13.2 | 13.7 | 42.0 | 30.0 | NA | NA | NA | NA | NA | NA |
| 10/4/2019 | 13.0 | 0.17 | 12.6 | 13.2 | 55.0 | 39.0 | NA | NA | NA | NA | NA | NA |
| 10/5/2019 | 12.3 | 0.19 | 12.0 | 12.6 | 67.3 | 47.3 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/6/2019 | 12.1 | 0.17 | 11.9 | 12.3 | 79.4 | 55.4 | NA | NA | NA | NA | NA | NA |
| 10/7/2019 | 12.4 | 0.12 | 12.2 | 12.6 | 91.8 | 63.8 | NA | NA | NA | NA | NA | NA |
| 10/8/2019 | 12.7 | 0.12 | 12.6 | 12.9 | 104.5 | 72.5 | NA | NA | NA | NA | NA | NA |
| 10/9/2019 | 12.8 | 0.07 | 12.8 | 13.0 | 117.3 | 81.3 | NA | NA | NA | NA | NA | NA |
| 10/10/2019 | 12.9 | 0.05 | 12.8 | 12.9 | 130.2 | 90.2 | NA | NA | NA | NA | NA | NA |
| 10/11/2019 | 12.8 | 0.05 | 12.7 | 12.9 | 143.0 | 99.0 | NA | NA | NA | NA | NA | NA |
| 10/12/2019 | 12.6 | 0.07 | 12.6 | 12.7 | 155.6 | 107.6 | NA | NA | NA | NA | NA | NA |
| 10/13/2019 | 12.5 | 0.04 | 12.4 | 12.6 | 168.1 | 116.1 | NA | NA | NA | NA | NA | NA |
| 10/14/2019 | 12.4 | 0.03 | 12.3 | 12.4 | 180.5 | 124.5 | NA | NA | NA | NA | NA | NA |



Daily mean temperature for Egmont Bay, P.E.I., 2019.

Escuminac, N.B.

2019

May

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 5/3/2019 | 1.6 | 0.23 | 1.2 | 1.8 | 1.6 | 0.0 | 3.6 | 0.74 | 2.8 | 5.3 | 3.6 | 0.0 |
| 5/4/2019 | 1.2 | 0.17 | 1.1 | 1.6 | 2.8 | 0.0 | 4.9 | 0.62 | 4.0 | 5.9 | 8.5 | 0.9 |
| 5/5/2019 | 1.2 | 0.11 | 1.1 | 1.4 | 4.0 | 0.0 | 5.9 | 0.94 | 5.1 | 8.4 | 14.5 | 2.9 |
| 5/6/2019 | 1.4 | 0.10 | 1.3 | 1.6 | 5.4 | 0.0 | 5.9 | 0.63 | 4.3 | 6.6 | 20.4 | 4.8 |
| 5/7/2019 | 1.7 | 0.15 | 1.6 | 2.1 | 7.2 | 0.0 | 5.6 | 0.86 | 4.2 | 6.9 | 26.0 | 6.4 |
| 5/8/2019 | 2.0 | 0.19 | 1.7 | 2.3 | 9.1 | 0.0 | 5.4 | 0.58 | 4.7 | 6.3 | 31.4 | 7.8 |
| 5/9/2019 | 2.9 | 0.73 | 2.0 | 4.1 | 12.1 | 0.0 | 5.2 | 0.82 | 4.3 | 6.7 | 36.6 | 9.0 |
| 5/10/2019 | 3.6 | 0.22 | 3.2 | 4.1 | 15.7 | 0.0 | 5.2 | 0.47 | 4.4 | 5.8 | 41.8 | 10.3 |
| 5/11/2019 | 2.1 | 0.21 | 1.8 | 2.5 | 17.8 | 0.0 | 4.6 | 0.47 | 3.8 | 5.4 | 46.4 | 10.8 |
| 5/12/2019 | 2.6 | 0.30 | 2.2 | 3.3 | 20.3 | 0.0 | 5.1 | 0.33 | 4.7 | 5.7 | 51.5 | 11.9 |
| 5/13/2019 | 2.8 | 0.12 | 2.6 | 3.0 | 23.1 | 0.0 | 5.6 | 0.44 | 4.9 | 6.6 | 57.2 | 13.6 |
| 5/14/2019 | 3.1 | 0.21 | 2.9 | 3.4 | 26.2 | 0.0 | 6.1 | 0.23 | 5.6 | 6.4 | 63.3 | 15.7 |
| 5/15/2019 | 4.5 | 0.47 | 3.5 | 5.0 | 30.7 | 0.5 | 5.1 | 0.23 | 4.9 | 5.6 | 68.4 | 16.8 |
| 5/16/2019 | 5.1 | 0.04 | 5.0 | 5.1 | 35.7 | 1.6 | 5.7 | 0.16 | 5.5 | 6.0 | 74.1 | 18.5 |
| 5/17/2019 | 4.2 | 0.19 | 4.0 | 4.6 | 39.9 | 1.8 | 5.8 | 0.45 | 4.5 | 6.2 | 79.9 | 20.3 |
| 5/18/2019 | 4.0 | 0.07 | 3.9 | 4.2 | 44.0 | 1.8 | 5.6 | 0.43 | 5.0 | 6.4 | 85.5 | 21.9 |
| 5/19/2019 | 4.4 | 0.14 | 4.2 | 4.6 | 48.4 | 2.3 | 6.1 | 0.61 | 5.4 | 7.3 | 91.6 | 24.0 |
| 5/20/2019 | 4.4 | 0.15 | 4.1 | 4.6 | 52.8 | 2.6 | 6.0 | 0.59 | 5.0 | 6.5 | 97.6 | 26.0 |
| 5/21/2019 | 4.4 | 0.31 | 4.2 | 5.1 | 57.2 | 3.0 | 5.5 | 0.24 | 5.2 | 6.0 | 103.1 | 27.5 |
| 5/22/2019 | 5.2 | 0.08 | 5.1 | 5.3 | 62.4 | 4.2 | 5.9 | 0.51 | 5.1 | 6.5 | 109.0 | 29.4 |
| 5/23/2019 | 5.2 | 0.02 | 5.1 | 5.2 | 67.6 | 5.4 | 6.5 | 0.61 | 5.7 | 8.0 | 115.5 | 31.9 |
| 5/24/2019 | 4.5 | 0.31 | 4.2 | 5.0 | 72.1 | 6.0 | 6.6 | 0.58 | 5.6 | 7.8 | 122.1 | 34.5 |
| 5/25/2019 | 4.3 | 0.06 | 4.2 | 4.4 | 76.4 | 6.2 | 8.0 | 0.79 | 7.0 | 9.3 | 130.1 | 38.5 |
| 5/26/2019 | 4.2 | 0.04 | 4.1 | 4.3 | 80.6 | 6.4 | 6.8 | 1.32 | 4.9 | 9.1 | 136.9 | 41.3 |
| 5/27/2019 | 4.2 | 0.07 | 4.1 | 4.3 | 84.8 | 6.6 | 6.6 | 0.90 | 5.4 | 8.0 | 143.6 | 44.0 |
| 5/28/2019 | 4.3 | 0.06 | 4.2 | 4.4 | 89.1 | 6.9 | 7.9 | 0.87 | 7.0 | 9.2 | 151.5 | 47.9 |
| 5/29/2019 | 4.3 | 0.03 | 4.2 | 4.3 | 93.4 | 7.2 | 8.0 | 0.46 | 7.2 | 8.5 | 159.5 | 51.9 |
| 5/30/2019 | 4.3 | 0.03 | 4.3 | 4.3 | 97.7 | 7.5 | 7.1 | 0.86 | 5.6 | 8.1 | 166.5 | 54.9 |
| 5/31/2019 | 4.4 | 0.14 | 4.2 | 4.6 | 102.0 | 7.8 | 6.5 | 1.07 | 5.0 | 7.8 | 173.0 | 57.4 |

June

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/1/2019 | 4.5 | 0.09 | 4.4 | 4.7 | 4.5 | 0.5 | 8.4 | 0.70 | 7.0 | 9.4 | 8.4 | 4.4 |
| 6/2/2019 | 4.6 | 0.14 | 4.4 | 4.8 | 9.1 | 1.1 | 9.1 | 0.64 | 8.1 | 10.1 | 17.5 | 9.5 |
| 6/3/2019 | 5.3 | 0.53 | 4.7 | 6.3 | 14.4 | 2.4 | 9.3 | 0.40 | 8.7 | 10.0 | 26.8 | 14.8 |
| 6/4/2019 | 6.5 | 0.29 | 6.1 | 6.8 | 20.8 | 4.8 | 10.0 | 0.26 | 9.7 | 10.5 | 36.9 | 20.9 |
| 6/5/2019 | 6.8 | 0.11 | 6.6 | 7.0 | 27.6 | 7.6 | 10.5 | 0.69 | 9.6 | 11.3 | 47.3 | 27.3 |
| 6/6/2019 | 6.6 | 0.11 | 6.5 | 6.8 | 34.2 | 10.2 | 10.9 | 0.34 | 10.5 | 11.4 | 58.3 | 34.3 |
| 6/7/2019 | 6.9 | 0.29 | 6.6 | 7.4 | 41.1 | 13.1 | 11.4 | 0.58 | 10.3 | 12.6 | 69.7 | 41.7 |
| 6/8/2019 | 7.3 | 0.29 | 6.7 | 7.7 | 48.5 | 16.5 | 11.5 | 0.62 | 10.5 | 12.3 | 81.2 | 49.2 |
| 6/9/2019 | 7.9 | 0.23 | 7.7 | 8.3 | 56.4 | 20.4 | 11.8 | 0.58 | 11.3 | 12.9 | 93.0 | 57.0 |
| 6/10/2019 | 8.4 | 0.14 | 8.2 | 8.6 | 64.8 | 24.8 | 12.4 | 0.16 | 12.1 | 12.7 | 105.4 | 65.4 |
| 6/11/2019 | 8.8 | 0.20 | 8.5 | 9.1 | 73.6 | 29.6 | 12.7 | 0.41 | 12.1 | 13.3 | 118.2 | 74.2 |
| 6/12/2019 | 11.3 | 1.32 | 8.8 | 12.2 | 84.9 | 36.9 | 12.2 | 0.38 | 11.9 | 13.2 | 130.3 | 82.3 |
| 6/13/2019 | 10.6 | 0.70 | 9.8 | 12.1 | 95.5 | 43.5 | 12.8 | 0.44 | 12.1 | 13.4 | 143.1 | 91.1 |
| 6/14/2019 | 8.6 | 0.83 | 7.6 | 10.3 | 104.1 | 48.1 | 12.1 | 0.33 | 11.7 | 12.6 | 155.2 | 99.2 |
| 6/15/2019 | 9.9 | 0.68 | 8.9 | 10.7 | 114.0 | 54.0 | 12.7 | 0.85 | 11.8 | 14.4 | 167.9 | 107.9 |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/16/2019 | 10.4 | 0.33 | 9.9 | 10.9 | 124.5 | 60.5 | 13.9 | 0.63 | 13.0 | 15.1 | 181.8 | 117.8 |
| 6/17/2019 | 9.6 | 0.73 | 8.5 | 10.8 | 134.0 | 66.0 | 13.4 | 0.71 | 12.1 | 14.6 | 195.2 | 127.2 |
| 6/18/2019 | 10.3 | 0.49 | 9.0 | 10.8 | 144.4 | 72.4 | 14.2 | 1.44 | 12.4 | 15.9 | 209.3 | 137.3 |
| 6/19/2019 | 10.0 | 0.86 | 8.8 | 11.2 | 154.4 | 78.4 | 15.0 | 0.40 | 14.5 | 15.8 | 224.4 | 148.4 |
| 6/20/2019 | 11.0 | 0.33 | 10.6 | 11.7 | 165.4 | 85.4 | 15.5 | 0.59 | 14.8 | 16.4 | 239.9 | 159.9 |
| 6/21/2019 | 10.9 | 0.29 | 10.5 | 11.3 | 176.3 | 92.3 | 14.8 | 1.07 | 13.0 | 16.2 | 254.7 | 170.7 |
| 6/22/2019 | 14.0 | 0.57 | 12.5 | 14.8 | 190.2 | 102.2 | 14.5 | 0.58 | 13.7 | 15.5 | 269.2 | 181.2 |
| 6/23/2019 | 14.0 | 0.48 | 13.5 | 14.6 | 204.2 | 112.2 | 14.0 | 0.47 | 13.5 | 14.6 | 283.1 | 191.1 |
| 6/24/2019 | 13.6 | 0.23 | 13.4 | 14.0 | 217.8 | 121.8 | 14.1 | 0.98 | 13.4 | 16.3 | 297.3 | 201.3 |
| 6/25/2019 | 12.7 | 0.40 | 11.7 | 13.3 | 230.5 | 130.5 | 14.8 | 0.32 | 14.3 | 15.3 | 312.1 | 212.1 |
| 6/26/2019 | 10.0 | 0.71 | 8.7 | 11.1 | 240.5 | 136.5 | 14.7 | 0.36 | 14.1 | 15.1 | 326.8 | 222.8 |
| 6/27/2019 | 7.5 | 0.45 | 6.9 | 8.1 | 247.9 | 139.9 | 14.1 | 0.61 | 13.0 | 15.1 | 340.9 | 232.9 |
| 6/28/2019 | 7.4 | 0.42 | 6.8 | 8.0 | 255.3 | 143.3 | 13.9 | 0.35 | 13.5 | 14.6 | 354.8 | 242.8 |
| 6/29/2019 | 7.3 | 0.41 | 6.9 | 8.2 | 262.6 | 146.6 | 14.3 | 0.37 | 13.7 | 14.9 | 369.1 | 253.1 |
| 6/30/2019 | 8.3 | 1.09 | 7.2 | 10.4 | 270.9 | 150.9 | 13.7 | 0.48 | 13.1 | 14.5 | 382.8 | 262.8 |

July

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/1/2019 | 12.5 | 1.57 | 10.3 | 14.1 | 12.5 | 8.5 | 14.0 | 0.17 | 13.5 | 14.2 | 14.0 | 10.0 |
| 7/2/2019 | 13.5 | 0.27 | 12.9 | 13.7 | 26.0 | 18.0 | 14.3 | 0.59 | 13.6 | 15.2 | 28.3 | 20.3 |
| 7/3/2019 | 12.9 | 0.56 | 12.0 | 13.6 | 38.9 | 26.9 | 14.9 | 0.69 | 14.2 | 16.2 | 43.2 | 31.2 |
| 7/4/2019 | 10.0 | 1.86 | 8.6 | 13.9 | 48.9 | 32.9 | 16.5 | 0.95 | 15.5 | 18.1 | 59.7 | 43.7 |
| 7/5/2019 | 8.3 | 0.39 | 7.7 | 8.8 | 57.2 | 37.2 | 18.0 | 0.90 | 17.1 | 19.3 | 77.7 | 57.7 |
| 7/6/2019 | 8.7 | 0.54 | 8.0 | 9.3 | 65.9 | 41.9 | 18.2 | 0.27 | 17.8 | 18.6 | 95.9 | 71.9 |
| 7/7/2019 | 9.0 | 0.34 | 8.3 | 9.4 | 74.9 | 46.9 | 17.0 | 1.23 | 15.6 | 19.4 | 112.9 | 84.9 |
| 7/8/2019 | 9.9 | 0.52 | 9.0 | 10.6 | 84.8 | 52.8 | 16.9 | 0.31 | 16.6 | 17.6 | 129.8 | 97.8 |
| 7/9/2019 | 10.5 | 0.33 | 9.8 | 11.0 | 95.2 | 59.2 | 16.8 | 0.18 | 16.5 | 17.1 | 146.6 | 110.6 |
| 7/10/2019 | 11.1 | 0.96 | 10.1 | 13.5 | 106.3 | 66.3 | 16.5 | 0.71 | 15.8 | 17.8 | 163.1 | 123.1 |
| 7/11/2019 | 11.1 | 0.36 | 10.4 | 11.8 | 117.4 | 73.4 | 17.3 | 0.33 | 16.8 | 17.7 | 180.4 | 136.4 |
| 7/12/2019 | 9.9 | 0.54 | 8.9 | 10.7 | 127.3 | 79.3 | 16.2 | 0.67 | 14.5 | 16.8 | 196.6 | 148.6 |
| 7/13/2019 | 8.9 | 0.27 | 8.5 | 9.3 | 136.2 | 84.2 | 14.8 | 0.94 | 12.7 | 16.0 | 211.4 | 159.4 |
| 7/14/2019 | 9.1 | 0.22 | 8.9 | 9.5 | 145.3 | 89.3 | 16.0 | 0.93 | 14.4 | 17.1 | 227.4 | 171.4 |
| 7/15/2019 | 9.1 | 0.19 | 8.7 | 9.3 | 154.4 | 94.4 | 16.5 | 0.31 | 16.1 | 16.9 | 243.9 | 183.9 |
| 7/16/2019 | 9.5 | 0.20 | 9.2 | 9.8 | 163.9 | 99.9 | 17.0 | 0.52 | 16.3 | 18.2 | 260.9 | 196.9 |
| 7/17/2019 | 9.4 | 0.31 | 9.0 | 9.9 | 173.3 | 105.3 | 17.1 | 0.39 | 16.6 | 17.9 | 278.0 | 210.0 |
| 7/18/2019 | 9.7 | 0.21 | 9.3 | 10.0 | 182.9 | 110.9 | 17.8 | 0.64 | 17.1 | 18.7 | 295.8 | 223.8 |
| 7/19/2019 | 9.3 | 0.27 | 9.1 | 9.8 | 192.3 | 116.3 | 18.3 | 0.42 | 17.6 | 19.2 | 314.1 | 238.1 |
| 7/20/2019 | 9.5 | 0.23 | 9.2 | 9.9 | 201.8 | 121.8 | 18.5 | 0.58 | 18.0 | 19.6 | 332.6 | 252.6 |
| 7/21/2019 | 9.9 | 0.14 | 9.6 | 10.2 | 211.7 | 127.7 | 19.2 | 0.23 | 18.9 | 19.6 | 351.8 | 267.8 |
| 7/22/2019 | 10.5 | 0.20 | 10.2 | 10.8 | 222.2 | 134.2 | 19.4 | 0.68 | 18.6 | 20.4 | 371.2 | 283.2 |
| 7/23/2019 | 10.7 | 0.20 | 10.4 | 11.0 | 232.9 | 140.9 | 19.4 | 0.33 | 18.9 | 19.9 | 390.6 | 298.6 |
| 7/24/2019 | 11.5 | 0.27 | 11.0 | 11.9 | 244.3 | 148.3 | 19.5 | 0.50 | 19.0 | 20.6 | 410.1 | 314.1 |
| 7/25/2019 | 12.0 | 0.33 | 11.5 | 12.4 | 256.4 | 156.4 | 19.8 | 0.34 | 19.3 | 20.4 | 429.9 | 329.9 |
| 7/26/2019 | 11.7 | 0.41 | 11.2 | 12.3 | 268.1 | 164.1 | 20.0 | 0.55 | 19.5 | 21.0 | 449.9 | 345.9 |
| 7/27/2019 | 11.6 | 0.22 | 11.2 | 12.1 | 279.7 | 171.7 | 20.5 | 0.75 | 19.4 | 22.0 | 470.4 | 362.4 |
| 7/28/2019 | 10.7 | 0.47 | 9.9 | 11.2 | 290.4 | 178.4 | 20.4 | 0.30 | 20.0 | 21.0 | 490.9 | 378.9 |
| 7/29/2019 | 9.8 | 0.36 | 9.2 | 10.3 | 300.2 | 184.2 | 20.7 | 0.20 | 20.4 | 21.0 | 511.6 | 395.6 |
| 7/30/2019 | 9.8 | 0.39 | 9.2 | 10.4 | 309.9 | 189.9 | 20.7 | 0.70 | 19.5 | 22.1 | 532.3 | 412.3 |
| 7/31/2019 | 10.0 | 0.38 | 9.3 | 10.4 | 319.9 | 195.9 | 21.4 | 0.49 | 20.8 | 22.5 | 553.7 | 429.7 |

August

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/1/2019 | 10.3 | 0.27 | 9.8 | 10.8 | 10.3 | 6.3 | 21.6 | 0.32 | 21.1 | 22.2 | 21.6 | 17.6 |
| 8/2/2019 | 10.6 | 0.26 | 10.1 | 10.9 | 20.9 | 12.9 | 20.6 | 0.72 | 19.1 | 21.5 | 42.1 | 34.1 |
| 8/3/2019 | 11.4 | 0.56 | 10.6 | 12.7 | 32.3 | 20.3 | 20.7 | 0.47 | 20.2 | 21.6 | 62.9 | 50.9 |
| 8/4/2019 | 12.1 | 0.54 | 11.3 | 12.9 | 44.4 | 28.4 | 19.1 | 0.62 | 17.9 | 20.2 | 82.0 | 66.0 |
| 8/5/2019 | 12.8 | 0.39 | 12.4 | 13.6 | 57.2 | 37.2 | 19.1 | 0.47 | 18.3 | 19.7 | 101.1 | 81.1 |
| 8/6/2019 | 13.1 | 0.39 | 12.5 | 13.6 | 70.3 | 46.3 | 19.9 | 0.41 | 19.3 | 20.4 | 121.0 | 97.0 |
| 8/7/2019 | 12.5 | 0.41 | 11.5 | 12.9 | 82.8 | 54.8 | 19.9 | 0.55 | 18.8 | 20.4 | 140.9 | 112.9 |
| 8/8/2019 | 10.9 | 0.79 | 9.7 | 12.3 | 93.8 | 61.8 | 17.9 | 1.59 | 14.8 | 19.5 | 158.8 | 126.8 |
| 8/9/2019 | 9.2 | 0.17 | 8.9 | 9.4 | 103.0 | 67.0 | 15.8 | 1.34 | 13.6 | 17.6 | 174.6 | 138.6 |
| 8/10/2019 | 9.6 | 0.18 | 9.3 | 9.9 | 112.6 | 72.6 | 17.5 | 0.82 | 16.1 | 18.7 | 192.1 | 152.1 |
| 8/11/2019 | 10.0 | 0.41 | 9.6 | 10.8 | 122.6 | 78.6 | 16.8 | 0.62 | 16.2 | 18.0 | 208.9 | 164.9 |
| 8/12/2019 | 10.4 | 0.26 | 10.0 | 10.8 | 133.0 | 85.0 | 17.1 | 0.63 | 16.0 | 18.1 | 226.0 | 178.0 |
| 8/13/2019 | 10.2 | 0.41 | 9.9 | 11.1 | 143.2 | 91.2 | 17.3 | 0.47 | 16.3 | 17.7 | 243.3 | 191.3 |
| 8/14/2019 | 11.1 | 0.25 | 10.7 | 11.5 | 154.3 | 98.3 | 18.0 | 0.32 | 17.6 | 18.5 | 261.3 | 205.3 |
| 8/15/2019 | 11.3 | 0.26 | 10.9 | 11.7 | 165.6 | 105.6 | 18.5 | 0.41 | 17.7 | 19.1 | 279.8 | 219.8 |
| 8/16/2019 | 11.3 | 0.37 | 10.6 | 11.8 | 176.9 | 112.9 | 18.5 | 0.38 | 17.9 | 19.0 | 298.3 | 234.3 |
| 8/17/2019 | 11.2 | 0.56 | 10.4 | 12.1 | 188.1 | 120.1 | 19.4 | 0.41 | 18.3 | 20.0 | 317.7 | 249.7 |
| 8/18/2019 | 11.2 | 0.44 | 10.8 | 12.1 | 199.4 | 127.4 | 19.6 | 0.17 | 19.3 | 19.9 | 337.3 | 265.3 |
| 8/19/2019 | 11.5 | 0.18 | 11.2 | 11.7 | 210.8 | 134.8 | 19.5 | 0.42 | 18.6 | 20.1 | 356.8 | 280.8 |
| 8/20/2019 | 11.9 | 0.29 | 11.6 | 12.4 | 222.8 | 142.8 | 20.0 | 0.34 | 19.7 | 20.8 | 376.8 | 296.8 |
| 8/21/2019 | 11.8 | 0.29 | 11.3 | 12.2 | 234.5 | 150.5 | 20.0 | 0.20 | 19.6 | 20.2 | 396.8 | 312.8 |
| 8/22/2019 | 11.0 | 0.33 | 10.3 | 11.4 | 245.5 | 157.5 | 20.0 | 0.32 | 19.4 | 20.5 | 416.8 | 328.8 |
| 8/23/2019 | 11.0 | 0.37 | 10.4 | 11.6 | 256.6 | 164.6 | 20.2 | 0.42 | 19.5 | 20.8 | 437.0 | 345.0 |
| 8/24/2019 | 12.3 | 0.44 | 11.4 | 12.7 | 268.8 | 172.8 | 19.5 | 0.61 | 18.0 | 20.3 | 456.5 | 360.5 |
| 8/25/2019 | 14.0 | 0.69 | 12.8 | 15.3 | 282.9 | 182.9 | 18.9 | 0.68 | 18.1 | 19.9 | 475.4 | 375.4 |
| 8/26/2019 | 12.3 | 0.53 | 11.6 | 13.2 | 295.1 | 191.1 | 19.1 | 0.41 | 18.5 | 19.5 | 494.5 | 390.5 |
| 8/27/2019 | 11.6 | 0.41 | 11.0 | 12.4 | 306.7 | 198.7 | 18.6 | 0.39 | 17.9 | 19.3 | 513.2 | 405.2 |
| 8/28/2019 | 11.2 | 0.48 | 10.7 | 12.4 | 317.9 | 205.9 | 18.7 | 0.26 | 18.5 | 19.3 | 531.9 | 419.9 |
| 8/29/2019 | 11.2 | 0.37 | 10.6 | 11.7 | 329.1 | 213.1 | 17.9 | 0.57 | 17.0 | 18.6 | 549.8 | 433.8 |
| 8/30/2019 | 12.3 | 0.72 | 11.3 | 13.8 | 341.4 | 221.4 | 18.4 | 0.29 | 18.0 | 18.9 | 568.2 | 448.2 |
| 8/31/2019 | 11.6 | 0.62 | 10.7 | 13.0 | 353.0 | 229.0 | 18.4 | 0.27 | 18.0 | 18.8 | 586.6 | 462.6 |

September

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/1/2019 | 11.7 | 0.43 | 11.1 | 12.3 | 11.7 | 7.7 | 18.2 | 0.21 | 17.9 | 18.5 | 18.2 | 14.2 |
| 9/2/2019 | 10.4 | 0.64 | 9.7 | 11.4 | 22.1 | 14.1 | 17.4 | 0.35 | 16.8 | 17.9 | 35.6 | 27.6 |
| 9/3/2019 | 10.2 | 0.35 | 9.6 | 10.8 | 32.3 | 20.3 | 16.8 | 0.64 | 15.4 | 17.9 | 52.5 | 40.5 |
| 9/4/2019 | 9.7 | 0.31 | 9.2 | 10.3 | 41.9 | 25.9 | 16.5 | 1.07 | 14.0 | 17.4 | 68.9 | 52.9 |
| 9/5/2019 | 10.4 | 0.75 | 9.3 | 11.4 | 52.3 | 32.3 | 16.8 | 0.27 | 16.2 | 17.2 | 85.7 | 65.7 |
| 9/6/2019 | 11.9 | 1.39 | 9.7 | 14.3 | 64.2 | 40.2 | 15.8 | 0.23 | 15.5 | 16.2 | 101.5 | 77.5 |
| 9/7/2019 | 10.0 | 1.16 | 9.3 | 12.6 | 74.2 | 46.2 | 14.1 | 1.42 | 12.1 | 15.8 | 115.6 | 87.6 |
| 9/8/2019 | 14.8 | 0.75 | 13.1 | 15.5 | 89.0 | 57.0 | 14.7 | 0.75 | 13.1 | 15.4 | 130.3 | 98.3 |
| 9/9/2019 | 14.8 | 0.07 | 14.6 | 14.9 | 103.7 | 67.7 | 14.9 | 0.20 | 14.5 | 15.2 | 145.2 | 109.2 |
| 9/10/2019 | 14.7 | 0.17 | 14.4 | 14.9 | 118.4 | 78.4 | 15.0 | 0.38 | 14.6 | 15.8 | 160.3 | 120.3 |
| 9/11/2019 | 14.6 | 0.09 | 14.5 | 14.8 | 133.0 | 89.0 | 14.8 | 0.19 | 14.4 | 15.0 | 175.0 | 131.0 |
| 9/12/2019 | 14.7 | 0.07 | 14.5 | 14.8 | 147.7 | 99.7 | 14.9 | 0.21 | 14.7 | 15.2 | 189.9 | 141.9 |
| 9/13/2019 | 14.6 | 0.08 | 14.6 | 14.8 | 162.4 | 110.4 | 14.8 | 0.19 | 14.6 | 15.2 | 204.7 | 152.7 |
| 9/14/2019 | 14.6 | 0.16 | 14.3 | 14.8 | 177.0 | 121.0 | 14.5 | 0.10 | 14.4 | 14.6 | 219.2 | 163.2 |
| 9/15/2019 | 13.9 | 0.29 | 13.4 | 14.5 | 190.9 | 130.9 | 14.6 | 0.22 | 14.3 | 14.9 | 233.8 | 173.8 |
| 9/16/2019 | 13.7 | 0.29 | 13.4 | 14.3 | 204.5 | 140.5 | 14.8 | 0.09 | 14.7 | 15.0 | 248.6 | 184.6 |
| 9/17/2019 | 14.4 | 0.19 | 14.0 | 14.6 | 218.9 | 150.9 | 14.5 | 0.12 | 14.1 | 14.6 | 263.0 | 195.0 |
| 9/18/2019 | 14.4 | 0.06 | 14.3 | 14.5 | 233.3 | 161.3 | 14.2 | 0.10 | 13.9 | 14.4 | 277.2 | 205.2 |
| 9/19/2019 | 14.3 | 0.10 | 14.0 | 14.4 | 247.6 | 171.6 | 14.1 | 0.29 | 13.7 | 14.7 | 291.3 | 215.3 |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/20/2019 | 13.9 | 0.21 | 13.4 | 14.2 | 261.5 | 181.5 | 14.4 | 0.35 | 13.9 | 14.8 | 305.7 | 225.7 |
| 9/21/2019 | 13.7 | 0.29 | 13.4 | 14.3 | 275.2 | 191.2 | 14.9 | 0.24 | 14.6 | 15.3 | 320.5 | 236.5 |
| 9/22/2019 | 13.4 | 0.20 | 13.0 | 13.7 | 288.7 | 200.7 | 14.8 | 0.23 | 14.5 | 15.1 | 335.3 | 247.3 |
| 9/23/2019 | 12.9 | 0.86 | 11.5 | 14.0 | 301.5 | 209.5 | 15.1 | 0.10 | 14.9 | 15.2 | 350.4 | 258.4 |
| 9/24/2019 | 11.7 | 0.39 | 11.3 | 12.4 | 313.2 | 217.2 | 14.8 | 0.47 | 14.2 | 15.4 | 365.2 | 269.2 |
| 9/25/2019 | 14.0 | 0.55 | 12.5 | 14.4 | 327.3 | 227.3 | 14.3 | 0.25 | 13.8 | 14.7 | 379.5 | 279.5 |
| 9/26/2019 | 14.1 | 0.12 | 13.9 | 14.2 | 341.3 | 237.3 | 14.2 | 0.17 | 14.1 | 14.5 | 393.7 | 289.7 |
| 9/27/2019 | 14.0 | 0.19 | 13.8 | 14.3 | 355.3 | 247.3 | 14.3 | 0.06 | 14.2 | 14.3 | 408.0 | 300.0 |
| 9/28/2019 | 13.7 | 0.40 | 13.1 | 14.2 | 369.0 | 257.0 | 14.3 | 0.06 | 14.2 | 14.4 | 422.3 | 310.3 |
| 9/29/2019 | 13.6 | 0.42 | 13.0 | 14.1 | 382.6 | 266.6 | 14.1 | 0.17 | 13.8 | 14.4 | 436.4 | 320.4 |
| 9/30/2019 | 13.6 | 0.15 | 13.5 | 13.9 | 396.2 | 276.2 | 13.6 | 0.18 | 13.3 | 13.9 | 450.0 | 330.0 |

October

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/1/2019 | 13.4 | 0.07 | 13.3 | 13.5 | 13.4 | 9.4 | 13.2 | 0.09 | 13.0 | 13.3 | 13.2 | 9.2 |
| 10/2/2019 | 13.0 | 0.13 | 12.9 | 13.3 | 26.4 | 18.4 | 13.0 | 0.10 | 12.9 | 13.2 | 26.2 | 18.2 |
| 10/3/2019 | 12.7 | 0.09 | 12.5 | 12.8 | 39.1 | 27.1 | 12.6 | 0.12 | 12.4 | 12.8 | 38.7 | 26.7 |
| 10/4/2019 | 12.7 | 0.08 | 12.5 | 12.8 | 51.8 | 35.8 | 12.2 | 0.32 | 11.6 | 12.6 | 51.0 | 35.0 |
| 10/5/2019 | 12.1 | 0.15 | 11.9 | 12.4 | 63.9 | 43.9 | 12.0 | 0.20 | 11.8 | 12.4 | 63.0 | 43.0 |
| 10/6/2019 | 12.2 | 0.07 | 12.0 | 12.3 | 76.1 | 52.1 | 11.6 | 0.37 | 11.1 | 12.1 | 74.6 | 50.6 |
| 10/7/2019 | 12.1 | 0.06 | 12.0 | 12.2 | 88.2 | 60.2 | 12.0 | 0.30 | 11.3 | 12.3 | 86.5 | 58.5 |
| 10/8/2019 | 12.0 | 0.08 | 11.9 | 12.2 | 100.3 | 68.3 | 12.1 | 0.10 | 12.0 | 12.3 | 98.7 | 66.7 |
| 10/9/2019 | 11.9 | 0.09 | 11.8 | 12.0 | 112.2 | 76.2 | 12.0 | 0.16 | 11.8 | 12.4 | 110.7 | 74.7 |
| 10/10/2019 | 11.7 | 0.08 | 11.6 | 11.8 | 123.9 | 83.9 | 11.9 | 0.15 | 11.6 | 12.1 | 122.6 | 82.6 |
| 10/11/2019 | 11.6 | 0.07 | 11.4 | 11.6 | 135.4 | 91.4 | 12.0 | 0.14 | 11.8 | 12.2 | 134.6 | 90.6 |
| 10/12/2019 | 11.4 | 0.06 | 11.4 | 11.6 | 146.9 | 98.9 | 11.9 | 0.08 | 11.8 | 12.1 | 146.5 | 98.5 |
| 10/13/2019 | 11.6 | 0.05 | 11.5 | 11.7 | 158.5 | 106.5 | 11.8 | 0.15 | 11.6 | 12.0 | 158.3 | 106.3 |
| 10/14/2019 | 11.7 | 0.07 | 11.6 | 11.8 | 170.2 | 114.2 | 11.9 | 0.10 | 11.7 | 12.1 | 170.2 | 114.2 |
| 10/15/2019 | 11.6 | 0.11 | 11.4 | 11.8 | 181.8 | 121.8 | 11.9 | 0.07 | 11.8 | 12.1 | 182.1 | 122.1 |
| 10/16/2019 | 11.5 | 0.19 | 11.1 | 11.7 | 193.2 | 129.2 | 11.8 | 0.12 | 11.6 | 12.0 | 193.9 | 129.9 |
| 10/17/2019 | 11.3 | 0.33 | 10.8 | 11.6 | 204.6 | 136.6 | 11.6 | 0.12 | 11.2 | 11.7 | 205.4 | 137.4 |
| 10/18/2019 | 11.5 | 0.07 | 11.4 | 11.6 | 216.1 | 144.1 | 11.5 | 0.11 | 11.3 | 11.6 | 216.9 | 144.9 |
| 10/19/2019 | 11.2 | 0.11 | 11.1 | 11.5 | 227.4 | 151.4 | 11.1 | 0.06 | 11.1 | 11.3 | 228.1 | 152.1 |
| 10/20/2019 | 11.1 | 0.06 | 11.0 | 11.2 | 238.4 | 158.4 | 11.0 | 0.10 | 10.8 | 11.2 | 239.1 | 159.1 |
| 10/21/2019 | 11.2 | 0.03 | 11.1 | 11.2 | 249.6 | 165.6 | 10.8 | 0.14 | 10.6 | 11.0 | 249.9 | 165.9 |
| 10/22/2019 | 11.1 | 0.01 | 11.1 | 11.2 | 260.7 | 172.7 | 10.8 | 0.19 | 10.4 | 11.0 | 260.7 | 172.7 |
| 10/23/2019 | 11.1 | 0.07 | 10.9 | 11.1 | 271.8 | 179.8 | 11.1 | 0.06 | 11.0 | 11.1 | 271.8 | 179.8 |
| 10/24/2019 | 11.0 | 0.07 | 10.9 | 11.1 | 282.8 | 186.8 | 11.0 | 0.08 | 10.8 | 11.1 | 282.7 | 186.7 |
| 10/25/2019 | 11.0 | 0.06 | 10.9 | 11.1 | 293.8 | 193.8 | 10.8 | 0.15 | 10.5 | 10.9 | 293.5 | 193.5 |
| 10/26/2019 | 10.7 | 0.10 | 10.6 | 10.9 | 304.6 | 200.6 | 10.5 | 0.17 | 10.1 | 10.6 | 304.0 | 200.0 |
| 10/27/2019 | 10.6 | 0.05 | 10.5 | 10.6 | 315.2 | 207.2 | 10.1 | 0.18 | 9.8 | 10.4 | 314.1 | 206.1 |
| 10/28/2019 | 10.7 | 0.07 | 10.5 | 10.7 | 325.8 | 213.8 | 10.0 | 0.25 | 9.8 | 10.4 | 324.1 | 212.1 |
| 10/29/2019 | 10.6 | 0.11 | 10.4 | 10.7 | 336.4 | 220.4 | 9.7 | 0.26 | 9.5 | 10.2 | 333.8 | 217.8 |
| 10/30/2019 | 10.4 | 0.09 | 10.3 | 10.5 | 346.9 | 226.9 | 9.7 | 0.20 | 9.4 | 10.0 | 343.5 | 223.5 |
| 10/31/2019 | 10.1 | 0.14 | 10.0 | 10.4 | 357.0 | 233.0 | 10.0 | 0.19 | 9.8 | 10.3 | 353.6 | 229.6 |

November

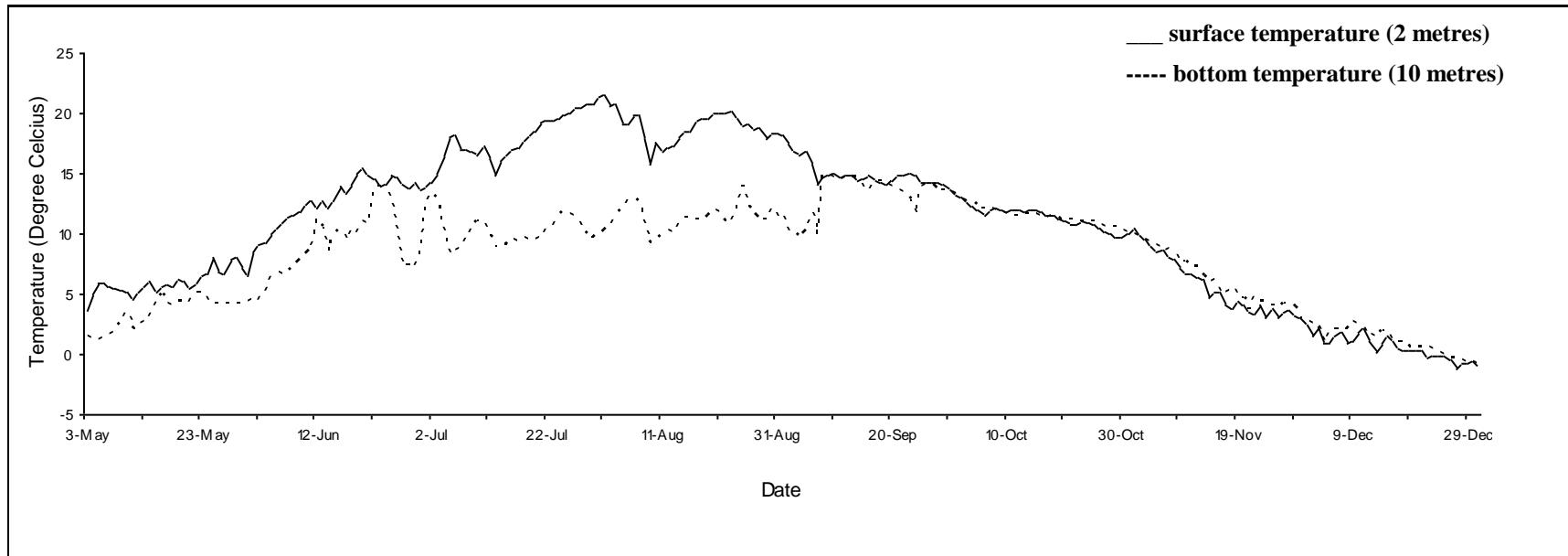
| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 11/1/2019 | 10.0 | 0.25 | 9.6 | 10.3 | 10.0 | 6.0 | 10.5 | 0.17 | 10.2 | 10.7 | 10.5 | 6.5 |
| 11/2/2019 | 9.7 | 0.22 | 9.5 | 10.2 | 19.8 | 11.8 | 9.9 | 0.16 | 9.6 | 10.1 | 20.4 | 12.4 |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 11/3/2019 | 9.5 | 0.13 | 9.3 | 9.6 | 29.2 | 17.2 | 9.5 | 0.09 | 9.4 | 9.7 | 29.9 | 17.9 |
| 11/4/2019 | 9.4 | 0.07 | 9.2 | 9.5 | 38.6 | 22.6 | 9.0 | 0.28 | 8.3 | 9.3 | 38.8 | 22.8 |
| 11/5/2019 | 9.0 | 0.22 | 8.7 | 9.4 | 47.6 | 27.6 | 8.4 | 0.32 | 8.1 | 9.0 | 47.2 | 27.2 |
| 11/6/2019 | 8.6 | 0.11 | 8.4 | 8.8 | 56.2 | 32.2 | 8.7 | 0.14 | 8.5 | 8.9 | 55.9 | 31.9 |
| 11/7/2019 | 8.8 | 0.20 | 8.5 | 9.1 | 65.0 | 37.0 | 8.0 | 0.29 | 7.5 | 8.5 | 63.9 | 35.9 |
| 11/8/2019 | 8.5 | 0.26 | 8.0 | 8.9 | 73.4 | 41.4 | 7.9 | 0.42 | 7.3 | 8.3 | 71.9 | 39.9 |
| 11/9/2019 | 7.7 | 0.40 | 7.0 | 8.2 | 81.1 | 45.1 | 7.2 | 0.46 | 6.0 | 7.8 | 79.0 | 43.0 |
| 11/10/2019 | 7.7 | 0.25 | 7.2 | 8.0 | 88.8 | 48.8 | 6.6 | 0.52 | 5.6 | 7.5 | 85.6 | 45.6 |
| 11/11/2019 | 7.4 | 0.36 | 7.0 | 7.8 | 96.2 | 52.2 | 6.6 | 0.23 | 6.1 | 6.9 | 92.2 | 48.2 |
| 11/12/2019 | 7.3 | 0.26 | 6.9 | 7.6 | 103.5 | 55.5 | 6.3 | 0.37 | 5.6 | 6.7 | 98.6 | 50.6 |
| 11/13/2019 | 6.6 | 0.46 | 5.9 | 7.3 | 110.1 | 58.1 | 6.2 | 0.22 | 5.8 | 6.6 | 104.8 | 52.8 |
| 11/14/2019 | 6.1 | 0.39 | 5.4 | 6.6 | 116.1 | 60.1 | 4.6 | 0.58 | 3.8 | 5.5 | 109.4 | 53.4 |
| 11/15/2019 | 6.2 | 0.33 | 5.6 | 6.7 | 122.3 | 62.3 | 5.2 | 0.51 | 4.4 | 6.2 | 114.6 | 54.6 |
| 11/16/2019 | 5.2 | 0.19 | 4.9 | 5.5 | 127.5 | 63.5 | 5.1 | 0.18 | 4.9 | 5.4 | 119.7 | 55.7 |
| 11/17/2019 | 5.1 | 0.30 | 4.7 | 5.6 | 132.6 | 64.6 | 4.1 | 0.97 | 2.7 | 4.9 | 123.8 | 55.8 |
| 11/18/2019 | 5.6 | 0.19 | 5.3 | 5.9 | 138.3 | 66.3 | 3.8 | 0.49 | 3.1 | 4.4 | 127.7 | 55.8 |
| 11/19/2019 | 4.8 | 0.45 | 4.5 | 5.9 | 143.1 | 67.1 | 4.4 | 0.55 | 3.6 | 4.9 | 132.0 | 56.2 |
| 11/20/2019 | 4.7 | 0.16 | 4.4 | 4.9 | 147.8 | 67.8 | 4.1 | 0.45 | 3.5 | 4.6 | 136.2 | 56.3 |
| 11/21/2019 | 3.8 | 0.39 | 3.3 | 4.7 | 151.7 | 67.8 | 3.5 | 0.46 | 3.0 | 4.6 | 139.7 | 56.3 |
| 11/22/2019 | 4.9 | 0.34 | 4.2 | 5.4 | 156.5 | 68.7 | 3.3 | 0.65 | 2.6 | 4.3 | 143.0 | 56.3 |
| 11/23/2019 | 4.4 | 0.62 | 3.6 | 5.3 | 160.9 | 69.1 | 4.1 | 0.39 | 3.5 | 4.6 | 147.1 | 56.5 |
| 11/24/2019 | 4.3 | 0.33 | 3.7 | 4.6 | 165.3 | 69.5 | 3.0 | 0.53 | 2.4 | 3.8 | 150.1 | 56.5 |
| 11/25/2019 | 4.1 | 0.41 | 3.5 | 4.6 | 169.4 | 69.6 | 3.7 | 0.48 | 3.0 | 4.3 | 153.8 | 56.5 |
| 11/26/2019 | 3.9 | 0.25 | 3.5 | 4.4 | 173.3 | 69.6 | 3.1 | 0.13 | 2.8 | 3.2 | 156.9 | 56.5 |
| 11/27/2019 | 4.3 | 0.15 | 4.1 | 4.5 | 177.6 | 69.9 | 3.5 | 0.51 | 2.5 | 4.1 | 160.4 | 56.5 |
| 11/28/2019 | 4.2 | 0.11 | 4.0 | 4.4 | 181.8 | 70.1 | 3.7 | 0.56 | 2.5 | 4.2 | 164.1 | 56.5 |
| 11/29/2019 | 3.9 | 0.19 | 3.6 | 4.2 | 185.7 | 70.1 | 3.1 | 0.37 | 2.8 | 3.9 | 167.2 | 56.5 |
| 11/30/2019 | 3.1 | 0.19 | 2.8 | 3.4 | 188.8 | 70.1 | 3.1 | 0.19 | 2.8 | 3.4 | 170.3 | 56.5 |

December

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 12/1/2019 | 2.8 | 0.24 | 2.5 | 3.2 | 2.8 | 0.0 | 2.5 | 0.57 | 1.6 | 3.2 | 2.5 | 0.0 |
| 12/2/2019 | 2.6 | 0.45 | 1.5 | 3.1 | 5.4 | 0.0 | 1.6 | 0.78 | 0.7 | 2.9 | 4.0 | 0.0 |
| 12/3/2019 | 2.6 | 0.38 | 1.9 | 3.2 | 8.0 | 0.0 | 2.3 | 0.45 | 1.5 | 2.8 | 6.3 | 0.0 |
| 12/4/2019 | 1.1 | 0.18 | 0.8 | 1.4 | 9.2 | 0.0 | 1.0 | 0.14 | 0.7 | 1.1 | 7.3 | 0.0 |
| 12/5/2019 | 2.0 | 0.37 | 1.3 | 2.6 | 11.2 | 0.0 | 0.9 | 0.16 | 0.5 | 1.2 | 8.2 | 0.0 |
| 12/6/2019 | 2.1 | 0.42 | 1.5 | 2.7 | 13.3 | 0.0 | 1.5 | 0.35 | 0.9 | 2.0 | 9.6 | 0.0 |
| 12/7/2019 | 2.1 | 0.07 | 2.0 | 2.2 | 15.5 | 0.0 | 1.8 | 0.30 | 1.4 | 2.1 | 11.5 | 0.0 |
| 12/8/2019 | 2.1 | 0.16 | 1.9 | 2.4 | 17.6 | 0.0 | 1.0 | 0.61 | -0.2 | 1.9 | 12.4 | 0.0 |
| 12/9/2019 | 2.8 | 0.18 | 2.4 | 3.0 | 20.4 | 0.0 | 1.1 | 0.31 | 0.3 | 1.5 | 13.5 | 0.0 |
| 12/10/2019 | 2.4 | 0.25 | 1.6 | 2.5 | 22.7 | 0.0 | 1.9 | 0.21 | 1.5 | 2.2 | 15.4 | 0.0 |
| 12/11/2019 | 2.2 | 0.14 | 2.0 | 2.5 | 24.9 | 0.0 | 2.1 | 0.20 | 1.7 | 2.4 | 17.5 | 0.0 |
| 12/12/2019 | 1.7 | 0.24 | 1.5 | 2.1 | 26.7 | 0.0 | 1.1 | 0.48 | 0.2 | 1.6 | 18.5 | 0.0 |
| 12/13/2019 | 1.6 | 0.41 | 0.9 | 2.1 | 28.3 | 0.0 | 0.2 | 0.45 | -0.4 | 1.2 | 18.7 | 0.0 |
| 12/14/2019 | 1.9 | 0.13 | 1.7 | 2.1 | 30.2 | 0.0 | 1.0 | 0.77 | -0.4 | 1.8 | 19.7 | 0.0 |
| 12/15/2019 | 1.9 | 0.23 | 1.6 | 2.3 | 32.1 | 0.0 | 1.6 | 0.18 | 1.1 | 1.8 | 21.3 | 0.0 |
| 12/16/2019 | 1.2 | 0.36 | 0.8 | 1.7 | 33.3 | 0.0 | 1.0 | 0.41 | 0.5 | 1.7 | 22.3 | 0.0 |
| 12/17/2019 | 1.0 | 0.06 | 0.9 | 1.1 | 34.3 | 0.0 | 0.4 | 0.28 | 0.1 | 0.9 | 22.6 | 0.0 |
| 12/18/2019 | 1.1 | 0.14 | 0.9 | 1.3 | 35.4 | 0.0 | 0.2 | 0.40 | -0.2 | 0.9 | 22.9 | 0.0 |
| 12/19/2019 | 0.6 | 0.25 | 0.4 | 1.2 | 36.0 | 0.0 | 0.4 | 0.16 | 0.1 | 0.5 | 23.3 | 0.0 |
| 12/20/2019 | 0.6 | 0.22 | 0.3 | 0.9 | 36.6 | 0.0 | 0.3 | 0.42 | -0.5 | 0.9 | 23.5 | 0.0 |
| 12/21/2019 | 0.6 | 0.14 | 0.4 | 0.8 | 37.2 | 0.0 | 0.2 | 0.34 | -0.3 | 0.7 | 23.8 | 0.0 |
| 12/22/2019 | 0.8 | 0.03 | 0.7 | 0.8 | 38.0 | 0.0 | -0.3 | 0.31 | -0.8 | 0.4 | 23.8 | 0.0 |
| 12/23/2019 | 0.4 | 0.26 | 0.2 | 0.8 | 38.4 | 0.0 | -0.1 | 0.34 | -0.7 | 0.3 | 23.8 | 0.0 |
| 12/24/2019 | 0.2 | 0.12 | 0.0 | 0.4 | 38.6 | 0.0 | -0.1 | 0.27 | -0.7 | 0.1 | 23.8 | 0.0 |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 12/25/2019 | 0.0 | 0.05 | -0.1 | 0.1 | 38.6 | 0.0 | -0.2 | 0.16 | -0.5 | -0.1 | 23.8 | 0.0 |
| 12/26/2019 | -0.3 | 0.09 | -0.4 | -0.1 | 38.6 | 0.0 | -0.5 | 0.13 | -0.6 | -0.2 | 23.8 | 0.0 |
| 12/27/2019 | -0.4 | 0.11 | -0.5 | -0.2 | 38.6 | 0.0 | -1.2 | 0.09 | -1.4 | -1.1 | 23.8 | 0.0 |
| 12/28/2019 | -0.4 | 0.09 | -0.5 | -0.2 | 38.6 | 0.0 | -0.8 | 0.27 | -1.1 | -0.5 | 23.8 | 0.0 |
| 12/29/2019 | -0.6 | 0.11 | -0.8 | -0.4 | 38.6 | 0.0 | -0.7 | 0.13 | -0.9 | -0.5 | 23.8 | 0.0 |
| 12/30/2019 | -0.6 | 0.06 | -0.7 | -0.5 | 38.6 | 0.0 | -0.7 | 0.05 | -0.8 | -0.6 | 23.8 | 0.0 |
| 12/31/2019 | -0.7 | 0.05 | -0.8 | -0.6 | 38.6 | 0.0 | -0.8 | 0.06 | -1.0 | -0.8 | 23.8 | 0.0 |



Daily mean temperature for Escuminac, N.B., 2019.

Fortune 1, P.E.I.

2019

July

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/6/2019 | 12.0 | 0.54 | 11.4 | 12.9 | 12.0 | 8.0 | NA | NA | NA | NA | NA | NA |
| 7/7/2019 | 11.7 | 0.66 | 11.0 | 13.2 | 23.7 | 15.7 | NA | NA | NA | NA | NA | NA |
| 7/8/2019 | 12.5 | 0.54 | 11.7 | 13.2 | 36.3 | 24.3 | NA | NA | NA | NA | NA | NA |
| 7/9/2019 | 13.8 | 0.37 | 13.3 | 14.3 | 50.0 | 34.0 | NA | NA | NA | NA | NA | NA |
| 7/10/2019 | 14.7 | 0.38 | 14.1 | 15.5 | 64.7 | 44.7 | NA | NA | NA | NA | NA | NA |
| 7/11/2019 | 16.0 | 0.46 | 15.6 | 16.7 | 80.7 | 56.7 | NA | NA | NA | NA | NA | NA |
| 7/12/2019 | 16.4 | 0.10 | 16.1 | 16.5 | 97.0 | 69.0 | NA | NA | NA | NA | NA | NA |
| 7/13/2019 | 16.7 | 0.16 | 16.3 | 16.9 | 113.7 | 81.7 | NA | NA | NA | NA | NA | NA |
| 7/14/2019 | 16.1 | 0.65 | 15.1 | 16.8 | 129.8 | 93.8 | NA | NA | NA | NA | NA | NA |
| 7/15/2019 | 13.1 | 0.76 | 12.1 | 14.2 | 142.9 | 102.9 | NA | NA | NA | NA | NA | NA |
| 7/16/2019 | 11.9 | 0.52 | 11.2 | 12.9 | 154.8 | 110.8 | NA | NA | NA | NA | NA | NA |
| 7/17/2019 | 13.3 | 1.10 | 12.1 | 15.1 | 168.0 | 120.0 | NA | NA | NA | NA | NA | NA |
| 7/18/2019 | 14.9 | 0.70 | 13.8 | 16.0 | 183.0 | 131.0 | NA | NA | NA | NA | NA | NA |
| 7/19/2019 | 17.1 | 0.94 | 15.8 | 18.5 | 200.1 | 144.1 | NA | NA | NA | NA | NA | NA |
| 7/20/2019 | 17.3 | 0.74 | 15.8 | 18.0 | 217.4 | 157.4 | NA | NA | NA | NA | NA | NA |
| 7/21/2019 | 17.5 | 0.67 | 16.7 | 18.5 | 234.9 | 170.9 | NA | NA | NA | NA | NA | NA |
| 7/22/2019 | 17.8 | 0.47 | 17.0 | 18.6 | 252.7 | 184.7 | NA | NA | NA | NA | NA | NA |
| 7/23/2019 | 17.9 | 0.62 | 17.5 | 19.5 | 270.6 | 198.6 | NA | NA | NA | NA | NA | NA |
| 7/24/2019 | 18.5 | 0.53 | 17.4 | 19.4 | 289.2 | 213.2 | NA | NA | NA | NA | NA | NA |
| 7/25/2019 | 17.7 | 0.83 | 16.4 | 19.2 | 306.9 | 226.9 | NA | NA | NA | NA | NA | NA |
| 7/26/2019 | 17.9 | 0.68 | 16.5 | 19.1 | 324.8 | 240.8 | NA | NA | NA | NA | NA | NA |
| 7/27/2019 | 18.2 | 0.64 | 16.7 | 19.3 | 342.9 | 254.9 | NA | NA | NA | NA | NA | NA |
| 7/28/2019 | 17.4 | 0.72 | 16.3 | 18.4 | 360.3 | 268.3 | NA | NA | NA | NA | NA | NA |
| 7/29/2019 | 18.3 | 0.81 | 16.9 | 19.9 | 378.6 | 282.6 | NA | NA | NA | NA | NA | NA |
| 7/30/2019 | 17.3 | 1.70 | 14.8 | 19.9 | 395.9 | 295.9 | NA | NA | NA | NA | NA | NA |
| 7/31/2019 | 18.8 | 1.27 | 16.6 | 21.4 | 414.7 | 310.7 | NA | NA | NA | NA | NA | NA |

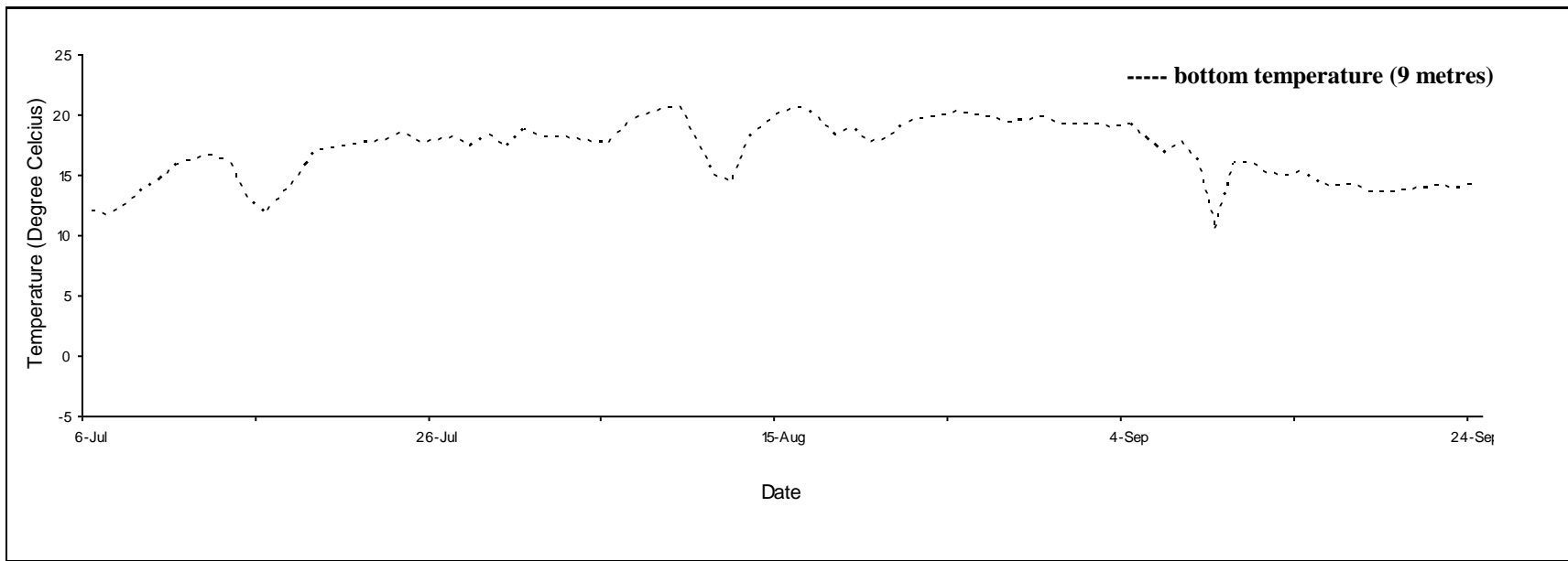
August

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/1/2019 | 18.2 | 1.27 | 15.6 | 20.1 | 18.2 | 14.2 | NA | NA | NA | NA | NA | NA |
| 8/2/2019 | 18.2 | 1.46 | 15.0 | 20.2 | 36.4 | 28.4 | NA | NA | NA | NA | NA | NA |
| 8/3/2019 | 18.0 | 1.12 | 15.7 | 19.7 | 54.4 | 42.4 | NA | NA | NA | NA | NA | NA |
| 8/4/2019 | 17.7 | 0.98 | 15.7 | 18.9 | 72.0 | 56.0 | NA | NA | NA | NA | NA | NA |
| 8/5/2019 | 17.7 | 1.01 | 16.5 | 19.7 | 89.7 | 69.7 | NA | NA | NA | NA | NA | NA |
| 8/6/2019 | 19.4 | 0.92 | 17.7 | 20.5 | 109.1 | 85.1 | NA | NA | NA | NA | NA | NA |
| 8/7/2019 | 20.0 | 0.43 | 19.5 | 20.6 | 129.1 | 101.1 | NA | NA | NA | NA | NA | NA |
| 8/8/2019 | 20.4 | 0.22 | 20.1 | 21.0 | 149.5 | 117.5 | NA | NA | NA | NA | NA | NA |
| 8/9/2019 | 20.8 | 0.51 | 20.1 | 21.6 | 170.3 | 134.3 | NA | NA | NA | NA | NA | NA |
| 8/10/2019 | 17.7 | 1.04 | 16.1 | 19.0 | 188.0 | 148.0 | NA | NA | NA | NA | NA | NA |
| 8/11/2019 | 15.0 | 1.35 | 13.2 | 17.8 | 203.0 | 159.0 | NA | NA | NA | NA | NA | NA |
| 8/12/2019 | 14.4 | 1.92 | 11.2 | 16.8 | 217.3 | 169.3 | NA | NA | NA | NA | NA | NA |
| 8/13/2019 | 18.0 | 1.70 | 14.8 | 20.0 | 235.3 | 183.3 | NA | NA | NA | NA | NA | NA |
| 8/14/2019 | 19.4 | 0.95 | 17.5 | 20.7 | 254.7 | 198.7 | NA | NA | NA | NA | NA | NA |
| 8/15/2019 | 20.4 | 0.79 | 18.8 | 21.6 | 275.1 | 215.1 | NA | NA | NA | NA | NA | NA |
| 8/16/2019 | 20.6 | 0.37 | 19.9 | 21.1 | 295.7 | 231.7 | NA | NA | NA | NA | NA | NA |
| 8/17/2019 | 19.9 | 0.78 | 18.8 | 21.3 | 315.6 | 247.6 | NA | NA | NA | NA | NA | NA |
| 8/18/2019 | 18.4 | 1.45 | 14.9 | 19.8 | 333.9 | 261.9 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/19/2019 | 19.0 | 1.08 | 16.6 | 20.0 | 352.9 | 276.9 | NA | NA | NA | NA | NA | NA |
| 8/20/2019 | 17.8 | 1.09 | 16.1 | 19.8 | 1.09 | 290.7 | NA | NA | NA | NA | NA | NA |
| 8/21/2019 | 18.1 | 2.12 | 15.2 | 21.0 | 388.8 | 304.8 | NA | NA | NA | NA | NA | NA |
| 8/22/2019 | 19.3 | 0.81 | 17.5 | 20.3 | 408.1 | 320.1 | NA | NA | NA | NA | NA | NA |
| 8/23/2019 | 19.6 | 1.07 | 17.2 | 20.9 | 427.7 | 335.7 | NA | NA | NA | NA | NA | NA |
| 8/24/2019 | 19.8 | 0.75 | 17.7 | 20.4 | 447.5 | 351.5 | NA | NA | NA | NA | NA | NA |
| 8/25/2019 | 20.3 | 0.15 | 20.0 | 20.5 | 467.8 | 367.8 | NA | NA | NA | NA | NA | NA |
| 8/26/2019 | 20.0 | 0.17 | 19.8 | 20.4 | 487.8 | 383.8 | NA | NA | NA | NA | NA | NA |
| 8/27/2019 | 19.8 | 0.21 | 19.5 | 20.1 | 507.6 | 399.6 | NA | NA | NA | NA | NA | NA |
| 8/28/2019 | 19.4 | 0.17 | 19.0 | 19.8 | 527.0 | 415.0 | NA | NA | NA | NA | NA | NA |
| 8/29/2019 | 19.6 | 0.30 | 18.8 | 20.0 | 546.7 | 430.7 | NA | NA | NA | NA | NA | NA |
| 8/30/2019 | 19.8 | 0.06 | 19.7 | 19.9 | 566.4 | 446.4 | NA | NA | NA | NA | NA | NA |
| 8/31/2019 | 19.2 | 0.65 | 18.2 | 20.0 | 585.6 | 461.6 | NA | NA | NA | NA | NA | NA |

September

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/1/2019 | 19.3 | 0.36 | 18.5 | 19.8 | 19.3 | 15.3 | NA | NA | NA | NA | NA | NA |
| 9/2/2019 | 19.3 | 0.42 | 18.2 | 19.7 | 38.5 | 30.5 | NA | NA | NA | NA | NA | NA |
| 9/3/2019 | 19.0 | 0.30 | 18.4 | 19.4 | 57.5 | 45.5 | NA | NA | NA | NA | NA | NA |
| 9/4/2019 | 19.2 | 0.30 | 18.6 | 19.5 | 76.7 | 60.7 | NA | NA | NA | NA | NA | NA |
| 9/5/2019 | 18.1 | 1.00 | 16.5 | 19.4 | 94.8 | 74.8 | NA | NA | NA | NA | NA | NA |
| 9/6/2019 | 16.8 | 1.67 | 14.5 | 18.6 | 111.6 | 87.6 | NA | NA | NA | NA | NA | NA |
| 9/7/2019 | 17.9 | 0.48 | 16.6 | 18.3 | 129.5 | 101.5 | NA | NA | NA | NA | NA | NA |
| 9/8/2019 | 15.9 | 1.82 | 12.8 | 17.9 | 145.4 | 113.4 | NA | NA | NA | NA | NA | NA |
| 9/9/2019 | 10.4 | 4.18 | 5.9 | 17.0 | 155.8 | 119.8 | NA | NA | NA | NA | NA | NA |
| 9/10/2019 | 16.0 | 0.60 | 14.6 | 16.6 | 171.8 | 131.8 | NA | NA | NA | NA | NA | NA |
| 9/11/2019 | 16.1 | 0.61 | 14.9 | 16.8 | 187.9 | 143.9 | NA | NA | NA | NA | NA | NA |
| 9/12/2019 | 15.2 | 0.54 | 14.1 | 16.0 | 203.1 | 155.1 | NA | NA | NA | NA | NA | NA |
| 9/13/2019 | 14.9 | 0.63 | 14.0 | 15.8 | 218.0 | 166.0 | NA | NA | NA | NA | NA | NA |
| 9/14/2019 | 15.3 | 0.42 | 14.6 | 16.0 | 233.3 | 177.3 | NA | NA | NA | NA | NA | NA |
| 9/15/2019 | 14.2 | 0.25 | 13.9 | 14.6 | 247.5 | 187.5 | NA | NA | NA | NA | NA | NA |
| 9/16/2019 | 14.2 | 0.29 | 13.8 | 14.6 | 261.7 | 197.7 | NA | NA | NA | NA | NA | NA |
| 9/17/2019 | 14.2 | 0.19 | 14.0 | 14.5 | 275.9 | 207.9 | NA | NA | NA | NA | NA | NA |
| 9/18/2019 | 13.7 | 0.09 | 13.6 | 13.8 | 289.6 | 217.6 | NA | NA | NA | NA | NA | NA |
| 9/19/2019 | 13.6 | 0.17 | 13.4 | 13.9 | 303.2 | 227.2 | NA | NA | NA | NA | NA | NA |
| 9/20/2019 | 13.8 | 0.11 | 13.7 | 14.1 | 317.0 | 237.0 | NA | NA | NA | NA | NA | NA |
| 9/21/2019 | 13.9 | 0.10 | 13.8 | 14.0 | 330.9 | 246.9 | NA | NA | NA | NA | NA | NA |
| 9/22/2019 | 14.1 | 0.17 | 13.9 | 14.5 | 345.1 | 257.1 | NA | NA | NA | NA | NA | NA |
| 9/23/2019 | 13.9 | 0.08 | 13.8 | 14.1 | 359.0 | 267.0 | NA | NA | NA | NA | NA | NA |
| 9/24/2019 | 14.4 | 0.14 | 14.0 | 14.5 | 373.4 | 277.4 | NA | NA | NA | NA | NA | NA |



Daily mean temperature for Fortune 1, P.E.I., 2019.

Fortune 2, P.E.I.

2019

July

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/6/2019 | 9.6 | 0.25 | 9.2 | 9.9 | 9.6 | 5.6 | NA | NA | NA | NA | NA | NA |
| 7/7/2019 | 10.0 | 0.23 | 9.4 | 10.2 | 19.6 | 11.6 | NA | NA | NA | NA | NA | NA |
| 7/8/2019 | 11.0 | 0.51 | 10.3 | 11.7 | 30.6 | 18.6 | NA | NA | NA | NA | NA | NA |
| 7/9/2019 | 12.5 | 0.38 | 12.0 | 13.1 | 43.1 | 27.1 | NA | NA | NA | NA | NA | NA |
| 7/10/2019 | 13.7 | 0.95 | 12.5 | 15.3 | 56.8 | 36.8 | NA | NA | NA | NA | NA | NA |
| 7/11/2019 | 14.8 | 0.75 | 13.4 | 15.7 | 71.6 | 47.6 | NA | NA | NA | NA | NA | NA |
| 7/12/2019 | 15.3 | 0.83 | 14.1 | 16.1 | 86.9 | 58.9 | NA | NA | NA | NA | NA | NA |
| 7/13/2019 | 11.8 | 1.60 | 9.8 | 14.4 | 98.7 | 66.7 | NA | NA | NA | NA | NA | NA |
| 7/14/2019 | 9.0 | 0.44 | 8.3 | 9.8 | 107.7 | 71.7 | NA | NA | NA | NA | NA | NA |
| 7/15/2019 | 8.0 | 0.62 | 7.4 | 9.0 | 115.7 | 75.7 | NA | NA | NA | NA | NA | NA |
| 7/16/2019 | 8.2 | 0.93 | 7.3 | 10.3 | 123.8 | 79.8 | NA | NA | NA | NA | NA | NA |
| 7/17/2019 | 11.4 | 0.92 | 10.4 | 12.7 | 135.2 | 87.2 | NA | NA | NA | NA | NA | NA |
| 7/18/2019 | 11.2 | 1.33 | 9.0 | 13.5 | 146.3 | 94.3 | NA | NA | NA | NA | NA | NA |
| 7/19/2019 | 15.5 | 1.26 | 12.8 | 17.0 | 161.9 | 105.9 | NA | NA | NA | NA | NA | NA |
| 7/20/2019 | 12.3 | 2.00 | 8.4 | 15.4 | 174.1 | 114.1 | NA | NA | NA | NA | NA | NA |
| 7/21/2019 | 12.4 | 1.57 | 10.4 | 14.7 | 186.5 | 122.5 | NA | NA | NA | NA | NA | NA |
| 7/22/2019 | 11.4 | 2.21 | 8.5 | 15.5 | 197.9 | 129.9 | NA | NA | NA | NA | NA | NA |
| 7/23/2019 | 13.5 | 1.85 | 10.7 | 16.6 | 211.4 | 139.4 | NA | NA | NA | NA | NA | NA |
| 7/24/2019 | 11.9 | 1.84 | 9.3 | 14.9 | 223.4 | 147.4 | NA | NA | NA | NA | NA | NA |
| 7/25/2019 | 12.2 | 1.08 | 9.7 | 13.4 | 235.6 | 155.6 | NA | NA | NA | NA | NA | NA |
| 7/26/2019 | 12.3 | 1.39 | 10.0 | 14.4 | 247.9 | 163.9 | NA | NA | NA | NA | NA | NA |
| 7/27/2019 | 12.3 | 1.65 | 9.1 | 14.6 | 260.2 | 172.2 | NA | NA | NA | NA | NA | NA |
| 7/28/2019 | 11.1 | 2.02 | 7.8 | 13.8 | 271.4 | 179.4 | NA | NA | NA | NA | NA | NA |
| 7/29/2019 | 11.8 | 2.37 | 9.2 | 15.7 | 283.2 | 187.2 | NA | NA | NA | NA | NA | NA |
| 7/30/2019 | 11.7 | 2.32 | 8.3 | 14.9 | 294.9 | 194.9 | NA | NA | NA | NA | NA | NA |
| 7/31/2019 | 13.1 | 2.89 | 9.9 | 18.3 | 308.0 | 204.0 | NA | NA | NA | NA | NA | NA |

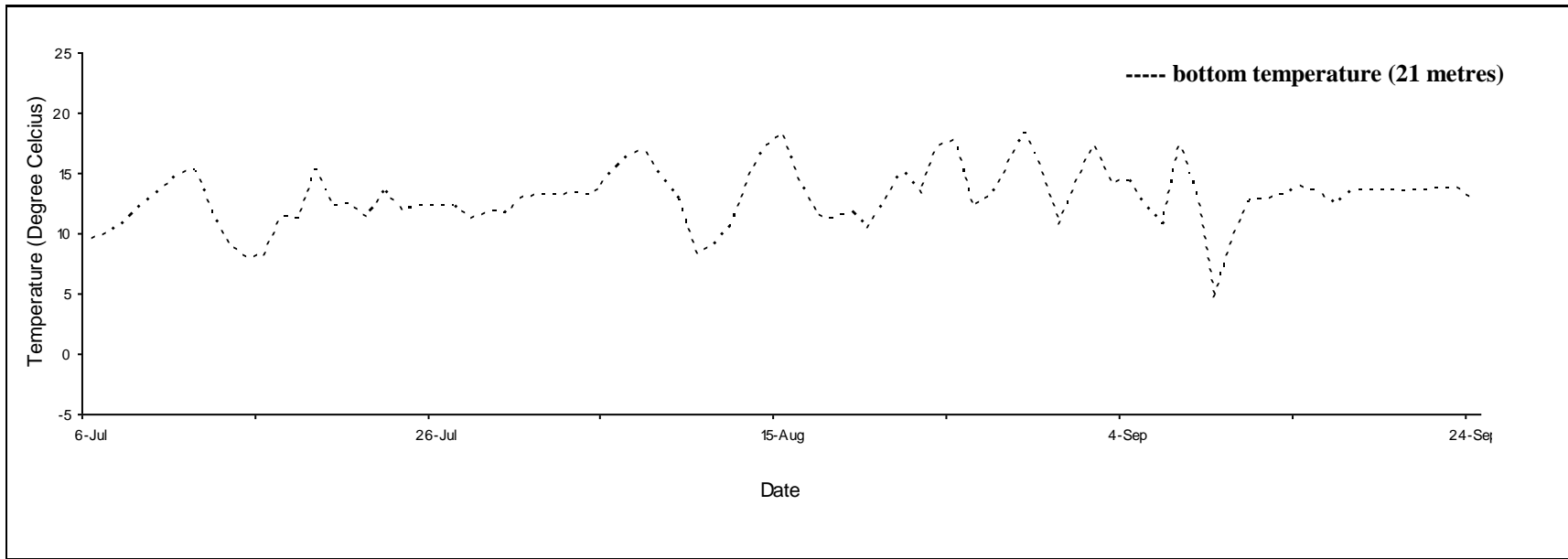
August

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/1/2019 | 13.3 | 2.53 | 9.4 | 16.5 | 13.3 | 9.3 | NA | NA | NA | NA | NA | NA |
| 8/2/2019 | 13.2 | 2.60 | 8.7 | 16.9 | 26.4 | 18.4 | NA | NA | NA | NA | NA | NA |
| 8/3/2019 | 13.3 | 2.40 | 9.3 | 16.7 | 39.7 | 27.7 | NA | NA | NA | NA | NA | NA |
| 8/4/2019 | 13.1 | 1.99 | 9.9 | 15.6 | 52.8 | 36.8 | NA | NA | NA | NA | NA | NA |
| 8/5/2019 | 14.8 | 1.56 | 12.4 | 17.5 | 67.7 | 47.7 | NA | NA | NA | NA | NA | NA |
| 8/6/2019 | 16.4 | 1.87 | 13.1 | 18.7 | 84.0 | 60.0 | NA | NA | NA | NA | NA | NA |
| 8/7/2019 | 17.0 | 1.97 | 12.8 | 19.7 | 101.1 | 73.1 | NA | NA | NA | NA | NA | NA |
| 8/8/2019 | 14.5 | 2.23 | 11.1 | 17.8 | 115.6 | 83.6 | NA | NA | NA | NA | NA | NA |
| 8/9/2019 | 12.8 | 4.02 | 8.5 | 19.8 | 128.4 | 92.4 | NA | NA | NA | NA | NA | NA |
| 8/10/2019 | 8.3 | 0.27 | 7.8 | 8.6 | 136.7 | 96.7 | NA | NA | NA | NA | NA | NA |
| 8/11/2019 | 9.0 | 1.66 | 7.4 | 12.2 | 145.7 | 101.7 | NA | NA | NA | NA | NA | NA |
| 8/12/2019 | 10.6 | 2.17 | 7.0 | 13.2 | 156.3 | 108.3 | NA | NA | NA | NA | NA | NA |
| 8/13/2019 | 14.4 | 2.01 | 10.3 | 17.1 | 170.7 | 118.7 | NA | NA | NA | NA | NA | NA |
| 8/14/2019 | 17.2 | 2.49 | 11.9 | 19.1 | 187.9 | 131.9 | NA | NA | NA | NA | NA | NA |
| 8/15/2019 | 18.3 | 1.69 | 15.6 | 20.4 | 206.1 | 146.1 | NA | NA | NA | NA | NA | NA |
| 8/16/2019 | 14.4 | 2.68 | 11.6 | 18.9 | 220.5 | 156.5 | NA | NA | NA | NA | NA | NA |
| 8/17/2019 | 11.5 | 1.86 | 9.1 | 14.4 | 232.1 | 164.1 | NA | NA | NA | NA | NA | NA |
| 8/18/2019 | 11.3 | 1.29 | 9.5 | 13.1 | 243.3 | 171.3 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/19/2019 | 11.9 | 2.16 | 9.4 | 15.0 | 255.2 | 179.2 | NA | NA | NA | NA | NA | NA |
| 8/20/2019 | 10.5 | 1.30 | 8.8 | 12.9 | 265.7 | 185.7 | NA | NA | NA | NA | NA | NA |
| 8/21/2019 | 12.9 | 2.46 | 9.7 | 16.7 | 278.6 | 194.6 | NA | NA | NA | NA | NA | NA |
| 8/22/2019 | 15.2 | 2.48 | 10.0 | 17.8 | 293.8 | 205.8 | NA | NA | NA | NA | NA | NA |
| 8/23/2019 | 13.3 | 2.31 | 9.9 | 16.4 | 307.1 | 215.1 | NA | NA | NA | NA | NA | NA |
| 8/24/2019 | 17.2 | 3.13 | 10.7 | 20.5 | 324.3 | 228.3 | NA | NA | NA | NA | NA | NA |
| 8/25/2019 | 17.8 | 4.72 | 9.6 | 20.6 | 342.1 | 242.1 | NA | NA | NA | NA | NA | NA |
| 8/26/2019 | 12.3 | 2.47 | 9.9 | 18.4 | 354.4 | 250.4 | NA | NA | NA | NA | NA | NA |
| 8/27/2019 | 13.0 | 2.25 | 8.9 | 16.1 | 367.4 | 259.4 | NA | NA | NA | NA | NA | NA |
| 8/28/2019 | 15.5 | 2.93 | 9.4 | 18.5 | 382.9 | 270.9 | NA | NA | NA | NA | NA | NA |
| 8/29/2019 | 18.5 | 1.13 | 16.4 | 19.7 | 401.4 | 285.4 | NA | NA | NA | NA | NA | NA |
| 8/30/2019 | 15.2 | 3.02 | 10.9 | 18.7 | 416.7 | 296.7 | NA | NA | NA | NA | NA | NA |
| 8/31/2019 | 10.8 | 2.02 | 7.5 | 14.3 | 427.5 | 303.5 | NA | NA | NA | NA | NA | NA |

September

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/1/2019 | 14.2 | 2.38 | 10.5 | 17.1 | 14.2 | 10.2 | NA | NA | NA | NA | NA | NA |
| 9/2/2019 | 17.4 | 0.65 | 16.1 | 18.1 | 31.6 | 23.6 | NA | NA | NA | NA | NA | NA |
| 9/3/2019 | 14.2 | 2.45 | 10.6 | 17.8 | 45.8 | 33.8 | NA | NA | NA | NA | NA | NA |
| 9/4/2019 | 14.4 | 2.01 | 11.2 | 17.0 | 60.2 | 44.2 | NA | NA | NA | NA | NA | NA |
| 9/5/2019 | 12.2 | 3.27 | 8.1 | 16.0 | 72.4 | 52.4 | NA | NA | NA | NA | NA | NA |
| 9/6/2019 | 10.8 | 2.67 | 7.6 | 14.7 | 83.2 | 59.2 | NA | NA | NA | NA | NA | NA |
| 9/7/2019 | 17.5 | 1.39 | 14.3 | 18.5 | 100.6 | 72.6 | NA | NA | NA | NA | NA | NA |
| 9/8/2019 | 12.8 | 6.72 | 4.3 | 18.5 | 113.5 | 81.5 | NA | NA | NA | NA | NA | NA |
| 9/9/2019 | 4.6 | 0.94 | 3.6 | 6.2 | 118.0 | 82.0 | NA | NA | NA | NA | NA | NA |
| 9/10/2019 | 9.6 | 2.31 | 5.3 | 12.1 | 127.6 | 87.6 | NA | NA | NA | NA | NA | NA |
| 9/11/2019 | 12.7 | 1.02 | 11.1 | 13.6 | 140.3 | 96.3 | NA | NA | NA | NA | NA | NA |
| 9/12/2019 | 12.9 | 0.21 | 12.5 | 13.3 | 153.2 | 105.2 | NA | NA | NA | NA | NA | NA |
| 9/13/2019 | 13.2 | 0.22 | 12.9 | 13.6 | 166.4 | 114.4 | NA | NA | NA | NA | NA | NA |
| 9/14/2019 | 14.0 | 0.10 | 13.8 | 14.1 | 180.4 | 124.4 | NA | NA | NA | NA | NA | NA |
| 9/15/2019 | 13.5 | 0.38 | 12.6 | 13.9 | 193.8 | 133.8 | NA | NA | NA | NA | NA | NA |
| 9/16/2019 | 12.4 | 0.24 | 12.1 | 12.8 | 206.2 | 142.2 | NA | NA | NA | NA | NA | NA |
| 9/17/2019 | 13.6 | 0.34 | 12.9 | 13.9 | 219.8 | 151.8 | NA | NA | NA | NA | NA | NA |
| 9/18/2019 | 13.7 | 0.09 | 13.5 | 13.8 | 233.4 | 161.4 | NA | NA | NA | NA | NA | NA |
| 9/19/2019 | 13.6 | 0.04 | 13.5 | 13.7 | 247.0 | 171.0 | NA | NA | NA | NA | NA | NA |
| 9/20/2019 | 13.5 | 0.08 | 13.4 | 13.6 | 260.6 | 180.6 | NA | NA | NA | NA | NA | NA |
| 9/21/2019 | 13.6 | 0.07 | 13.6 | 13.7 | 274.2 | 190.2 | NA | NA | NA | NA | NA | NA |
| 9/22/2019 | 13.8 | 0.07 | 13.7 | 13.9 | 287.9 | 199.9 | NA | NA | NA | NA | NA | NA |
| 9/23/2019 | 13.8 | 0.03 | 13.8 | 13.9 | 301.8 | 209.8 | NA | NA | NA | NA | NA | NA |
| 9/24/2019 | 12.8 | 0.83 | 11.6 | 13.8 | 314.6 | 218.6 | NA | NA | NA | NA | NA | NA |



Daily mean temperature for Fortune 2, P.E.I., 2019.

Indian Rocks, P.E.I.

2019

April

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 4/27/2019 | 1.5 | 0.17 | 1.3 | 1.7 | 1.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/28/2019 | 1.5 | 0.08 | 1.3 | 1.7 | 3.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/29/2019 | 1.7 | 0.11 | 1.6 | 2.0 | 4.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/30/2019 | 2.1 | 0.14 | 1.9 | 2.3 | 6.9 | 0.0 | NA | NA | NA | NA | NA | NA |

May

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 5/1/2019 | 2.5 | 0.12 | 2.3 | 2.6 | 2.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/2/2019 | 2.6 | 0.13 | 2.4 | 2.8 | 5.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/3/2019 | 2.7 | 0.15 | 2.5 | 3.0 | 7.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/4/2019 | 2.8 | 0.25 | 2.3 | 3.1 | 10.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/5/2019 | 2.8 | 0.36 | 2.3 | 3.3 | 13.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/6/2019 | 3.0 | 0.44 | 2.3 | 3.6 | 16.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/7/2019 | 3.1 | 0.48 | 2.5 | 3.7 | 19.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/8/2019 | 3.4 | 0.52 | 2.6 | 4.0 | 22.9 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/9/2019 | 3.9 | 0.43 | 3.1 | 4.4 | 26.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/10/2019 | 3.9 | 0.35 | 3.3 | 4.5 | 30.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/11/2019 | 3.5 | 0.55 | 2.8 | 4.3 | 34.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/12/2019 | 3.9 | 0.59 | 3.0 | 4.5 | 38.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/13/2019 | 4.0 | 0.46 | 3.3 | 4.6 | 42.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/14/2019 | 4.0 | 0.47 | 3.3 | 4.7 | 46.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/15/2019 | 4.3 | 0.25 | 4.0 | 4.6 | 50.5 | 0.3 | NA | NA | NA | NA | NA | NA |
| 5/16/2019 | 4.4 | 0.15 | 4.1 | 4.6 | 54.8 | 0.7 | NA | NA | NA | NA | NA | NA |
| 5/17/2019 | 4.6 | 0.14 | 4.4 | 4.8 | 59.4 | 1.3 | NA | NA | NA | NA | NA | NA |
| 5/18/2019 | 4.7 | 0.21 | 4.4 | 5.1 | 64.2 | 2.0 | NA | NA | NA | NA | NA | NA |
| 5/19/2019 | 4.9 | 0.30 | 4.3 | 5.3 | 69.0 | 2.9 | NA | NA | NA | NA | NA | NA |
| 5/20/2019 | 4.9 | 0.38 | 4.2 | 5.3 | 73.9 | 3.8 | NA | NA | NA | NA | NA | NA |
| 5/21/2019 | 4.7 | 0.54 | 4.0 | 5.4 | 78.6 | 4.5 | NA | NA | NA | NA | NA | NA |
| 5/22/2019 | 5.0 | 0.47 | 4.1 | 5.4 | 83.6 | 5.5 | NA | NA | NA | NA | NA | NA |
| 5/23/2019 | 5.2 | 0.22 | 4.9 | 5.6 | 88.8 | 6.7 | NA | NA | NA | NA | NA | NA |
| 5/24/2019 | 5.2 | 0.28 | 4.8 | 5.6 | 94.0 | 7.9 | NA | NA | NA | NA | NA | NA |
| 5/25/2019 | 5.3 | 0.36 | 4.7 | 5.8 | 99.3 | 9.2 | NA | NA | NA | NA | NA | NA |
| 5/26/2019 | 5.3 | 0.36 | 4.8 | 5.9 | 104.7 | 10.5 | NA | NA | NA | NA | NA | NA |
| 5/27/2019 | 5.2 | 0.37 | 4.6 | 5.8 | 109.8 | 11.7 | NA | NA | NA | NA | NA | NA |
| 5/28/2019 | 5.3 | 0.42 | 4.8 | 5.9 | 115.1 | 13.0 | NA | NA | NA | NA | NA | NA |
| 5/29/2019 | 5.0 | 0.77 | 4.0 | 6.1 | 120.1 | 14.0 | NA | NA | NA | NA | NA | NA |
| 5/30/2019 | 4.5 | 0.71 | 3.7 | 5.9 | 124.6 | 14.5 | NA | NA | NA | NA | NA | NA |
| 5/31/2019 | 4.3 | 0.55 | 3.3 | 5.0 | 129.0 | 14.9 | NA | NA | NA | NA | NA | NA |

June

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/1/2019 | 4.5 | 0.79 | 3.1 | 5.8 | 4.5 | 0.5 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/2/2019 | 4.5 | 1.00 | 3.3 | 6.3 | 9.0 | 1.0 | NA | NA | NA | NA | NA | NA |
| 6/3/2019 | 5.3 | 0.97 | 3.7 | 6.7 | 14.3 | 2.3 | NA | NA | NA | NA | NA | NA |
| 6/4/2019 | 5.2 | 1.22 | 3.4 | 6.7 | 19.4 | 3.4 | NA | NA | NA | NA | NA | NA |
| 6/5/2019 | 5.1 | 1.10 | 3.4 | 6.7 | 24.6 | 4.6 | NA | NA | NA | NA | NA | NA |
| 6/6/2019 | 5.0 | 0.93 | 3.8 | 6.3 | 29.5 | 5.5 | NA | NA | NA | NA | NA | NA |
| 6/7/2019 | 4.9 | 0.90 | 3.7 | 6.1 | 34.4 | 6.4 | NA | NA | NA | NA | NA | NA |
| 6/8/2019 | 5.0 | 0.92 | 3.9 | 6.5 | 39.3 | 7.3 | NA | NA | NA | NA | NA | NA |
| 6/9/2019 | 5.1 | 0.70 | 4.1 | 6.3 | 44.4 | 8.4 | NA | NA | NA | NA | NA | NA |
| 6/10/2019 | 5.1 | 0.79 | 4.0 | 6.4 | 49.5 | 9.5 | NA | NA | NA | NA | NA | NA |
| 6/11/2019 | 5.4 | 0.60 | 4.4 | 6.3 | 54.9 | 10.9 | NA | NA | NA | NA | NA | NA |
| 6/12/2019 | 5.8 | 0.74 | 4.6 | 6.9 | 60.7 | 12.7 | NA | NA | NA | NA | NA | NA |
| 6/13/2019 | 6.0 | 0.81 | 4.8 | 6.9 | 66.7 | 14.7 | NA | NA | NA | NA | NA | NA |
| 6/14/2019 | 6.1 | 0.62 | 5.2 | 7.0 | 72.8 | 16.8 | NA | NA | NA | NA | NA | NA |
| 6/15/2019 | 6.7 | 0.57 | 5.5 | 7.4 | 79.5 | 19.5 | NA | NA | NA | NA | NA | NA |
| 6/16/2019 | 6.9 | 0.67 | 5.8 | 7.8 | 86.5 | 22.5 | NA | NA | NA | NA | NA | NA |
| 6/17/2019 | 7.1 | 0.62 | 6.0 | 8.0 | 93.6 | 25.6 | NA | NA | NA | NA | NA | NA |
| 6/18/2019 | 7.6 | 0.50 | 6.5 | 8.4 | 101.2 | 29.2 | NA | NA | NA | NA | NA | NA |
| 6/19/2019 | 8.0 | 0.34 | 7.2 | 8.4 | 109.2 | 33.2 | NA | NA | NA | NA | NA | NA |
| 6/20/2019 | 8.5 | 0.40 | 7.7 | 9.1 | 117.7 | 37.7 | NA | NA | NA | NA | NA | NA |
| 6/21/2019 | 8.9 | 0.55 | 7.8 | 9.7 | 126.7 | 42.7 | NA | NA | NA | NA | NA | NA |
| 6/22/2019 | 9.3 | 0.33 | 8.8 | 9.9 | 136.0 | 48.0 | NA | NA | NA | NA | NA | NA |
| 6/23/2019 | 9.1 | 0.30 | 8.5 | 9.4 | 145.1 | 53.1 | NA | NA | NA | NA | NA | NA |
| 6/24/2019 | 9.5 | 0.23 | 9.2 | 9.8 | 154.6 | 58.6 | NA | NA | NA | NA | NA | NA |
| 6/25/2019 | 10.7 | 0.37 | 9.8 | 11.1 | 165.2 | 65.2 | NA | NA | NA | NA | NA | NA |
| 6/26/2019 | 10.6 | 0.68 | 9.5 | 11.5 | 175.8 | 71.8 | NA | NA | NA | NA | NA | NA |
| 6/27/2019 | 10.2 | 0.57 | 9.4 | 11.2 | 186.0 | 78.0 | NA | NA | NA | NA | NA | NA |
| 6/28/2019 | 10.1 | 0.24 | 9.8 | 10.5 | 196.1 | 84.1 | NA | NA | NA | NA | NA | NA |
| 6/29/2019 | 10.1 | 0.48 | 9.6 | 11.1 | 206.2 | 90.2 | NA | NA | NA | NA | NA | NA |
| 6/30/2019 | 10.2 | 0.51 | 9.6 | 11.3 | 216.4 | 96.4 | NA | NA | NA | NA | NA | NA |

July

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/1/2019 | 10.7 | 0.69 | 9.5 | 11.7 | 10.7 | 6.7 | NA | NA | NA | NA | NA | NA |
| 7/2/2019 | 10.3 | 0.47 | 9.6 | 11.1 | 21.0 | 13.0 | NA | NA | NA | NA | NA | NA |
| 7/3/2019 | 11.1 | 0.67 | 9.7 | 12.1 | 32.1 | 20.1 | NA | NA | NA | NA | NA | NA |
| 7/4/2019 | 11.8 | 0.41 | 10.9 | 12.4 | 43.9 | 27.9 | NA | NA | NA | NA | NA | NA |
| 7/5/2019 | 12.3 | 0.35 | 11.6 | 12.7 | 56.2 | 36.2 | NA | NA | NA | NA | NA | NA |
| 7/6/2019 | 12.5 | 0.52 | 11.7 | 13.1 | 68.6 | 44.6 | NA | NA | NA | NA | NA | NA |
| 7/7/2019 | 12.4 | 0.64 | 11.4 | 13.3 | 81.0 | 53.0 | NA | NA | NA | NA | NA | NA |
| 7/8/2019 | 12.0 | 0.90 | 10.6 | 13.1 | 93.0 | 61.0 | NA | NA | NA | NA | NA | NA |
| 7/9/2019 | 11.7 | 0.93 | 10.3 | 13.1 | 104.7 | 68.7 | NA | NA | NA | NA | NA | NA |
| 7/10/2019 | 11.6 | 0.92 | 10.4 | 13.1 | 116.3 | 76.3 | NA | NA | NA | NA | NA | NA |
| 7/11/2019 | 11.9 | 0.70 | 11.0 | 13.2 | 128.2 | 84.2 | NA | NA | NA | NA | NA | NA |
| 7/12/2019 | 12.4 | 1.20 | 10.3 | 14.0 | 140.5 | 92.5 | NA | NA | NA | NA | NA | NA |
| 7/13/2019 | 12.7 | 1.19 | 11.0 | 14.6 | 153.2 | 101.2 | NA | NA | NA | NA | NA | NA |
| 7/14/2019 | 12.9 | 0.92 | 11.3 | 14.5 | 166.1 | 110.1 | NA | NA | NA | NA | NA | NA |
| 7/15/2019 | 12.7 | 0.85 | 11.6 | 14.3 | 178.8 | 118.8 | NA | NA | NA | NA | NA | NA |
| 7/16/2019 | 12.7 | 0.75 | 11.6 | 14.1 | 191.5 | 127.5 | NA | NA | NA | NA | NA | NA |
| 7/17/2019 | 12.5 | 0.90 | 10.9 | 13.9 | 204.1 | 136.1 | NA | NA | NA | NA | NA | NA |
| 7/18/2019 | 12.4 | 1.06 | 10.7 | 13.8 | 216.4 | 144.4 | NA | NA | NA | NA | NA | NA |
| 7/19/2019 | 11.9 | 1.18 | 10.2 | 13.8 | 228.3 | 152.3 | NA | NA | NA | NA | NA | NA |
| 7/20/2019 | 12.0 | 1.10 | 10.4 | 13.8 | 240.3 | 160.3 | NA | NA | NA | NA | NA | NA |
| 7/21/2019 | 12.2 | 1.13 | 10.3 | 13.9 | 252.5 | 168.5 | NA | NA | NA | NA | NA | NA |
| 7/22/2019 | 12.7 | 1.04 | 10.9 | 13.9 | 265.2 | 177.2 | NA | NA | NA | NA | NA | NA |
| 7/23/2019 | 13.0 | 1.23 | 11.0 | 14.6 | 278.2 | 186.2 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/24/2019 | 13.2 | 1.24 | 11.3 | 15.0 | 291.4 | 195.4 | NA | NA | NA | NA | NA | NA |
| 7/25/2019 | 12.9 | 0.87 | 11.8 | 14.6 | 304.3 | 204.3 | NA | NA | NA | NA | NA | NA |
| 7/26/2019 | 12.3 | 0.59 | 11.6 | 13.4 | 316.6 | 212.6 | NA | NA | NA | NA | NA | NA |
| 7/27/2019 | 12.3 | 0.92 | 11.1 | 14.1 | 328.9 | 220.9 | NA | NA | NA | NA | NA | NA |
| 7/28/2019 | 12.0 | 0.93 | 10.7 | 13.7 | 340.9 | 228.9 | NA | NA | NA | NA | NA | NA |
| 7/29/2019 | 11.9 | 1.18 | 10.3 | 13.9 | 352.8 | 236.8 | NA | NA | NA | NA | NA | NA |
| 7/30/2019 | 11.8 | 1.19 | 10.2 | 13.7 | 364.6 | 244.6 | NA | NA | NA | NA | NA | NA |
| 7/31/2019 | 11.9 | 1.34 | 10.3 | 14.0 | 376.5 | 252.5 | NA | NA | NA | NA | NA | NA |

August

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/1/2019 | 12.4 | 1.35 | 10.5 | 14.6 | 12.4 | 8.4 | NA | NA | NA | NA | NA | NA |
| 8/2/2019 | 12.6 | 1.20 | 10.7 | 14.5 | 24.9 | 16.9 | NA | NA | NA | NA | NA | NA |
| 8/3/2019 | 13.0 | 1.13 | 11.3 | 14.8 | 37.9 | 25.9 | NA | NA | NA | NA | NA | NA |
| 8/4/2019 | 13.4 | 1.09 | 11.7 | 15.1 | 51.3 | 35.3 | NA | NA | NA | NA | NA | NA |
| 8/5/2019 | 13.3 | 1.16 | 11.7 | 15.0 | 64.6 | 44.6 | NA | NA | NA | NA | NA | NA |
| 8/6/2019 | 13.5 | 1.04 | 12.0 | 14.8 | 78.1 | 54.1 | NA | NA | NA | NA | NA | NA |
| 8/7/2019 | 14.4 | 1.25 | 12.6 | 16.2 | 92.5 | 64.5 | NA | NA | NA | NA | NA | NA |
| 8/8/2019 | 14.5 | 1.37 | 12.8 | 17.0 | 107.1 | 75.1 | NA | NA | NA | NA | NA | NA |
| 8/9/2019 | 15.0 | 0.94 | 13.6 | 16.3 | 122.1 | 86.1 | NA | NA | NA | NA | NA | NA |
| 8/10/2019 | 14.7 | 0.99 | 13.4 | 16.3 | 136.8 | 96.8 | NA | NA | NA | NA | NA | NA |
| 8/11/2019 | 14.1 | 1.01 | 12.3 | 15.6 | 150.8 | 106.8 | NA | NA | NA | NA | NA | NA |
| 8/12/2019 | 13.0 | 1.48 | 10.0 | 14.7 | 163.9 | 115.9 | NA | NA | NA | NA | NA | NA |
| 8/13/2019 | 11.6 | 1.89 | 8.5 | 14.7 | 175.5 | 123.5 | NA | NA | NA | NA | NA | NA |
| 8/14/2019 | 11.0 | 1.33 | 9.2 | 13.4 | 186.5 | 130.5 | NA | NA | NA | NA | NA | NA |
| 8/15/2019 | 12.9 | 1.73 | 9.9 | 15.3 | 199.5 | 139.5 | NA | NA | NA | NA | NA | NA |
| 8/16/2019 | 13.8 | 1.78 | 10.9 | 16.7 | 213.2 | 149.2 | NA | NA | NA | NA | NA | NA |
| 8/17/2019 | 13.7 | 1.44 | 11.4 | 16.2 | 227.0 | 159.0 | NA | NA | NA | NA | NA | NA |
| 8/18/2019 | 13.7 | 1.02 | 12.2 | 15.8 | 240.7 | 168.7 | NA | NA | NA | NA | NA | NA |
| 8/19/2019 | 13.7 | 1.12 | 12.0 | 15.4 | 254.4 | 178.4 | NA | NA | NA | NA | NA | NA |
| 8/20/2019 | 12.6 | 1.24 | 11.0 | 14.7 | 267.1 | 187.1 | NA | NA | NA | NA | NA | NA |
| 8/21/2019 | 11.5 | 1.09 | 9.9 | 13.0 | 278.6 | 194.6 | NA | NA | NA | NA | NA | NA |
| 8/22/2019 | 11.7 | 0.98 | 10.4 | 12.8 | 290.3 | 202.3 | NA | NA | NA | NA | NA | NA |
| 8/23/2019 | 11.2 | 1.17 | 9.4 | 13.1 | 301.5 | 209.5 | NA | NA | NA | NA | NA | NA |
| 8/24/2019 | 12.5 | 0.79 | 11.3 | 13.5 | 314.0 | 218.0 | NA | NA | NA | NA | NA | NA |
| 8/25/2019 | 13.9 | 1.46 | 11.6 | 16.0 | 327.9 | 227.9 | NA | NA | NA | NA | NA | NA |
| 8/26/2019 | 16.3 | 1.95 | 13.2 | 18.7 | 344.2 | 240.2 | NA | NA | NA | NA | NA | NA |
| 8/27/2019 | 14.8 | 2.05 | 11.9 | 16.9 | 359.1 | 251.1 | NA | NA | NA | NA | NA | NA |
| 8/28/2019 | 13.5 | 1.40 | 11.9 | 16.2 | 372.6 | 260.6 | NA | NA | NA | NA | NA | NA |
| 8/29/2019 | 15.0 | 1.27 | 13.0 | 16.7 | 387.6 | 271.6 | NA | NA | NA | NA | NA | NA |
| 8/30/2019 | 16.0 | 1.18 | 13.8 | 17.7 | 403.5 | 283.5 | NA | NA | NA | NA | NA | NA |
| 8/31/2019 | 15.5 | 1.32 | 13.9 | 17.8 | 419.0 | 295.0 | NA | NA | NA | NA | NA | NA |

September

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/1/2019 | 15.4 | 1.20 | 13.8 | 17.0 | 15.4 | 11.4 | NA | NA | NA | NA | NA | NA |
| 9/2/2019 | 15.1 | 1.07 | 13.6 | 16.6 | 30.5 | 22.5 | NA | NA | NA | NA | NA | NA |
| 9/3/2019 | 14.5 | 1.63 | 12.2 | 16.4 | 45.0 | 33.0 | NA | NA | NA | NA | NA | NA |
| 9/4/2019 | 14.4 | 1.32 | 12.3 | 16.3 | 59.4 | 43.4 | NA | NA | NA | NA | NA | NA |
| 9/5/2019 | 14.4 | 1.41 | 12.1 | 16.4 | 73.8 | 53.8 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/6/2019 | 13.1 | 1.36 | 11.4 | 15.7 | 86.8 | 62.8 | NA | NA | NA | NA | NA | NA |
| 9/7/2019 | 15.1 | 1.84 | 12.9 | 17.9 | 102.0 | 74.0 | NA | NA | NA | NA | NA | NA |
| 9/8/2019 | 16.2 | 0.24 | 15.8 | 16.5 | 118.2 | 86.2 | NA | NA | NA | NA | NA | NA |
| 9/9/2019 | 16.7 | 0.38 | 16.2 | 17.2 | 134.9 | 98.9 | NA | NA | NA | NA | NA | NA |
| 9/10/2019 | 16.5 | 0.64 | 15.3 | 17.1 | 151.5 | 111.5 | NA | NA | NA | NA | NA | NA |
| 9/11/2019 | 15.6 | 1.74 | 11.8 | 17.0 | 167.0 | 123.0 | NA | NA | NA | NA | NA | NA |
| 9/12/2019 | 14.0 | 1.42 | 11.7 | 16.1 | 181.0 | 133.0 | NA | NA | NA | NA | NA | NA |
| 9/13/2019 | 13.6 | 1.09 | 12.3 | 16.0 | 194.6 | 142.6 | NA | NA | NA | NA | NA | NA |
| 9/14/2019 | 13.8 | 0.66 | 12.8 | 14.9 | 208.4 | 152.4 | NA | NA | NA | NA | NA | NA |
| 9/15/2019 | 14.1 | 0.74 | 13.0 | 15.1 | 222.5 | 162.5 | NA | NA | NA | NA | NA | NA |
| 9/16/2019 | 13.9 | 0.92 | 12.6 | 15.4 | 236.4 | 172.4 | NA | NA | NA | NA | NA | NA |
| 9/17/2019 | 14.2 | 0.72 | 13.0 | 15.3 | 250.6 | 182.6 | NA | NA | NA | NA | NA | NA |
| 9/18/2019 | 14.1 | 0.55 | 13.4 | 15.0 | 264.7 | 192.7 | NA | NA | NA | NA | NA | NA |
| 9/19/2019 | 14.1 | 0.20 | 13.8 | 14.4 | 278.8 | 202.8 | NA | NA | NA | NA | NA | NA |
| 9/20/2019 | 14.5 | 0.13 | 14.2 | 14.7 | 293.3 | 213.3 | NA | NA | NA | NA | NA | NA |
| 9/21/2019 | 14.7 | 0.09 | 14.6 | 14.9 | 308.0 | 224.0 | NA | NA | NA | NA | NA | NA |
| 9/22/2019 | 14.9 | 0.11 | 14.7 | 15.1 | 323.0 | 235.0 | NA | NA | NA | NA | NA | NA |
| 9/23/2019 | 14.9 | 0.27 | 14.4 | 15.4 | 337.9 | 245.9 | NA | NA | NA | NA | NA | NA |
| 9/24/2019 | 14.9 | 0.20 | 14.7 | 15.3 | 352.8 | 256.8 | NA | NA | NA | NA | NA | NA |
| 9/25/2019 | 15.1 | 0.25 | 14.4 | 15.3 | 367.9 | 267.9 | NA | NA | NA | NA | NA | NA |
| 9/26/2019 | 14.8 | 0.66 | 13.5 | 15.4 | 382.7 | 278.7 | NA | NA | NA | NA | NA | NA |
| 9/27/2019 | 14.6 | 0.61 | 13.5 | 15.4 | 397.2 | 289.2 | NA | NA | NA | NA | NA | NA |
| 9/28/2019 | 14.5 | 0.62 | 13.7 | 15.3 | 411.7 | 299.7 | NA | NA | NA | NA | NA | NA |
| 9/29/2019 | 14.5 | 0.64 | 13.6 | 15.5 | 426.3 | 310.3 | NA | NA | NA | NA | NA | NA |
| 9/30/2019 | 14.4 | 0.58 | 13.7 | 15.1 | 440.7 | 320.7 | NA | NA | NA | NA | NA | NA |

October

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/1/2019 | 14.1 | 0.40 | 13.7 | 14.8 | 14.1 | 10.1 | NA | NA | NA | NA | NA | NA |
| 10/2/2019 | 14.0 | 0.37 | 13.6 | 14.5 | 28.1 | 20.1 | NA | NA | NA | NA | NA | NA |
| 10/3/2019 | 13.8 | 0.22 | 13.5 | 14.2 | 41.9 | 29.9 | NA | NA | NA | NA | NA | NA |
| 10/4/2019 | 13.7 | 0.22 | 13.4 | 14.1 | 55.6 | 39.6 | NA | NA | NA | NA | NA | NA |
| 10/5/2019 | 13.5 | 0.22 | 13.4 | 13.9 | 69.1 | 49.1 | NA | NA | NA | NA | NA | NA |
| 10/6/2019 | 13.5 | 0.24 | 13.3 | 13.9 | 82.6 | 58.6 | NA | NA | NA | NA | NA | NA |
| 10/7/2019 | 13.5 | 0.27 | 13.3 | 14.1 | 96.1 | 68.1 | NA | NA | NA | NA | NA | NA |
| 10/8/2019 | 13.6 | 0.25 | 13.4 | 14.2 | 109.7 | 77.7 | NA | NA | NA | NA | NA | NA |
| 10/9/2019 | 13.6 | 0.21 | 13.4 | 14.0 | 123.3 | 87.3 | NA | NA | NA | NA | NA | NA |
| 10/10/2019 | 13.5 | 0.17 | 13.4 | 13.8 | 136.9 | 96.9 | NA | NA | NA | NA | NA | NA |
| 10/11/2019 | 13.5 | 0.15 | 13.4 | 13.8 | 150.4 | 106.4 | NA | NA | NA | NA | NA | NA |
| 10/12/2019 | 13.4 | 0.06 | 13.3 | 13.4 | 163.8 | 115.8 | NA | NA | NA | NA | NA | NA |
| 10/13/2019 | 13.3 | 0.08 | 13.2 | 13.5 | 177.1 | 125.1 | NA | NA | NA | NA | NA | NA |
| 10/14/2019 | 13.3 | 0.04 | 13.2 | 13.3 | 190.4 | 134.4 | NA | NA | NA | NA | NA | NA |
| 10/15/2019 | 13.3 | 0.03 | 13.2 | 13.3 | 203.6 | 143.6 | NA | NA | NA | NA | NA | NA |
| 10/16/2019 | 13.2 | 0.05 | 13.1 | 13.4 | 216.9 | 152.9 | NA | NA | NA | NA | NA | NA |
| 10/17/2019 | 13.0 | 0.12 | 12.9 | 13.2 | 229.9 | 161.9 | NA | NA | NA | NA | NA | NA |
| 10/18/2019 | 12.9 | 0.03 | 12.8 | 12.9 | 242.8 | 170.8 | NA | NA | NA | NA | NA | NA |
| 10/19/2019 | 12.9 | 0.08 | 12.8 | 13.1 | 255.7 | 179.7 | NA | NA | NA | NA | NA | NA |
| 10/20/2019 | 12.6 | 0.13 | 12.5 | 12.8 | 268.3 | 188.3 | NA | NA | NA | NA | NA | NA |
| 10/21/2019 | 12.4 | 0.27 | 11.7 | 12.6 | 280.7 | 196.7 | NA | NA | NA | NA | NA | NA |
| 10/22/2019 | 12.3 | 0.27 | 11.8 | 12.5 | 293.0 | 205.0 | NA | NA | NA | NA | NA | NA |
| 10/23/2019 | 12.3 | 0.12 | 12.0 | 12.5 | 305.3 | 213.3 | NA | NA | NA | NA | NA | NA |
| 10/24/2019 | 12.3 | 0.05 | 12.2 | 12.4 | 317.6 | 221.6 | NA | NA | NA | NA | NA | NA |
| 10/25/2019 | 12.0 | 0.31 | 11.4 | 12.4 | 329.6 | 229.6 | NA | NA | NA | NA | NA | NA |
| 10/26/2019 | 11.9 | 0.27 | 11.4 | 12.1 | 341.5 | 237.5 | NA | NA | NA | NA | NA | NA |
| 10/27/2019 | 11.4 | 0.48 | 10.6 | 11.9 | 352.9 | 244.9 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/28/2019 | 11.1 | 0.29 | 10.7 | 11.6 | 364.0 | 252.0 | NA | NA | NA | NA | NA | NA |
| 10/29/2019 | 11.1 | 0.14 | 10.9 | 11.4 | 375.1 | 259.1 | NA | NA | NA | NA | NA | NA |
| 10/30/2019 | 11.1 | 0.12 | 11.0 | 11.4 | 386.3 | 266.3 | NA | NA | NA | NA | NA | NA |
| 10/31/2019 | 11.1 | 0.12 | 11.0 | 11.4 | 397.4 | 273.4 | NA | NA | NA | NA | NA | NA |

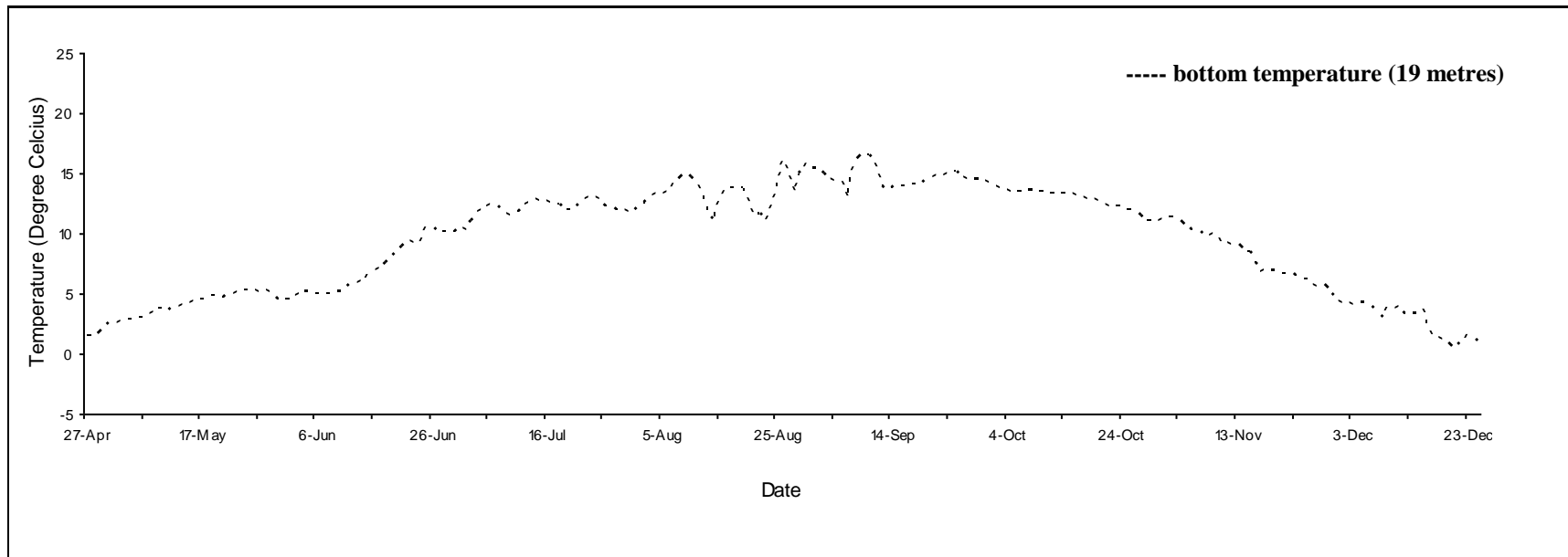
November

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 11/1/2019 | 11.3 | 0.16 | 11.1 | 11.6 | 11.3 | 7.3 | NA | NA | NA | NA | NA | NA |
| 11/2/2019 | 11.3 | 0.26 | 10.9 | 11.7 | 22.7 | 14.7 | NA | NA | NA | NA | NA | NA |
| 11/3/2019 | 11.0 | 0.51 | 10.0 | 11.5 | 33.6 | 21.6 | NA | NA | NA | NA | NA | NA |
| 11/4/2019 | 10.5 | 0.54 | 9.6 | 11.2 | 44.2 | 28.2 | NA | NA | NA | NA | NA | NA |
| 11/5/2019 | 10.4 | 0.41 | 9.8 | 11.1 | 54.6 | 34.6 | NA | NA | NA | NA | NA | NA |
| 11/6/2019 | 10.4 | 0.18 | 10.0 | 10.8 | 64.9 | 40.9 | NA | NA | NA | NA | NA | NA |
| 11/7/2019 | 9.9 | 0.59 | 9.1 | 10.8 | 74.8 | 46.8 | NA | NA | NA | NA | NA | NA |
| 11/8/2019 | 9.8 | 0.29 | 9.5 | 10.3 | 84.6 | 52.6 | NA | NA | NA | NA | NA | NA |
| 11/9/2019 | 10.0 | 0.18 | 9.6 | 10.3 | 94.6 | 58.6 | NA | NA | NA | NA | NA | NA |
| 11/10/2019 | 9.4 | 0.20 | 9.1 | 9.7 | 104.1 | 64.1 | NA | NA | NA | NA | NA | NA |
| 11/11/2019 | 9.3 | 0.13 | 9.1 | 9.5 | 113.3 | 69.3 | NA | NA | NA | NA | NA | NA |
| 11/12/2019 | 9.1 | 0.11 | 9.0 | 9.4 | 122.5 | 74.5 | NA | NA | NA | NA | NA | NA |
| 11/13/2019 | 9.1 | 0.21 | 8.6 | 9.4 | 131.5 | 79.5 | NA | NA | NA | NA | NA | NA |
| 11/14/2019 | 8.6 | 0.18 | 8.2 | 8.8 | 140.1 | 84.1 | NA | NA | NA | NA | NA | NA |
| 11/15/2019 | 8.5 | 0.12 | 8.3 | 8.7 | 148.6 | 88.6 | NA | NA | NA | NA | NA | NA |
| 11/16/2019 | 7.5 | 0.74 | 6.3 | 8.4 | 156.1 | 92.1 | NA | NA | NA | NA | NA | NA |
| 11/17/2019 | 6.8 | 0.80 | 5.7 | 8.0 | 162.9 | 94.9 | NA | NA | NA | NA | NA | NA |
| 11/18/2019 | 7.1 | 0.51 | 5.9 | 7.7 | 170.0 | 98.0 | NA | NA | NA | NA | NA | NA |
| 11/19/2019 | 6.9 | 0.32 | 6.3 | 7.3 | 177.0 | 101.0 | NA | NA | NA | NA | NA | NA |
| 11/20/2019 | 6.7 | 0.37 | 6.2 | 7.5 | 183.7 | 103.7 | NA | NA | NA | NA | NA | NA |
| 11/21/2019 | 6.7 | 0.17 | 6.3 | 6.9 | 190.4 | 106.4 | NA | NA | NA | NA | NA | NA |
| 11/22/2019 | 6.9 | 0.10 | 6.7 | 7.1 | 197.2 | 109.2 | NA | NA | NA | NA | NA | NA |
| 11/23/2019 | 6.6 | 0.27 | 6.2 | 6.9 | 203.8 | 111.8 | NA | NA | NA | NA | NA | NA |
| 11/24/2019 | 6.3 | 0.15 | 6.1 | 6.6 | 210.1 | 114.1 | NA | NA | NA | NA | NA | NA |
| 11/25/2019 | 6.3 | 0.17 | 6.1 | 6.5 | 216.4 | 116.4 | NA | NA | NA | NA | NA | NA |
| 11/26/2019 | 5.8 | 0.39 | 5.2 | 6.3 | 222.3 | 118.3 | NA | NA | NA | NA | NA | NA |
| 11/27/2019 | 5.7 | 0.47 | 5.0 | 6.3 | 227.9 | 119.9 | NA | NA | NA | NA | NA | NA |
| 11/28/2019 | 5.7 | 0.54 | 5.0 | 6.3 | 233.6 | 121.6 | NA | NA | NA | NA | NA | NA |
| 11/29/2019 | 5.3 | 0.31 | 4.8 | 5.8 | 238.9 | 122.9 | NA | NA | NA | NA | NA | NA |
| 11/30/2019 | 4.7 | 0.47 | 4.1 | 5.5 | 243.6 | 123.6 | NA | NA | NA | NA | NA | NA |

December

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 12/1/2019 | 4.2 | 0.38 | 3.7 | 4.7 | 4.2 | 0.2 | NA | NA | NA | NA | NA | NA |
| 12/2/2019 | 4.3 | 0.40 | 3.7 | 5.0 | 8.4 | 0.4 | NA | NA | NA | NA | NA | NA |
| 12/3/2019 | 4.2 | 0.33 | 3.7 | 4.6 | 12.6 | 0.6 | NA | NA | NA | NA | NA | NA |
| 12/4/2019 | 4.2 | 0.13 | 4.0 | 4.4 | 16.8 | 0.8 | NA | NA | NA | NA | NA | NA |
| 12/5/2019 | 4.2 | 0.17 | 4.0 | 4.7 | 21.0 | 1.0 | NA | NA | NA | NA | NA | NA |
| 12/6/2019 | 4.1 | 0.37 | 3.6 | 5.0 | 25.1 | 1.1 | NA | NA | NA | NA | NA | NA |
| 12/7/2019 | 3.5 | 0.21 | 3.2 | 3.9 | 28.6 | 1.1 | NA | NA | NA | NA | NA | NA |
| 12/8/2019 | 3.0 | 0.16 | 2.6 | 3.2 | 31.6 | 1.1 | NA | NA | NA | NA | NA | NA |
| 12/9/2019 | 3.9 | 0.88 | 2.6 | 4.9 | 35.5 | 1.1 | NA | NA | NA | NA | NA | NA |
| 12/10/2019 | 3.7 | 0.59 | 2.9 | 4.5 | 39.2 | 1.1 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 12/11/2019 | 4.0 | 0.64 | 3.1 | 4.7 | 43.2 | 1.1 | NA | NA | NA | NA | NA | NA |
| 12/12/2019 | 3.4 | 0.64 | 2.5 | 4.5 | 46.6 | 1.1 | NA | NA | NA | NA | NA | NA |
| 12/13/2019 | 3.2 | 0.63 | 2.3 | 4.0 | 49.8 | 1.1 | NA | NA | NA | NA | NA | NA |
| 12/14/2019 | 3.4 | 0.74 | 2.3 | 4.2 | 53.2 | 1.1 | NA | NA | NA | NA | NA | NA |
| 12/15/2019 | 3.8 | 0.14 | 3.6 | 4.0 | 56.9 | 1.1 | NA | NA | NA | NA | NA | NA |
| 12/16/2019 | 2.3 | 0.69 | 1.2 | 3.6 | 59.2 | 1.1 | NA | NA | NA | NA | NA | NA |
| 12/17/2019 | 1.6 | 0.36 | 1.1 | 2.1 | 60.8 | 1.1 | NA | NA | NA | NA | NA | NA |
| 12/18/2019 | 1.4 | 0.39 | 1.1 | 2.4 | 62.2 | 1.1 | NA | NA | NA | NA | NA | NA |
| 12/19/2019 | 1.2 | 0.52 | 0.8 | 2.6 | 63.4 | 1.1 | NA | NA | NA | NA | NA | NA |
| 12/20/2019 | 0.6 | 0.07 | 0.5 | 0.8 | 64.0 | 1.1 | NA | NA | NA | NA | NA | NA |
| 12/21/2019 | 0.6 | 0.40 | 0.3 | 1.8 | 64.7 | 1.1 | NA | NA | NA | NA | NA | NA |
| 12/22/2019 | 1.1 | 0.89 | 0.3 | 2.7 | 65.8 | 1.1 | NA | NA | NA | NA | NA | NA |
| 12/23/2019 | 1.6 | 0.88 | 0.4 | 2.9 | 67.4 | 1.1 | NA | NA | NA | NA | NA | NA |
| 12/24/2019 | 1.3 | 0.84 | 0.5 | 2.8 | 68.7 | 1.1 | NA | NA | NA | NA | NA | NA |
| 12/25/2019 | 0.7 | 0.39 | 0.1 | 1.4 | 69.4 | 1.1 | NA | NA | NA | NA | NA | NA |



Daily mean temperature for Indian Rocks, P.E.I., 2019.

Jack Shoal, N.S.

2019

May

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 5/7/2019 | 2.4 | 0.05 | 2.3 | 2.5 | 2.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/8/2019 | 2.5 | 0.16 | 2.3 | 2.9 | 5.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/9/2019 | 3.4 | 0.20 | 3.1 | 3.7 | 8.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/10/2019 | 4.0 | 0.44 | 3.3 | 4.6 | 12.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/11/2019 | 3.8 | 0.38 | 3.3 | 4.3 | 16.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/12/2019 | 3.8 | 0.53 | 3.3 | 4.5 | 20.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/13/2019 | 4.2 | 0.37 | 3.4 | 4.6 | 24.2 | 0.2 | NA | NA | NA | NA | NA | NA |
| 5/14/2019 | 3.4 | 0.12 | 3.1 | 3.6 | 27.6 | 0.2 | NA | NA | NA | NA | NA | NA |
| 5/15/2019 | 3.3 | 0.56 | 2.4 | 4.4 | 30.8 | 0.2 | NA | NA | NA | NA | NA | NA |
| 5/16/2019 | 3.6 | 0.12 | 3.3 | 3.7 | 34.4 | 0.2 | NA | NA | NA | NA | NA | NA |
| 5/17/2019 | 3.4 | 0.36 | 2.9 | 4.0 | 37.8 | 0.2 | NA | NA | NA | NA | NA | NA |
| 5/18/2019 | 3.5 | 0.95 | 2.3 | 4.8 | 41.4 | 0.2 | NA | NA | NA | NA | NA | NA |
| 5/19/2019 | 4.3 | 0.15 | 4.1 | 4.5 | 45.6 | 0.5 | NA | NA | NA | NA | NA | NA |
| 5/20/2019 | 4.0 | 0.22 | 3.7 | 4.4 | 49.6 | 0.5 | NA | NA | NA | NA | NA | NA |
| 5/21/2019 | 4.1 | 0.18 | 3.9 | 4.4 | 53.8 | 0.6 | NA | NA | NA | NA | NA | NA |
| 5/22/2019 | 4.7 | 0.09 | 4.5 | 4.8 | 58.5 | 1.3 | NA | NA | NA | NA | NA | NA |
| 5/23/2019 | 4.7 | 0.02 | 4.7 | 4.8 | 63.2 | 2.1 | NA | NA | NA | NA | NA | NA |
| 5/24/2019 | 4.9 | 0.05 | 4.8 | 4.9 | 68.1 | 2.9 | NA | NA | NA | NA | NA | NA |
| 5/25/2019 | 4.9 | 0.09 | 4.7 | 5.0 | 72.9 | 3.8 | NA | NA | NA | NA | NA | NA |
| 5/26/2019 | 4.7 | 0.21 | 4.5 | 5.0 | 77.7 | 4.5 | NA | NA | NA | NA | NA | NA |
| 5/27/2019 | 4.6 | 0.04 | 4.5 | 4.7 | 82.3 | 5.2 | NA | NA | NA | NA | NA | NA |
| 5/28/2019 | 4.7 | 0.01 | 4.7 | 4.7 | 87.0 | 5.9 | NA | NA | NA | NA | NA | NA |
| 5/29/2019 | 4.7 | 0.06 | 4.6 | 4.8 | 91.7 | 6.6 | NA | NA | NA | NA | NA | NA |
| 5/30/2019 | 4.6 | 0.15 | 4.3 | 4.8 | 96.3 | 7.2 | NA | NA | NA | NA | NA | NA |
| 5/31/2019 | 4.3 | 0.06 | 4.3 | 4.4 | 100.6 | 7.5 | NA | NA | NA | NA | NA | NA |

June

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/1/2019 | 4.3 | 0.08 | 4.1 | 4.4 | 4.3 | 0.3 | NA | NA | NA | NA | NA | NA |
| 6/2/2019 | 3.7 | 0.96 | 1.9 | 4.3 | 7.9 | 0.3 | NA | NA | NA | NA | NA | NA |
| 6/3/2019 | 3.9 | 0.78 | 2.3 | 4.7 | 11.9 | 0.3 | NA | NA | NA | NA | NA | NA |
| 6/4/2019 | 3.9 | 0.73 | 2.8 | 4.7 | 15.8 | 0.3 | NA | NA | NA | NA | NA | NA |
| 6/5/2019 | 4.8 | 0.37 | 4.2 | 5.4 | 20.6 | 1.1 | NA | NA | NA | NA | NA | NA |
| 6/6/2019 | 4.4 | 0.92 | 2.8 | 5.3 | 25.0 | 1.5 | NA | NA | NA | NA | NA | NA |
| 6/7/2019 | 5.0 | 0.57 | 3.9 | 5.8 | 30.0 | 2.5 | NA | NA | NA | NA | NA | NA |
| 6/8/2019 | 4.8 | 0.46 | 4.3 | 5.8 | 34.8 | 3.3 | NA | NA | NA | NA | NA | NA |
| 6/9/2019 | 5.8 | 0.64 | 4.4 | 6.6 | 40.6 | 5.1 | NA | NA | NA | NA | NA | NA |
| 6/10/2019 | 6.1 | 0.56 | 5.4 | 6.9 | 46.7 | 7.2 | NA | NA | NA | NA | NA | NA |
| 6/11/2019 | 6.0 | 0.54 | 5.2 | 6.7 | 52.7 | 9.2 | NA | NA | NA | NA | NA | NA |
| 6/12/2019 | 6.0 | 0.88 | 5.1 | 7.7 | 58.7 | 11.2 | NA | NA | NA | NA | NA | NA |
| 6/13/2019 | 8.0 | 0.77 | 6.4 | 9.3 | 66.7 | 15.2 | NA | NA | NA | NA | NA | NA |
| 6/14/2019 | 6.2 | 1.76 | 4.8 | 9.2 | 72.9 | 17.4 | NA | NA | NA | NA | NA | NA |
| 6/15/2019 | 5.2 | 0.93 | 4.3 | 7.0 | 78.1 | 18.6 | NA | NA | NA | NA | NA | NA |
| 6/16/2019 | 4.9 | 0.27 | 4.4 | 5.3 | 82.9 | 19.4 | NA | NA | NA | NA | NA | NA |
| 6/17/2019 | 5.6 | 0.24 | 5.1 | 5.9 | 88.5 | 21.0 | NA | NA | NA | NA | NA | NA |
| 6/18/2019 | 6.3 | 0.22 | 5.9 | 6.6 | 94.8 | 23.3 | NA | NA | NA | NA | NA | NA |
| 6/19/2019 | 6.6 | 0.29 | 6.2 | 7.1 | 101.4 | 25.9 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/20/2019 | 7.2 | 0.26 | 6.7 | 7.7 | 108.7 | 29.2 | NA | NA | NA | NA | NA | NA |
| 6/21/2019 | 6.4 | 0.39 | 5.8 | 7.3 | 115.1 | 31.6 | NA | NA | NA | NA | NA | NA |
| 6/22/2019 | 9.4 | 1.89 | 6.9 | 11.3 | 124.5 | 37.0 | NA | NA | NA | NA | NA | NA |
| 6/23/2019 | 11.5 | 0.17 | 11.3 | 11.8 | 136.0 | 44.5 | NA | NA | NA | NA | NA | NA |
| 6/24/2019 | 11.5 | 0.13 | 11.3 | 11.7 | 147.5 | 52.0 | NA | NA | NA | NA | NA | NA |
| 6/25/2019 | 11.7 | 0.19 | 11.3 | 11.8 | 159.1 | 59.7 | NA | NA | NA | NA | NA | NA |
| 6/26/2019 | 11.5 | 0.17 | 11.3 | 11.8 | 170.6 | 67.2 | NA | NA | NA | NA | NA | NA |
| 6/27/2019 | 11.1 | 0.15 | 10.9 | 11.3 | 181.7 | 74.2 | NA | NA | NA | NA | NA | NA |
| 6/28/2019 | 10.9 | 0.06 | 10.8 | 11.0 | 192.7 | 81.2 | NA | NA | NA | NA | NA | NA |
| 6/29/2019 | 11.1 | 0.05 | 11.0 | 11.2 | 203.8 | 88.3 | NA | NA | NA | NA | NA | NA |
| 6/30/2019 | 9.9 | 0.52 | 9.4 | 10.8 | 213.7 | 94.2 | NA | NA | NA | NA | NA | NA |

July

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/1/2019 | 9.4 | 0.27 | 8.9 | 9.6 | 9.4 | 5.4 | NA | NA | NA | NA | NA | NA |
| 7/2/2019 | 9.6 | 0.32 | 9.0 | 10.2 | 19.0 | 11.0 | NA | NA | NA | NA | NA | NA |
| 7/3/2019 | 11.0 | 0.63 | 9.9 | 11.6 | 30.0 | 18.0 | NA | NA | NA | NA | NA | NA |
| 7/4/2019 | 12.0 | 0.29 | 11.5 | 12.3 | 41.9 | 25.9 | NA | NA | NA | NA | NA | NA |
| 7/5/2019 | 12.4 | 0.08 | 12.2 | 12.5 | 54.3 | 34.3 | NA | NA | NA | NA | NA | NA |
| 7/6/2019 | 12.5 | 0.16 | 12.3 | 12.7 | 66.8 | 42.8 | NA | NA | NA | NA | NA | NA |
| 7/7/2019 | 12.8 | 0.15 | 12.6 | 13.0 | 79.6 | 51.6 | NA | NA | NA | NA | NA | NA |
| 7/8/2019 | 13.4 | 0.30 | 13.1 | 14.0 | 93.0 | 61.0 | NA | NA | NA | NA | NA | NA |
| 7/9/2019 | 14.9 | 0.47 | 14.2 | 15.6 | 107.9 | 71.9 | NA | NA | NA | NA | NA | NA |
| 7/10/2019 | 16.2 | 0.39 | 15.6 | 16.7 | 124.0 | 84.0 | NA | NA | NA | NA | NA | NA |
| 7/11/2019 | 15.9 | 0.94 | 14.4 | 16.7 | 139.9 | 95.9 | NA | NA | NA | NA | NA | NA |
| 7/12/2019 | 15.8 | 0.36 | 15.1 | 16.3 | 155.8 | 107.8 | NA | NA | NA | NA | NA | NA |
| 7/13/2019 | 13.6 | 0.55 | 13.0 | 15.1 | 169.4 | 117.4 | NA | NA | NA | NA | NA | NA |
| 7/14/2019 | 11.7 | 0.86 | 10.5 | 13.6 | 181.1 | 125.1 | NA | NA | NA | NA | NA | NA |
| 7/15/2019 | 12.4 | 0.67 | 11.7 | 14.0 | 193.5 | 133.5 | NA | NA | NA | NA | NA | NA |
| 7/16/2019 | 14.0 | 0.53 | 12.9 | 14.5 | 207.5 | 143.5 | NA | NA | NA | NA | NA | NA |
| 7/17/2019 | 14.4 | 1.12 | 13.0 | 16.5 | 221.9 | 153.9 | NA | NA | NA | NA | NA | NA |
| 7/18/2019 | 15.9 | 1.29 | 13.9 | 17.8 | 237.7 | 165.7 | NA | NA | NA | NA | NA | NA |
| 7/19/2019 | 16.0 | 1.32 | 14.5 | 18.3 | 253.7 | 177.7 | NA | NA | NA | NA | NA | NA |
| 7/20/2019 | 15.9 | 0.46 | 15.3 | 16.6 | 269.7 | 189.7 | NA | NA | NA | NA | NA | NA |
| 7/21/2019 | 16.7 | 0.68 | 15.7 | 17.6 | 286.4 | 202.4 | NA | NA | NA | NA | NA | NA |
| 7/22/2019 | 17.4 | 0.60 | 16.4 | 18.1 | 303.8 | 215.8 | NA | NA | NA | NA | NA | NA |
| 7/23/2019 | 17.4 | 0.59 | 16.5 | 18.1 | 321.2 | 229.2 | NA | NA | NA | NA | NA | NA |
| 7/24/2019 | 16.2 | 0.89 | 15.1 | 17.7 | 337.4 | 241.4 | NA | NA | NA | NA | NA | NA |
| 7/25/2019 | 16.5 | 1.09 | 15.1 | 18.1 | 353.9 | 253.9 | NA | NA | NA | NA | NA | NA |
| 7/26/2019 | 16.9 | 1.03 | 15.0 | 18.0 | 370.8 | 266.8 | NA | NA | NA | NA | NA | NA |
| 7/27/2019 | 17.3 | 0.83 | 16.1 | 18.5 | 388.1 | 280.1 | NA | NA | NA | NA | NA | NA |
| 7/28/2019 | 15.7 | 0.43 | 15.2 | 16.7 | 403.8 | 291.8 | NA | NA | NA | NA | NA | NA |
| 7/29/2019 | 15.7 | 1.10 | 14.6 | 17.9 | 419.6 | 303.6 | NA | NA | NA | NA | NA | NA |
| 7/30/2019 | 16.0 | 0.82 | 14.7 | 17.5 | 435.5 | 315.5 | NA | NA | NA | NA | NA | NA |
| 7/31/2019 | 16.1 | 0.69 | 15.3 | 17.5 | 451.6 | 327.6 | NA | NA | NA | NA | NA | NA |

August

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/1/2019 | 17.0 | 0.84 | 15.9 | 18.0 | 17.0 | 13.0 | NA | NA | NA | NA | NA | NA |
| 8/2/2019 | 17.4 | 0.79 | 15.9 | 18.5 | 34.4 | 26.4 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/3/2019 | 18.4 | 0.42 | 17.8 | 18.9 | 52.7 | 40.7 | NA | NA | NA | NA | NA | NA |
| 8/4/2019 | 20.2 | 1.11 | 17.9 | 21.6 | 72.9 | 56.9 | NA | NA | NA | NA | NA | NA |
| 8/5/2019 | 20.5 | 1.67 | 17.4 | 21.9 | 93.4 | 73.4 | NA | NA | NA | NA | NA | NA |
| 8/6/2019 | 21.3 | 0.50 | 20.1 | 21.7 | 114.7 | 90.7 | NA | NA | NA | NA | NA | NA |
| 8/7/2019 | 18.8 | 0.90 | 17.7 | 20.3 | 133.5 | 105.5 | NA | NA | NA | NA | NA | NA |
| 8/8/2019 | 16.9 | 0.80 | 15.7 | 18.0 | 150.4 | 118.4 | NA | NA | NA | NA | NA | NA |
| 8/9/2019 | 14.5 | 0.64 | 13.8 | 15.7 | 164.9 | 128.9 | NA | NA | NA | NA | NA | NA |
| 8/10/2019 | 13.8 | 0.24 | 13.6 | 14.4 | 178.7 | 138.7 | NA | NA | NA | NA | NA | NA |
| 8/11/2019 | 15.0 | 0.63 | 14.2 | 15.9 | 193.8 | 149.8 | NA | NA | NA | NA | NA | NA |
| 8/12/2019 | 17.7 | 1.50 | 15.7 | 20.0 | 211.4 | 163.4 | NA | NA | NA | NA | NA | NA |
| 8/13/2019 | 20.3 | 0.90 | 18.6 | 21.1 | 231.7 | 179.7 | NA | NA | NA | NA | NA | NA |
| 8/14/2019 | 19.6 | 0.76 | 18.4 | 21.1 | 251.4 | 195.4 | NA | NA | NA | NA | NA | NA |
| 8/15/2019 | 20.0 | 0.67 | 18.7 | 21.0 | 271.4 | 211.4 | NA | NA | NA | NA | NA | NA |
| 8/16/2019 | 18.4 | 0.64 | 17.5 | 19.6 | 289.8 | 225.8 | NA | NA | NA | NA | NA | NA |
| 8/17/2019 | 17.5 | 0.81 | 16.5 | 19.2 | 307.3 | 239.3 | NA | NA | NA | NA | NA | NA |
| 8/18/2019 | 16.2 | 0.83 | 15.2 | 17.6 | 323.5 | 251.5 | NA | NA | NA | NA | NA | NA |
| 8/19/2019 | 15.3 | 0.16 | 15.0 | 15.6 | 338.8 | 262.8 | NA | NA | NA | NA | NA | NA |
| 8/20/2019 | 15.7 | 0.36 | 15.1 | 16.1 | 354.5 | 274.5 | NA | NA | NA | NA | NA | NA |
| 8/21/2019 | 17.0 | 0.33 | 16.3 | 17.5 | 371.5 | 287.5 | NA | NA | NA | NA | NA | NA |
| 8/22/2019 | 17.0 | 1.16 | 15.7 | 19.6 | 388.5 | 300.5 | NA | NA | NA | NA | NA | NA |
| 8/23/2019 | 16.9 | 0.79 | 15.4 | 17.8 | 405.4 | 313.4 | NA | NA | NA | NA | NA | NA |
| 8/24/2019 | 19.6 | 1.32 | 17.8 | 21.5 | 425.0 | 329.0 | NA | NA | NA | NA | NA | NA |
| 8/25/2019 | 20.1 | 1.22 | 17.9 | 21.3 | 445.1 | 345.1 | NA | NA | NA | NA | NA | NA |
| 8/26/2019 | 16.7 | 0.46 | 16.2 | 17.5 | 461.8 | 357.8 | NA | NA | NA | NA | NA | NA |
| 8/27/2019 | 18.6 | 1.51 | 16.5 | 20.1 | 480.5 | 372.5 | NA | NA | NA | NA | NA | NA |
| 8/28/2019 | 18.6 | 0.45 | 17.7 | 19.3 | 499.1 | 387.1 | NA | NA | NA | NA | NA | NA |
| 8/29/2019 | 18.8 | 0.65 | 17.8 | 19.4 | 517.9 | 401.9 | NA | NA | NA | NA | NA | NA |
| 8/30/2019 | 17.2 | 1.11 | 15.8 | 18.8 | 535.1 | 415.1 | NA | NA | NA | NA | NA | NA |
| 8/31/2019 | 18.7 | 0.32 | 17.8 | 19.0 | 553.8 | 429.8 | NA | NA | NA | NA | NA | NA |

September

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/1/2019 | 19.3 | 0.14 | 19.0 | 19.6 | 19.3 | 15.3 | NA | NA | NA | NA | NA | NA |
| 9/2/2019 | 19.1 | 0.23 | 18.6 | 19.3 | 38.4 | 30.4 | NA | NA | NA | NA | NA | NA |
| 9/3/2019 | 18.5 | 0.55 | 17.0 | 19.2 | 57.0 | 45.0 | NA | NA | NA | NA | NA | NA |
| 9/4/2019 | 18.1 | 0.78 | 17.1 | 19.3 | 75.0 | 59.0 | NA | NA | NA | NA | NA | NA |
| 9/5/2019 | 18.8 | 0.98 | 16.7 | 19.4 | 93.8 | 73.8 | NA | NA | NA | NA | NA | NA |
| 9/6/2019 | 19.0 | 0.69 | 17.0 | 19.4 | 112.8 | 88.8 | NA | NA | NA | NA | NA | NA |
| 9/7/2019 | 16.1 | 3.98 | 7.1 | 19.3 | 128.8 | 100.8 | NA | NA | NA | NA | NA | NA |
| 9/8/2019 | 14.7 | 0.67 | 13.5 | 15.6 | 143.6 | 111.6 | NA | NA | NA | NA | NA | NA |
| 9/9/2019 | 15.1 | 0.15 | 14.9 | 15.3 | 158.7 | 122.7 | NA | NA | NA | NA | NA | NA |
| 9/10/2019 | 15.3 | 0.05 | 15.3 | 15.4 | 174.0 | 134.0 | NA | NA | NA | NA | NA | NA |
| 9/11/2019 | 15.4 | 0.28 | 14.7 | 15.8 | 189.4 | 145.4 | NA | NA | NA | NA | NA | NA |
| 9/12/2019 | 15.8 | 0.07 | 15.7 | 15.9 | 205.2 | 157.2 | NA | NA | NA | NA | NA | NA |
| 9/13/2019 | 15.8 | 0.06 | 15.7 | 15.9 | 221.0 | 169.0 | NA | NA | NA | NA | NA | NA |
| 9/14/2019 | 15.7 | 0.12 | 15.6 | 15.9 | 236.7 | 180.7 | NA | NA | NA | NA | NA | NA |
| 9/15/2019 | 16.0 | 0.03 | 15.9 | 16.1 | 252.7 | 192.7 | NA | NA | NA | NA | NA | NA |
| 9/16/2019 | 15.9 | 0.17 | 15.7 | 16.2 | 268.6 | 204.6 | NA | NA | NA | NA | NA | NA |
| 9/17/2019 | 15.9 | 0.11 | 15.8 | 16.1 | 284.6 | 216.6 | NA | NA | NA | NA | NA | NA |
| 9/18/2019 | 15.5 | 0.15 | 15.3 | 15.8 | 300.1 | 228.1 | NA | NA | NA | NA | NA | NA |
| 9/19/2019 | 15.2 | 0.03 | 15.1 | 15.2 | 315.2 | 239.2 | NA | NA | NA | NA | NA | NA |
| 9/20/2019 | 15.1 | 0.05 | 15.0 | 15.2 | 330.3 | 250.3 | NA | NA | NA | NA | NA | NA |
| 9/21/2019 | 15.2 | 0.17 | 15.0 | 15.4 | 345.6 | 261.6 | NA | NA | NA | NA | NA | NA |
| 9/22/2019 | 15.2 | 0.09 | 14.9 | 15.3 | 360.7 | 272.7 | NA | NA | NA | NA | NA | NA |
| 9/23/2019 | 15.2 | 0.06 | 15.1 | 15.3 | 375.9 | 283.9 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/24/2019 | 15.2 | 0.04 | 15.2 | 15.3 | 391.1 | 295.1 | NA | NA | NA | NA | NA | NA |
| 9/25/2019 | 15.2 | 0.08 | 15.1 | 15.4 | 406.3 | 306.3 | NA | NA | NA | NA | NA | NA |
| 9/26/2019 | 15.4 | 0.06 | 15.4 | 15.5 | 421.7 | 317.7 | NA | NA | NA | NA | NA | NA |
| 9/27/2019 | 15.6 | 0.11 | 15.4 | 15.7 | 437.3 | 329.3 | NA | NA | NA | NA | NA | NA |
| 9/28/2019 | 15.5 | 0.03 | 15.5 | 15.6 | 452.8 | 340.8 | NA | NA | NA | NA | NA | NA |
| 9/29/2019 | 15.6 | 0.05 | 15.5 | 15.7 | 468.4 | 352.4 | NA | NA | NA | NA | NA | NA |
| 9/30/2019 | 15.4 | 0.11 | 15.2 | 15.6 | 483.8 | 363.8 | NA | NA | NA | NA | NA | NA |

October

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/1/2019 | 15.1 | 0.14 | 14.9 | 15.2 | 15.1 | 11.1 | NA | NA | NA | NA | NA | NA |
| 10/2/2019 | 14.8 | 0.08 | 14.7 | 14.9 | 29.9 | 21.9 | NA | NA | NA | NA | NA | NA |
| 10/3/2019 | 14.6 | 0.07 | 14.5 | 14.7 | 44.5 | 32.5 | NA | NA | NA | NA | NA | NA |
| 10/4/2019 | 14.2 | 0.27 | 13.8 | 14.5 | 58.7 | 42.7 | NA | NA | NA | NA | NA | NA |
| 10/5/2019 | 14.0 | 0.19 | 13.7 | 14.3 | 72.7 | 52.7 | NA | NA | NA | NA | NA | NA |
| 10/6/2019 | 13.6 | 0.03 | 13.6 | 13.7 | 86.3 | 62.3 | NA | NA | NA | NA | NA | NA |
| 10/7/2019 | 13.7 | 0.11 | 13.5 | 13.9 | 100.0 | 72.0 | NA | NA | NA | NA | NA | NA |
| 10/8/2019 | 13.7 | 0.08 | 13.6 | 13.8 | 113.7 | 81.7 | NA | NA | NA | NA | NA | NA |
| 10/9/2019 | 13.8 | 0.08 | 13.7 | 13.9 | 127.5 | 91.5 | NA | NA | NA | NA | NA | NA |
| 10/10/2019 | 13.8 | 0.02 | 13.8 | 13.8 | 141.2 | 101.2 | NA | NA | NA | NA | NA | NA |
| 10/11/2019 | 13.7 | 0.03 | 13.7 | 13.8 | 155.0 | 111.0 | NA | NA | NA | NA | NA | NA |
| 10/12/2019 | 13.6 | 0.10 | 13.5 | 13.7 | 168.6 | 120.6 | NA | NA | NA | NA | NA | NA |
| 10/13/2019 | 13.5 | 0.02 | 13.4 | 13.5 | 182.1 | 130.1 | NA | NA | NA | NA | NA | NA |
| 10/14/2019 | 13.3 | 0.03 | 13.3 | 13.4 | 195.4 | 139.4 | NA | NA | NA | NA | NA | NA |
| 10/15/2019 | 13.3 | 0.04 | 13.3 | 13.4 | 208.7 | 148.7 | NA | NA | NA | NA | NA | NA |
| 10/16/2019 | 13.4 | 0.02 | 13.3 | 13.4 | 222.1 | 158.1 | NA | NA | NA | NA | NA | NA |
| 10/17/2019 | 13.2 | 0.08 | 13.1 | 13.4 | 235.3 | 167.3 | NA | NA | NA | NA | NA | NA |
| 10/18/2019 | 13.2 | 0.04 | 13.1 | 13.2 | 248.5 | 176.5 | NA | NA | NA | NA | NA | NA |
| 10/19/2019 | 13.0 | 0.03 | 12.9 | 13.1 | 261.5 | 185.5 | NA | NA | NA | NA | NA | NA |
| 10/20/2019 | 12.8 | 0.04 | 12.8 | 12.9 | 274.3 | 194.3 | NA | NA | NA | NA | NA | NA |
| 10/21/2019 | 12.7 | 0.04 | 12.6 | 12.8 | 287.0 | 203.0 | NA | NA | NA | NA | NA | NA |
| 10/22/2019 | 12.7 | 0.03 | 12.6 | 12.7 | 299.7 | 211.7 | NA | NA | NA | NA | NA | NA |
| 10/23/2019 | 12.6 | 0.09 | 12.5 | 12.7 | 312.3 | 220.3 | NA | NA | NA | NA | NA | NA |
| 10/24/2019 | 12.4 | 0.04 | 12.4 | 12.5 | 324.7 | 228.7 | NA | NA | NA | NA | NA | NA |
| 10/25/2019 | 12.3 | 0.04 | 12.2 | 12.4 | 337.0 | 237.0 | NA | NA | NA | NA | NA | NA |
| 10/26/2019 | 12.2 | 0.06 | 12.1 | 12.3 | 349.2 | 245.2 | NA | NA | NA | NA | NA | NA |
| 10/27/2019 | 12.0 | 0.07 | 11.8 | 12.1 | 361.2 | 253.2 | NA | NA | NA | NA | NA | NA |
| 10/28/2019 | 11.7 | 0.08 | 11.6 | 11.9 | 372.9 | 260.9 | NA | NA | NA | NA | NA | NA |
| 10/29/2019 | 11.6 | 0.14 | 11.4 | 11.8 | 384.5 | 268.5 | NA | NA | NA | NA | NA | NA |
| 10/30/2019 | 11.5 | 0.05 | 11.4 | 11.5 | 396.0 | 276.0 | NA | NA | NA | NA | NA | NA |
| 10/31/2019 | 11.5 | 0.08 | 11.4 | 11.6 | 407.4 | 283.4 | NA | NA | NA | NA | NA | NA |

November

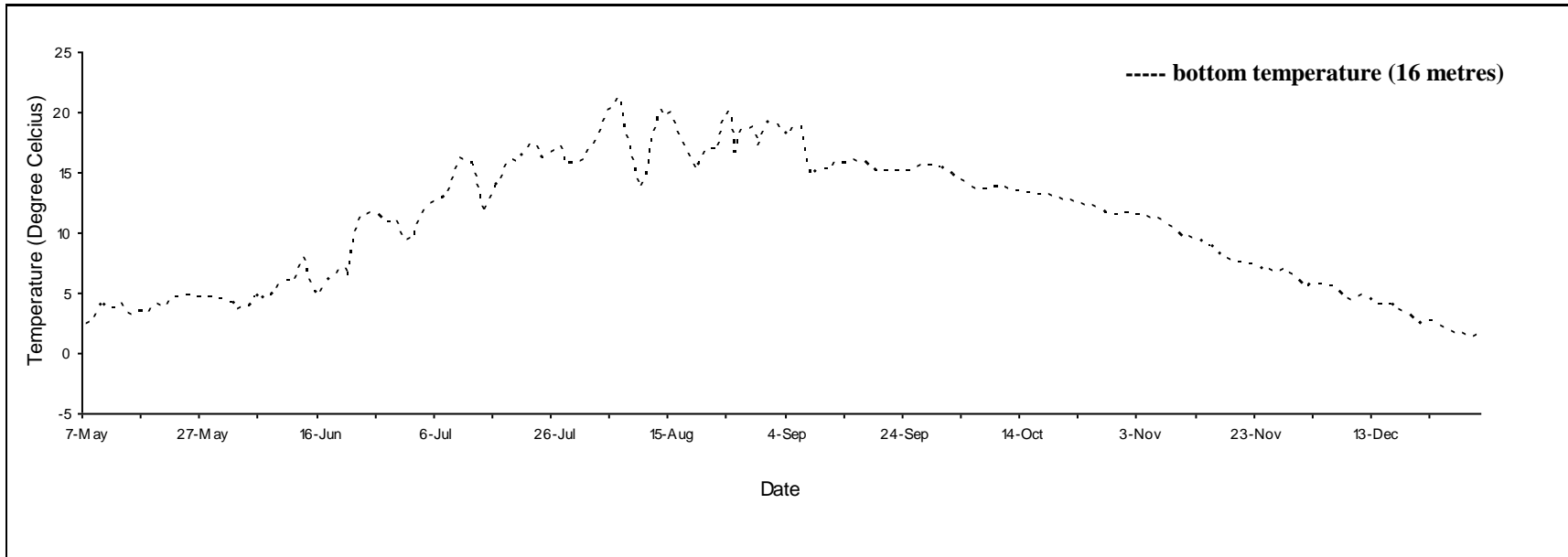
| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 11/1/2019 | 11.6 | 0.18 | 11.4 | 11.9 | 11.6 | 7.6 | NA | NA | NA | NA | NA | NA |
| 11/2/2019 | 11.6 | 0.05 | 11.5 | 11.7 | 23.2 | 15.2 | NA | NA | NA | NA | NA | NA |
| 11/3/2019 | 11.5 | 0.11 | 11.4 | 11.6 | 34.8 | 22.8 | NA | NA | NA | NA | NA | NA |
| 11/4/2019 | 11.3 | 0.02 | 11.3 | 11.4 | 46.1 | 30.1 | NA | NA | NA | NA | NA | NA |
| 11/5/2019 | 11.3 | 0.09 | 11.1 | 11.4 | 57.4 | 37.4 | NA | NA | NA | NA | NA | NA |
| 11/6/2019 | 11.2 | 0.07 | 11.1 | 11.3 | 68.5 | 44.5 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 11/7/2019 | 10.8 | 0.09 | 10.7 | 11.0 | 79.4 | 51.4 | NA | NA | NA | NA | NA | NA |
| 11/8/2019 | 10.7 | 0.04 | 10.6 | 10.7 | 90.0 | 58.0 | NA | NA | NA | NA | NA | NA |
| 11/9/2019 | 10.3 | 0.17 | 9.9 | 10.5 | 100.4 | 64.4 | NA | NA | NA | NA | NA | NA |
| 11/10/2019 | 9.7 | 0.15 | 9.5 | 9.9 | 110.1 | 70.1 | NA | NA | NA | NA | NA | NA |
| 11/11/2019 | 9.7 | 0.15 | 9.5 | 9.9 | 119.8 | 75.8 | NA | NA | NA | NA | NA | NA |
| 11/12/2019 | 9.5 | 0.08 | 9.3 | 9.6 | 129.3 | 81.3 | NA | NA | NA | NA | NA | NA |
| 11/13/2019 | 9.5 | 0.14 | 9.3 | 9.7 | 138.7 | 86.7 | NA | NA | NA | NA | NA | NA |
| 11/14/2019 | 9.2 | 0.11 | 9.0 | 9.3 | 147.9 | 91.9 | NA | NA | NA | NA | NA | NA |
| 11/15/2019 | 8.9 | 0.10 | 8.7 | 9.0 | 156.8 | 96.8 | NA | NA | NA | NA | NA | NA |
| 11/16/2019 | 8.6 | 0.14 | 8.3 | 8.7 | 165.4 | 101.4 | NA | NA | NA | NA | NA | NA |
| 11/17/2019 | 8.0 | 0.13 | 7.8 | 8.2 | 173.4 | 105.4 | NA | NA | NA | NA | NA | NA |
| 11/18/2019 | 7.9 | 0.15 | 7.7 | 8.1 | 181.3 | 109.3 | NA | NA | NA | NA | NA | NA |
| 11/19/2019 | 7.8 | 0.14 | 7.6 | 7.9 | 189.0 | 113.0 | NA | NA | NA | NA | NA | NA |
| 11/20/2019 | 7.5 | 0.14 | 7.4 | 7.8 | 196.6 | 116.6 | NA | NA | NA | NA | NA | NA |
| 11/21/2019 | 7.5 | 0.14 | 7.4 | 7.8 | 204.1 | 120.1 | NA | NA | NA | NA | NA | NA |
| 11/22/2019 | 7.4 | 0.13 | 7.3 | 7.6 | 211.6 | 123.6 | NA | NA | NA | NA | NA | NA |
| 11/23/2019 | 7.4 | 0.19 | 7.2 | 7.7 | 218.9 | 126.9 | NA | NA | NA | NA | NA | NA |
| 11/24/2019 | 7.0 | 0.07 | 6.9 | 7.1 | 226.0 | 130.0 | NA | NA | NA | NA | NA | NA |
| 11/25/2019 | 6.9 | 0.09 | 6.8 | 7.1 | 232.9 | 132.9 | NA | NA | NA | NA | NA | NA |
| 11/26/2019 | 6.8 | 0.01 | 6.8 | 6.8 | 239.7 | 135.7 | NA | NA | NA | NA | NA | NA |
| 11/27/2019 | 6.8 | 0.03 | 6.8 | 6.9 | 246.5 | 138.5 | NA | NA | NA | NA | NA | NA |
| 11/28/2019 | 6.9 | 0.05 | 6.8 | 7.0 | 253.4 | 141.4 | NA | NA | NA | NA | NA | NA |
| 11/29/2019 | 6.5 | 0.15 | 6.3 | 6.8 | 259.9 | 143.9 | NA | NA | NA | NA | NA | NA |
| 11/30/2019 | 6.1 | 0.13 | 5.9 | 6.3 | 266.0 | 146.0 | NA | NA | NA | NA | NA | NA |

December

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 12/1/2019 | 5.6 | 0.14 | 5.4 | 5.9 | 5.6 | 1.6 | NA | NA | NA | NA | NA | NA |
| 12/2/2019 | 5.6 | 0.21 | 5.3 | 6.0 | 11.2 | 3.2 | NA | NA | NA | NA | NA | NA |
| 12/3/2019 | 5.8 | 0.10 | 5.6 | 6.0 | 17.0 | 5.0 | NA | NA | NA | NA | NA | NA |
| 12/4/2019 | 5.7 | 0.10 | 5.5 | 5.8 | 22.7 | 6.7 | NA | NA | NA | NA | NA | NA |
| 12/5/2019 | 5.6 | 0.01 | 5.6 | 5.6 | 28.4 | 8.4 | NA | NA | NA | NA | NA | NA |
| 12/6/2019 | 5.5 | 0.06 | 5.4 | 5.7 | 33.9 | 9.9 | NA | NA | NA | NA | NA | NA |
| 12/7/2019 | 5.2 | 0.20 | 4.9 | 5.4 | 39.1 | 11.1 | NA | NA | NA | NA | NA | NA |
| 12/8/2019 | 4.7 | 0.18 | 4.3 | 5.0 | 43.8 | 11.8 | NA | NA | NA | NA | NA | NA |
| 12/9/2019 | 4.4 | 0.23 | 4.1 | 4.7 | 48.2 | 12.2 | NA | NA | NA | NA | NA | NA |
| 12/10/2019 | 4.7 | 0.17 | 4.4 | 4.9 | 52.9 | 12.9 | NA | NA | NA | NA | NA | NA |
| 12/11/2019 | 4.9 | 0.10 | 4.7 | 5.0 | 57.8 | 13.8 | NA | NA | NA | NA | NA | NA |
| 12/12/2019 | 4.6 | 0.10 | 4.4 | 4.7 | 62.4 | 14.4 | NA | NA | NA | NA | NA | NA |
| 12/13/2019 | 4.3 | 0.13 | 4.1 | 4.4 | 66.6 | 14.6 | NA | NA | NA | NA | NA | NA |
| 12/14/2019 | 4.1 | 0.10 | 4.0 | 4.3 | 70.8 | 14.8 | NA | NA | NA | NA | NA | NA |
| 12/15/2019 | 4.3 | 0.10 | 4.2 | 4.4 | 75.0 | 15.0 | NA | NA | NA | NA | NA | NA |
| 12/16/2019 | 4.1 | 0.15 | 3.8 | 4.3 | 79.1 | 15.1 | NA | NA | NA | NA | NA | NA |
| 12/17/2019 | 3.6 | 0.13 | 3.4 | 3.8 | 82.7 | 15.1 | NA | NA | NA | NA | NA | NA |
| 12/18/2019 | 3.5 | 0.07 | 3.4 | 3.6 | 86.2 | 15.1 | NA | NA | NA | NA | NA | NA |
| 12/19/2019 | 3.2 | 0.35 | 2.7 | 3.6 | 89.5 | 15.1 | NA | NA | NA | NA | NA | NA |
| 12/20/2019 | 2.7 | 0.10 | 2.5 | 2.9 | 92.1 | 15.1 | NA | NA | NA | NA | NA | NA |
| 12/21/2019 | 2.4 | 0.15 | 2.3 | 2.7 | 94.6 | 15.1 | NA | NA | NA | NA | NA | NA |
| 12/22/2019 | 2.7 | 0.08 | 2.5 | 2.8 | 97.3 | 15.1 | NA | NA | NA | NA | NA | NA |
| 12/23/2019 | 2.7 | 0.08 | 2.6 | 2.8 | 99.9 | 15.1 | NA | NA | NA | NA | NA | NA |
| 12/24/2019 | 2.4 | 0.21 | 2.1 | 2.7 | 102.3 | 15.1 | NA | NA | NA | NA | NA | NA |
| 12/25/2019 | 2.2 | 0.06 | 2.1 | 2.3 | 104.5 | 15.1 | NA | NA | NA | NA | NA | NA |
| 12/26/2019 | 1.9 | 0.14 | 1.8 | 2.2 | 106.4 | 15.1 | NA | NA | NA | NA | NA | NA |
| 12/27/2019 | 1.7 | 0.08 | 1.6 | 1.8 | 108.2 | 15.1 | NA | NA | NA | NA | NA | NA |
| 12/28/2019 | 1.6 | 0.08 | 1.5 | 1.8 | 109.8 | 15.1 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 12/29/2019 | 1.5 | 0.06 | 1.4 | 1.5 | 111.2 | 15.1 | NA | NA | NA | NA | NA | NA |
| 12/30/2019 | 1.3 | 0.08 | 1.3 | 1.5 | 112.6 | 15.1 | NA | NA | NA | NA | NA | NA |
| 12/31/2019 | 1.6 | 0.09 | 1.4 | 1.7 | 114.1 | 15.1 | NA | NA | NA | NA | NA | NA |



Daily mean temperature for Jack Shoal, N.S., 2019.

Judique Shoals, N.S.

2019

April

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 4/15/2019 | 0.8 | 0.38 | 0.5 | 1.5 | 0.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/16/2019 | 1.4 | 0.17 | 1.2 | 1.7 | 2.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/17/2019 | 1.2 | 0.16 | 0.9 | 1.5 | 3.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/18/2019 | 0.9 | 0.21 | 0.7 | 1.2 | 4.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/19/2019 | 1.4 | 0.13 | 1.2 | 1.6 | 5.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/20/2019 | 1.6 | 0.16 | 1.4 | 1.9 | 7.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/21/2019 | 1.4 | 0.22 | 1.1 | 1.8 | 8.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/22/2019 | 1.5 | 0.27 | 1.2 | 2.0 | 10.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/23/2019 | 1.4 | 0.09 | 1.2 | 1.5 | 11.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/24/2019 | 1.5 | 0.25 | 1.2 | 1.9 | 13.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/25/2019 | 1.4 | 0.47 | 0.9 | 2.1 | 14.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/26/2019 | 1.2 | 0.11 | 1.0 | 1.4 | 15.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/27/2019 | 1.7 | 0.33 | 1.3 | 2.3 | 17.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/28/2019 | 2.3 | 0.17 | 2.1 | 2.6 | 19.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/29/2019 | 1.9 | 0.12 | 1.8 | 2.2 | 21.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 4/30/2019 | 2.0 | 0.14 | 1.9 | 2.3 | 23.6 | 0.0 | NA | NA | NA | NA | NA | NA |

May

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 5/1/2019 | 2.3 | 0.23 | 2.0 | 2.6 | 2.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/2/2019 | 2.3 | 0.09 | 2.2 | 2.5 | 4.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/3/2019 | 2.3 | 0.10 | 2.2 | 2.5 | 7.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/4/2019 | 2.7 | 0.20 | 2.3 | 2.9 | 9.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/5/2019 | 2.8 | 0.20 | 2.4 | 3.0 | 12.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/6/2019 | 2.5 | 0.08 | 2.4 | 2.7 | 14.9 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/7/2019 | 2.7 | 0.20 | 2.5 | 3.0 | 17.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/8/2019 | 3.3 | 0.24 | 2.9 | 3.6 | 21.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/9/2019 | 2.5 | 0.22 | 2.2 | 2.8 | 23.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/10/2019 | 2.5 | 0.29 | 2.1 | 2.9 | 26.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/11/2019 | 3.5 | 0.29 | 2.9 | 3.8 | 29.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/12/2019 | 3.5 | 0.31 | 3.1 | 4.0 | 33.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/13/2019 | 3.4 | 0.28 | 3.0 | 3.8 | 36.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/14/2019 | 3.7 | 0.07 | 3.6 | 3.9 | 40.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/15/2019 | 3.6 | 0.37 | 2.9 | 4.0 | 43.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/16/2019 | 4.1 | 0.19 | 3.8 | 4.4 | 47.8 | 0.1 | NA | NA | NA | NA | NA | NA |
| 5/17/2019 | 4.1 | 0.11 | 3.9 | 4.3 | 51.9 | 0.2 | NA | NA | NA | NA | NA | NA |
| 5/18/2019 | 3.7 | 0.59 | 2.2 | 4.1 | 55.6 | 0.2 | NA | NA | NA | NA | NA | NA |
| 5/19/2019 | 2.4 | 0.84 | 1.2 | 3.4 | 58.0 | 0.2 | NA | NA | NA | NA | NA | NA |
| 5/20/2019 | 3.5 | 0.38 | 3.0 | 4.1 | 61.5 | 0.2 | NA | NA | NA | NA | NA | NA |
| 5/21/2019 | 3.7 | 0.20 | 3.4 | 4.1 | 65.2 | 0.2 | NA | NA | NA | NA | NA | NA |
| 5/22/2019 | 3.9 | 0.46 | 3.2 | 4.5 | 69.1 | 0.2 | NA | NA | NA | NA | NA | NA |
| 5/23/2019 | 3.4 | 0.20 | 3.1 | 3.7 | 72.6 | 0.2 | NA | NA | NA | NA | NA | NA |
| 5/24/2019 | 4.3 | 0.33 | 3.6 | 4.6 | 76.9 | 0.5 | NA | NA | NA | NA | NA | NA |
| 5/25/2019 | 4.5 | 0.06 | 4.4 | 4.6 | 81.4 | 1.0 | NA | NA | NA | NA | NA | NA |
| 5/26/2019 | 4.6 | 0.14 | 4.5 | 4.9 | 86.0 | 1.6 | NA | NA | NA | NA | NA | NA |
| 5/27/2019 | 5.5 | 0.34 | 4.9 | 5.9 | 91.5 | 3.1 | NA | NA | NA | NA | NA | NA |
| 5/28/2019 | 5.7 | 0.20 | 5.4 | 6.0 | 97.2 | 4.8 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 5/29/2019 | 5.4 | 0.18 | 5.3 | 5.9 | 102.6 | 6.3 | NA | NA | NA | NA | NA | NA |
| 5/30/2019 | 5.3 | 0.21 | 5.1 | 5.9 | 108.0 | 7.6 | NA | NA | NA | NA | NA | NA |
| 5/31/2019 | 7.0 | 0.64 | 5.8 | 7.6 | 114.9 | 10.6 | NA | NA | NA | NA | NA | NA |

June

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/1/2019 | 7.5 | 0.03 | 7.4 | 7.5 | 7.5 | 3.5 | NA | NA | NA | NA | NA | NA |
| 6/2/2019 | 7.2 | 0.23 | 6.8 | 7.6 | 14.7 | 6.7 | NA | NA | NA | NA | NA | NA |
| 6/3/2019 | 6.9 | 0.24 | 6.4 | 7.3 | 21.6 | 9.6 | NA | NA | NA | NA | NA | NA |
| 6/4/2019 | 6.3 | 0.18 | 5.9 | 6.5 | 27.9 | 11.9 | NA | NA | NA | NA | NA | NA |
| 6/5/2019 | 6.1 | 0.34 | 5.7 | 6.9 | 34.0 | 14.0 | NA | NA | NA | NA | NA | NA |
| 6/6/2019 | 6.0 | 0.89 | 4.9 | 7.4 | 40.0 | 16.0 | NA | NA | NA | NA | NA | NA |
| 6/7/2019 | 5.5 | 0.33 | 5.1 | 6.1 | 45.5 | 17.5 | NA | NA | NA | NA | NA | NA |
| 6/8/2019 | 5.2 | 0.20 | 4.9 | 5.5 | 50.7 | 18.7 | NA | NA | NA | NA | NA | NA |
| 6/9/2019 | 4.8 | 0.39 | 4.2 | 5.6 | 55.5 | 19.5 | NA | NA | NA | NA | NA | NA |
| 6/10/2019 | 5.8 | 0.50 | 5.2 | 6.6 | 61.2 | 21.2 | NA | NA | NA | NA | NA | NA |
| 6/11/2019 | 7.0 | 0.96 | 5.8 | 8.7 | 68.3 | 24.3 | NA | NA | NA | NA | NA | NA |
| 6/12/2019 | 7.9 | 1.67 | 5.5 | 9.7 | 76.2 | 28.2 | NA | NA | NA | NA | NA | NA |
| 6/13/2019 | 6.7 | 0.46 | 6.0 | 7.5 | 82.9 | 30.9 | NA | NA | NA | NA | NA | NA |
| 6/14/2019 | 8.5 | 1.15 | 7.1 | 9.8 | 91.4 | 35.4 | NA | NA | NA | NA | NA | NA |
| 6/15/2019 | 9.2 | 0.47 | 8.2 | 9.7 | 100.6 | 40.6 | NA | NA | NA | NA | NA | NA |
| 6/16/2019 | 8.1 | 0.77 | 6.8 | 9.2 | 108.7 | 44.7 | NA | NA | NA | NA | NA | NA |
| 6/17/2019 | 8.2 | 0.56 | 7.1 | 8.9 | 116.9 | 48.9 | NA | NA | NA | NA | NA | NA |
| 6/18/2019 | 6.1 | 0.72 | 5.1 | 7.2 | 123.0 | 51.0 | NA | NA | NA | NA | NA | NA |
| 6/19/2019 | 6.4 | 0.76 | 5.2 | 7.3 | 129.4 | 53.4 | NA | NA | NA | NA | NA | NA |
| 6/20/2019 | 7.5 | 0.48 | 6.7 | 8.2 | 136.8 | 56.8 | NA | NA | NA | NA | NA | NA |
| 6/21/2019 | 8.1 | 0.68 | 7.0 | 8.8 | 145.0 | 61.0 | NA | NA | NA | NA | NA | NA |
| 6/22/2019 | 6.0 | 1.33 | 4.3 | 7.7 | 151.0 | 63.0 | NA | NA | NA | NA | NA | NA |
| 6/23/2019 | 6.1 | 1.02 | 4.5 | 7.8 | 157.0 | 65.0 | NA | NA | NA | NA | NA | NA |
| 6/24/2019 | 8.7 | 0.35 | 8.0 | 9.2 | 165.7 | 69.7 | NA | NA | NA | NA | NA | NA |
| 6/25/2019 | 9.8 | 0.57 | 9.0 | 10.5 | 175.5 | 75.5 | NA | NA | NA | NA | NA | NA |
| 6/26/2019 | 10.8 | 0.37 | 10.3 | 11.3 | 186.3 | 82.3 | NA | NA | NA | NA | NA | NA |
| 6/27/2019 | 11.3 | 0.15 | 11.1 | 11.5 | 197.7 | 89.7 | NA | NA | NA | NA | NA | NA |
| 6/28/2019 | 12.0 | 0.38 | 11.5 | 12.6 | 209.7 | 97.7 | NA | NA | NA | NA | NA | NA |
| 6/29/2019 | 12.5 | 0.11 | 12.4 | 12.7 | 222.2 | 106.2 | NA | NA | NA | NA | NA | NA |
| 6/30/2019 | 12.1 | 0.39 | 11.2 | 12.4 | 234.3 | 114.3 | NA | NA | NA | NA | NA | NA |

July

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/1/2019 | 11.4 | 0.41 | 10.7 | 11.9 | 11.4 | 7.4 | NA | NA | NA | NA | NA | NA |
| 7/2/2019 | 10.4 | 0.39 | 9.4 | 10.9 | 21.8 | 13.8 | NA | NA | NA | NA | NA | NA |
| 7/3/2019 | 9.1 | 0.25 | 8.7 | 9.5 | 30.9 | 18.9 | NA | NA | NA | NA | NA | NA |
| 7/4/2019 | 10.1 | 1.03 | 8.8 | 11.4 | 41.1 | 25.1 | NA | NA | NA | NA | NA | NA |
| 7/5/2019 | 11.8 | 0.35 | 11.3 | 12.2 | 52.8 | 32.8 | NA | NA | NA | NA | NA | NA |
| 7/6/2019 | 12.4 | 0.26 | 12.1 | 12.8 | 65.2 | 41.2 | NA | NA | NA | NA | NA | NA |
| 7/7/2019 | 12.5 | 0.23 | 12.2 | 12.8 | 77.7 | 49.7 | NA | NA | NA | NA | NA | NA |
| 7/8/2019 | 12.9 | 0.29 | 12.5 | 13.4 | 90.5 | 58.5 | NA | NA | NA | NA | NA | NA |
| 7/9/2019 | 13.5 | 0.24 | 13.1 | 13.9 | 104.0 | 68.0 | NA | NA | NA | NA | NA | NA |
| 7/10/2019 | 13.9 | 0.31 | 13.3 | 14.4 | 117.9 | 77.9 | NA | NA | NA | NA | NA | NA |
| 7/11/2019 | 14.4 | 0.36 | 14.1 | 15.3 | 132.3 | 88.3 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/12/2019 | 15.8 | 0.37 | 15.2 | 16.3 | 148.2 | 100.2 | NA | NA | NA | NA | NA | NA |
| 7/13/2019 | 16.6 | 0.18 | 16.3 | 16.9 | 164.8 | 112.8 | NA | NA | NA | NA | NA | NA |
| 7/14/2019 | 16.5 | 0.35 | 15.9 | 17.0 | 181.2 | 125.2 | NA | NA | NA | NA | NA | NA |
| 7/15/2019 | 14.4 | 1.22 | 12.7 | 16.1 | 195.7 | 135.7 | NA | NA | NA | NA | NA | NA |
| 7/16/2019 | 13.5 | 0.65 | 12.7 | 14.6 | 209.1 | 145.1 | NA | NA | NA | NA | NA | NA |
| 7/17/2019 | 15.3 | 0.53 | 14.7 | 16.1 | 224.5 | 156.5 | NA | NA | NA | NA | NA | NA |
| 7/18/2019 | 15.0 | 1.29 | 12.9 | 16.3 | 239.5 | 167.5 | NA | NA | NA | NA | NA | NA |
| 7/19/2019 | 15.6 | 0.54 | 14.7 | 16.2 | 255.0 | 179.0 | NA | NA | NA | NA | NA | NA |
| 7/20/2019 | 16.9 | 0.38 | 16.2 | 17.4 | 272.0 | 192.0 | NA | NA | NA | NA | NA | NA |
| 7/21/2019 | 17.2 | 0.45 | 15.9 | 17.6 | 289.2 | 205.2 | NA | NA | NA | NA | NA | NA |
| 7/22/2019 | 16.1 | 0.35 | 15.4 | 16.5 | 305.3 | 217.3 | NA | NA | NA | NA | NA | NA |
| 7/23/2019 | 17.3 | 0.30 | 16.7 | 17.6 | 322.6 | 230.6 | NA | NA | NA | NA | NA | NA |
| 7/24/2019 | 17.6 | 0.21 | 17.2 | 17.8 | 340.2 | 244.2 | NA | NA | NA | NA | NA | NA |
| 7/25/2019 | 17.4 | 0.22 | 17.1 | 17.7 | 357.6 | 257.6 | NA | NA | NA | NA | NA | NA |
| 7/26/2019 | 17.3 | 0.36 | 16.7 | 17.8 | 374.9 | 270.9 | NA | NA | NA | NA | NA | NA |
| 7/27/2019 | 17.9 | 0.25 | 17.6 | 18.4 | 392.8 | 284.8 | NA | NA | NA | NA | NA | NA |
| 7/28/2019 | 18.3 | 0.20 | 18.0 | 18.6 | 411.2 | 299.2 | NA | NA | NA | NA | NA | NA |
| 7/29/2019 | 18.5 | 0.82 | 17.3 | 19.9 | 429.7 | 313.7 | NA | NA | NA | NA | NA | NA |
| 7/30/2019 | 16.7 | 0.43 | 16.1 | 17.3 | 446.4 | 326.4 | NA | NA | NA | NA | NA | NA |
| 7/31/2019 | 17.4 | 0.26 | 17.1 | 17.8 | 463.8 | 339.8 | NA | NA | NA | NA | NA | NA |

August

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/1/2019 | 17.7 | 0.45 | 16.9 | 18.5 | 17.7 | 13.7 | NA | NA | NA | NA | NA | NA |
| 8/2/2019 | 17.8 | 0.58 | 17.1 | 18.6 | 35.5 | 27.5 | NA | NA | NA | NA | NA | NA |
| 8/3/2019 | 19.0 | 0.48 | 18.1 | 19.9 | 54.5 | 42.5 | NA | NA | NA | NA | NA | NA |
| 8/4/2019 | 19.7 | 0.39 | 19.1 | 20.4 | 74.3 | 58.3 | NA | NA | NA | NA | NA | NA |
| 8/5/2019 | 19.9 | 0.90 | 18.6 | 21.1 | 94.2 | 74.2 | NA | NA | NA | NA | NA | NA |
| 8/6/2019 | 19.8 | 0.88 | 18.4 | 20.9 | 114.0 | 90.0 | NA | NA | NA | NA | NA | NA |
| 8/7/2019 | 21.3 | 0.29 | 20.7 | 21.6 | 135.3 | 107.3 | NA | NA | NA | NA | NA | NA |
| 8/8/2019 | 21.4 | 0.36 | 20.9 | 21.9 | 156.6 | 124.6 | NA | NA | NA | NA | NA | NA |
| 8/9/2019 | 21.2 | 0.27 | 20.7 | 21.5 | 177.8 | 141.8 | NA | NA | NA | NA | NA | NA |
| 8/10/2019 | 16.6 | 2.20 | 14.7 | 20.8 | 194.4 | 154.4 | NA | NA | NA | NA | NA | NA |
| 8/11/2019 | 16.2 | 0.61 | 15.3 | 17.2 | 210.6 | 166.6 | NA | NA | NA | NA | NA | NA |
| 8/12/2019 | 17.7 | 1.18 | 15.9 | 19.1 | 228.3 | 180.3 | NA | NA | NA | NA | NA | NA |
| 8/13/2019 | 20.0 | 1.05 | 17.6 | 21.3 | 248.3 | 196.3 | NA | NA | NA | NA | NA | NA |
| 8/14/2019 | 20.9 | 0.36 | 20.4 | 21.4 | 269.2 | 213.2 | NA | NA | NA | NA | NA | NA |
| 8/15/2019 | 20.9 | 0.13 | 20.7 | 21.1 | 290.1 | 230.1 | NA | NA | NA | NA | NA | NA |
| 8/16/2019 | 21.0 | 0.15 | 20.7 | 21.2 | 311.1 | 247.1 | NA | NA | NA | NA | NA | NA |
| 8/17/2019 | 21.2 | 0.42 | 20.0 | 21.7 | 332.2 | 264.2 | NA | NA | NA | NA | NA | NA |
| 8/18/2019 | 20.7 | 1.78 | 17.5 | 21.8 | 353.0 | 281.0 | NA | NA | NA | NA | NA | NA |
| 8/19/2019 | 17.9 | 1.97 | 16.6 | 21.7 | 370.9 | 294.9 | NA | NA | NA | NA | NA | NA |
| 8/20/2019 | 16.5 | 0.61 | 15.6 | 18.0 | 387.4 | 307.4 | NA | NA | NA | NA | NA | NA |
| 8/21/2019 | 17.2 | 0.58 | 16.2 | 18.0 | 404.7 | 320.7 | NA | NA | NA | NA | NA | NA |
| 8/22/2019 | 18.6 | 1.96 | 16.0 | 21.8 | 423.2 | 335.2 | NA | NA | NA | NA | NA | NA |
| 8/23/2019 | 17.9 | 1.01 | 16.7 | 19.9 | 441.2 | 349.2 | NA | NA | NA | NA | NA | NA |
| 8/24/2019 | 17.4 | 1.46 | 16.0 | 20.5 | 458.6 | 362.6 | NA | NA | NA | NA | NA | NA |
| 8/25/2019 | 18.6 | 1.21 | 16.4 | 20.2 | 477.1 | 377.1 | NA | NA | NA | NA | NA | NA |
| 8/26/2019 | 19.9 | 0.76 | 18.6 | 20.7 | 497.0 | 393.0 | NA | NA | NA | NA | NA | NA |
| 8/27/2019 | 15.9 | 1.98 | 13.6 | 19.4 | 512.9 | 404.9 | NA | NA | NA | NA | NA | NA |
| 8/28/2019 | 15.9 | 0.38 | 15.1 | 16.4 | 528.8 | 416.8 | NA | NA | NA | NA | NA | NA |
| 8/29/2019 | 18.2 | 1.02 | 16.5 | 19.4 | 546.9 | 430.9 | NA | NA | NA | NA | NA | NA |
| 8/30/2019 | 19.7 | 0.09 | 19.5 | 19.8 | 566.6 | 446.6 | NA | NA | NA | NA | NA | NA |
| 8/31/2019 | 19.1 | 1.07 | 17.1 | 20.0 | 585.8 | 461.8 | NA | NA | NA | NA | NA | NA |

September

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/1/2019 | 17.6 | 0.29 | 17.3 | 18.4 | 17.6 | 13.6 | NA | NA | NA | NA | NA | NA |
| 9/2/2019 | 18.5 | 0.64 | 17.7 | 19.5 | 36.1 | 28.1 | NA | NA | NA | NA | NA | NA |
| 9/3/2019 | 19.3 | 0.26 | 18.5 | 19.5 | 55.5 | 43.5 | NA | NA | NA | NA | NA | NA |
| 9/4/2019 | 18.6 | 0.52 | 17.9 | 19.6 | 74.1 | 58.1 | NA | NA | NA | NA | NA | NA |
| 9/5/2019 | 19.1 | 1.10 | 16.5 | 19.6 | 93.2 | 73.2 | NA | NA | NA | NA | NA | NA |
| 9/6/2019 | 18.4 | 0.75 | 16.9 | 19.2 | 111.6 | 87.6 | NA | NA | NA | NA | NA | NA |
| 9/7/2019 | 17.6 | 2.02 | 13.8 | 19.2 | 129.2 | 101.2 | NA | NA | NA | NA | NA | NA |
| 9/8/2019 | 16.7 | 0.82 | 15.2 | 18.2 | 145.9 | 113.9 | NA | NA | NA | NA | NA | NA |
| 9/9/2019 | 13.9 | 0.52 | 13.1 | 14.6 | 159.9 | 123.9 | NA | NA | NA | NA | NA | NA |
| 9/10/2019 | 15.4 | 0.65 | 13.6 | 15.9 | 175.3 | 135.3 | NA | NA | NA | NA | NA | NA |
| 9/11/2019 | 16.1 | 0.27 | 15.7 | 16.4 | 191.4 | 147.4 | NA | NA | NA | NA | NA | NA |
| 9/12/2019 | 15.1 | 1.04 | 13.6 | 16.4 | 206.5 | 158.5 | NA | NA | NA | NA | NA | NA |
| 9/13/2019 | 14.2 | 0.50 | 13.5 | 14.9 | 220.7 | 168.7 | NA | NA | NA | NA | NA | NA |
| 9/14/2019 | 15.3 | 0.29 | 14.8 | 15.7 | 236.0 | 180.0 | NA | NA | NA | NA | NA | NA |
| 9/15/2019 | 15.9 | 0.08 | 15.8 | 16.0 | 251.9 | 191.9 | NA | NA | NA | NA | NA | NA |
| 9/16/2019 | 15.9 | 0.10 | 15.8 | 16.0 | 267.9 | 203.9 | NA | NA | NA | NA | NA | NA |
| 9/17/2019 | 15.3 | 0.66 | 14.1 | 15.8 | 283.1 | 215.1 | NA | NA | NA | NA | NA | NA |
| 9/18/2019 | 15.0 | 0.41 | 14.2 | 15.3 | 298.1 | 226.1 | NA | NA | NA | NA | NA | NA |
| 9/19/2019 | 15.0 | 0.03 | 15.0 | 15.1 | 313.2 | 237.2 | NA | NA | NA | NA | NA | NA |
| 9/20/2019 | 15.1 | 0.04 | 15.0 | 15.1 | 328.2 | 248.2 | NA | NA | NA | NA | NA | NA |
| 9/21/2019 | 15.1 | 0.14 | 14.9 | 15.4 | 343.4 | 259.4 | NA | NA | NA | NA | NA | NA |
| 9/22/2019 | 14.9 | 0.02 | 14.9 | 14.9 | 358.3 | 270.3 | NA | NA | NA | NA | NA | NA |
| 9/23/2019 | 15.2 | 0.17 | 14.9 | 15.4 | 373.5 | 281.5 | NA | NA | NA | NA | NA | NA |
| 9/24/2019 | 15.4 | 0.02 | 15.3 | 15.4 | 388.8 | 292.8 | NA | NA | NA | NA | NA | NA |
| 9/25/2019 | 15.5 | 0.07 | 15.4 | 15.6 | 404.3 | 304.3 | NA | NA | NA | NA | NA | NA |
| 9/26/2019 | 15.5 | 0.11 | 15.3 | 15.6 | 419.8 | 315.8 | NA | NA | NA | NA | NA | NA |
| 9/27/2019 | 15.5 | 0.13 | 15.3 | 15.6 | 435.2 | 327.2 | NA | NA | NA | NA | NA | NA |
| 9/28/2019 | 15.4 | 0.03 | 15.4 | 15.5 | 450.7 | 338.7 | NA | NA | NA | NA | NA | NA |
| 9/29/2019 | 15.6 | 0.04 | 15.5 | 15.6 | 466.2 | 350.2 | NA | NA | NA | NA | NA | NA |
| 9/30/2019 | 15.3 | 0.10 | 15.1 | 15.4 | 481.5 | 361.5 | NA | NA | NA | NA | NA | NA |

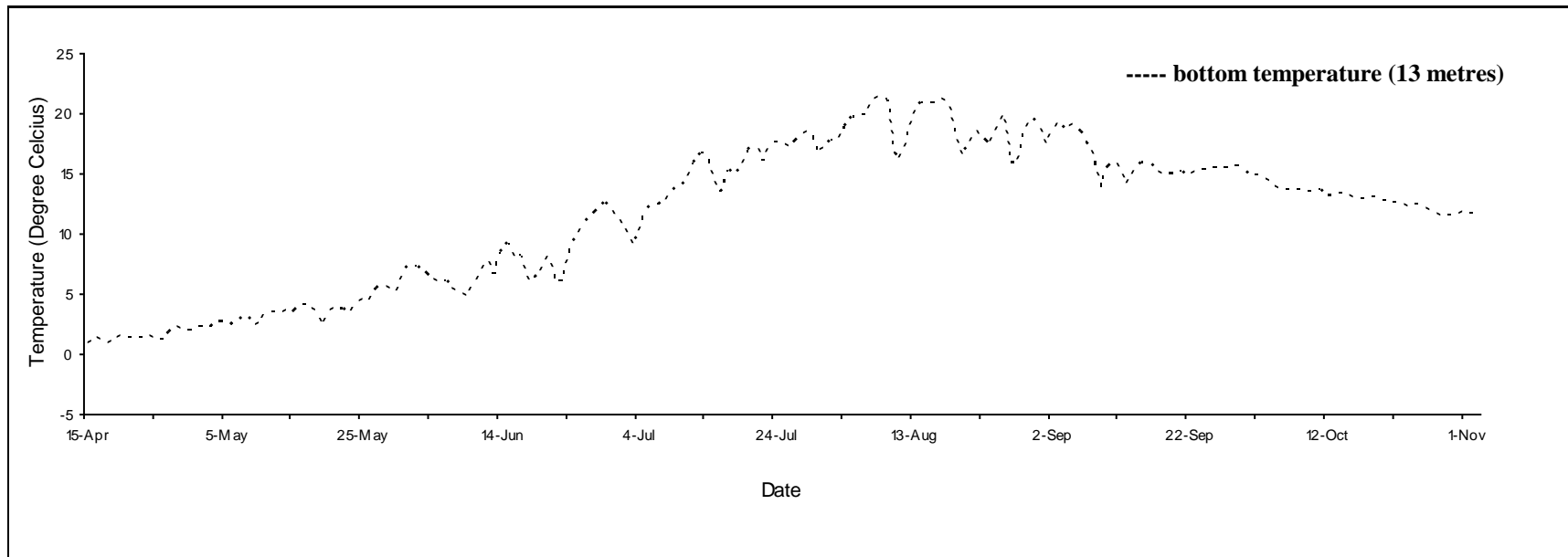
October

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/1/2019 | 14.9 | 0.06 | 14.8 | 15.0 | 14.9 | 10.9 | NA | NA | NA | NA | NA | NA |
| 10/2/2019 | 14.9 | 0.05 | 14.8 | 14.9 | 29.8 | 21.8 | NA | NA | NA | NA | NA | NA |
| 10/3/2019 | 14.5 | 0.14 | 14.3 | 14.7 | 44.3 | 32.3 | NA | NA | NA | NA | NA | NA |
| 10/4/2019 | 14.1 | 0.09 | 14.0 | 14.3 | 58.4 | 42.4 | NA | NA | NA | NA | NA | NA |
| 10/5/2019 | 13.7 | 0.18 | 13.6 | 14.0 | 72.1 | 52.1 | NA | NA | NA | NA | NA | NA |
| 10/6/2019 | 13.7 | 0.06 | 13.6 | 13.8 | 85.8 | 61.8 | NA | NA | NA | NA | NA | NA |
| 10/7/2019 | 13.7 | 0.06 | 13.6 | 13.8 | 99.5 | 71.5 | NA | NA | NA | NA | NA | NA |
| 10/8/2019 | 13.6 | 0.11 | 13.5 | 13.8 | 113.1 | 81.1 | NA | NA | NA | NA | NA | NA |
| 10/9/2019 | 13.5 | 0.06 | 13.4 | 13.6 | 126.6 | 90.6 | NA | NA | NA | NA | NA | NA |
| 10/10/2019 | 13.6 | 0.04 | 13.5 | 13.6 | 140.2 | 100.2 | NA | NA | NA | NA | NA | NA |
| 10/11/2019 | 13.7 | 0.05 | 13.6 | 13.7 | 153.8 | 109.8 | NA | NA | NA | NA | NA | NA |
| 10/12/2019 | 13.2 | 0.27 | 12.8 | 13.6 | 167.0 | 119.0 | NA | NA | NA | NA | NA | NA |
| 10/13/2019 | 13.1 | 0.23 | 12.8 | 13.3 | 180.1 | 128.1 | NA | NA | NA | NA | NA | NA |
| 10/14/2019 | 13.3 | 0.09 | 13.1 | 13.4 | 193.4 | 137.4 | NA | NA | NA | NA | NA | NA |
| 10/15/2019 | 13.1 | 0.09 | 13.0 | 13.3 | 206.5 | 146.5 | NA | NA | NA | NA | NA | NA |
| 10/16/2019 | 13.0 | 0.03 | 13.0 | 13.1 | 219.6 | 155.6 | NA | NA | NA | NA | NA | NA |
| 10/17/2019 | 12.9 | 0.11 | 12.7 | 13.0 | 232.5 | 164.5 | NA | NA | NA | NA | NA | NA |
| 10/18/2019 | 13.1 | 0.07 | 12.9 | 13.1 | 245.5 | 173.5 | NA | NA | NA | NA | NA | NA |
| 10/19/2019 | 13.0 | 0.06 | 12.9 | 13.1 | 258.5 | 182.5 | NA | NA | NA | NA | NA | NA |
| 10/20/2019 | 12.8 | 0.09 | 12.7 | 12.9 | 271.3 | 191.3 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/21/2019 | 12.7 | 0.02 | 12.6 | 12.7 | 284.0 | 200.0 | NA | NA | NA | NA | NA | NA |
| 10/22/2019 | 12.6 | 0.03 | 12.5 | 12.6 | 296.6 | 208.6 | NA | NA | NA | NA | NA | NA |
| 10/23/2019 | 12.4 | 0.07 | 12.3 | 12.6 | 309.0 | 217.0 | NA | NA | NA | NA | NA | NA |
| 10/24/2019 | 12.3 | 0.06 | 12.2 | 12.4 | 321.3 | 225.3 | NA | NA | NA | NA | NA | NA |
| 10/25/2019 | 12.4 | 0.04 | 12.3 | 12.4 | 333.7 | 233.7 | NA | NA | NA | NA | NA | NA |
| 10/26/2019 | 12.3 | 0.07 | 12.2 | 12.4 | 346.0 | 242.0 | NA | NA | NA | NA | NA | NA |
| 10/27/2019 | 11.9 | 0.09 | 11.8 | 12.1 | 357.9 | 249.9 | NA | NA | NA | NA | NA | NA |
| 10/28/2019 | 11.7 | 0.05 | 11.6 | 11.8 | 369.5 | 257.5 | NA | NA | NA | NA | NA | NA |
| 10/29/2019 | 11.5 | 0.07 | 11.4 | 11.6 | 381.0 | 265.0 | NA | NA | NA | NA | NA | NA |
| 10/30/2019 | 11.5 | 0.06 | 11.4 | 11.6 | 392.5 | 272.5 | NA | NA | NA | NA | NA | NA |
| 10/31/2019 | 11.6 | 0.04 | 11.6 | 11.7 | 404.2 | 280.2 | NA | NA | NA | NA | NA | NA |

November

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 11/1/2019 | 11.7 | 0.08 | 11.7 | 11.9 | 11.7 | 7.7 | NA | NA | NA | NA | NA | NA |
| 11/2/2019 | 11.7 | 0.05 | 11.6 | 11.8 | 23.4 | 15.4 | NA | NA | NA | NA | NA | NA |
| 11/3/2019 | 11.5 | 0.06 | 11.4 | 11.6 | 34.9 | 22.9 | NA | NA | NA | NA | NA | NA |



Daily mean temperature for Judique Shoals, N.S., 2019.

Le Goulet, N.B.

2019

May

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 5/15/2019 | 4.1 | 0.65 | 3.2 | 5.4 | 4.1 | 0.1 | NA | NA | NA | NA | NA | NA |
| 5/16/2019 | 5.2 | 2.11 | 3.0 | 8.9 | 9.3 | 1.3 | NA | NA | NA | NA | NA | NA |
| 5/17/2019 | 4.1 | 0.85 | 3.5 | 6.3 | 13.4 | 1.4 | NA | NA | NA | NA | NA | NA |
| 5/18/2019 | 4.4 | 0.89 | 3.5 | 5.4 | 17.8 | 1.8 | NA | NA | NA | NA | NA | NA |
| 5/19/2019 | 3.9 | 0.48 | 3.6 | 5.0 | 21.7 | 1.8 | NA | NA | NA | NA | NA | NA |
| 5/20/2019 | 4.8 | 1.03 | 3.7 | 6.3 | 26.5 | 2.6 | NA | NA | NA | NA | NA | NA |
| 5/21/2019 | 5.1 | 0.23 | 4.8 | 5.6 | 31.5 | 3.6 | NA | NA | NA | NA | NA | NA |
| 5/22/2019 | 4.9 | 0.10 | 4.8 | 5.1 | 36.5 | 4.6 | NA | NA | NA | NA | NA | NA |
| 5/23/2019 | 4.9 | 0.08 | 4.8 | 5.1 | 41.4 | 5.5 | NA | NA | NA | NA | NA | NA |
| 5/24/2019 | 5.0 | 0.15 | 4.8 | 5.2 | 46.4 | 6.5 | NA | NA | NA | NA | NA | NA |
| 5/25/2019 | 5.1 | 0.09 | 5.0 | 5.3 | 51.5 | 7.6 | NA | NA | NA | NA | NA | NA |
| 5/26/2019 | 5.5 | 0.29 | 5.1 | 5.8 | 57.0 | 9.1 | NA | NA | NA | NA | NA | NA |
| 5/27/2019 | 5.4 | 0.31 | 5.0 | 5.9 | 62.4 | 10.5 | NA | NA | NA | NA | NA | NA |
| 5/28/2019 | 5.1 | 0.23 | 4.9 | 5.6 | 67.5 | 11.6 | NA | NA | NA | NA | NA | NA |
| 5/29/2019 | 6.4 | 0.35 | 5.8 | 6.9 | 73.9 | 14.0 | NA | NA | NA | NA | NA | NA |
| 5/30/2019 | 7.3 | 0.21 | 7.0 | 7.7 | 81.2 | 17.3 | NA | NA | NA | NA | NA | NA |
| 5/31/2019 | 7.5 | 0.45 | 6.6 | 7.9 | 88.7 | 20.8 | NA | NA | NA | NA | NA | NA |

June

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/1/2019 | 6.6 | 0.14 | 6.4 | 6.9 | 6.6 | 2.6 | NA | NA | NA | NA | NA | NA |
| 6/2/2019 | 7.4 | 0.21 | 7.0 | 7.8 | 13.9 | 5.9 | NA | NA | NA | NA | NA | NA |
| 6/3/2019 | 8.1 | 0.23 | 7.8 | 8.7 | 22.0 | 10.0 | NA | NA | NA | NA | NA | NA |
| 6/4/2019 | 7.7 | 0.49 | 6.9 | 8.1 | 29.7 | 13.7 | NA | NA | NA | NA | NA | NA |
| 6/5/2019 | 6.3 | 0.35 | 5.9 | 6.8 | 36.0 | 16.0 | NA | NA | NA | NA | NA | NA |
| 6/6/2019 | 7.2 | 0.11 | 6.9 | 7.3 | 43.2 | 19.2 | NA | NA | NA | NA | NA | NA |
| 6/7/2019 | 7.5 | 0.38 | 7.2 | 8.3 | 50.7 | 22.7 | NA | NA | NA | NA | NA | NA |
| 6/8/2019 | 8.2 | 0.07 | 8.1 | 8.3 | 58.9 | 26.9 | NA | NA | NA | NA | NA | NA |
| 6/9/2019 | 8.5 | 0.22 | 8.1 | 8.8 | 67.4 | 31.4 | NA | NA | NA | NA | NA | NA |
| 6/10/2019 | 9.3 | 0.31 | 8.9 | 9.9 | 76.7 | 36.7 | NA | NA | NA | NA | NA | NA |
| 6/11/2019 | 10.2 | 0.18 | 9.9 | 10.5 | 86.9 | 42.9 | NA | NA | NA | NA | NA | NA |
| 6/12/2019 | 9.3 | 0.50 | 8.6 | 10.0 | 96.3 | 48.3 | NA | NA | NA | NA | NA | NA |
| 6/13/2019 | 8.3 | 0.17 | 8.1 | 8.7 | 104.6 | 52.6 | NA | NA | NA | NA | NA | NA |
| 6/14/2019 | 9.8 | 0.68 | 8.8 | 10.6 | 114.4 | 58.4 | NA | NA | NA | NA | NA | NA |
| 6/15/2019 | 9.7 | 0.43 | 9.1 | 10.4 | 124.1 | 64.1 | NA | NA | NA | NA | NA | NA |
| 6/16/2019 | 9.1 | 0.25 | 8.8 | 9.5 | 133.2 | 69.2 | NA | NA | NA | NA | NA | NA |
| 6/17/2019 | 9.2 | 0.25 | 8.9 | 9.8 | 142.4 | 74.4 | NA | NA | NA | NA | NA | NA |
| 6/18/2019 | 10.1 | 0.13 | 9.8 | 10.2 | 152.5 | 80.5 | NA | NA | NA | NA | NA | NA |
| 6/19/2019 | 9.7 | 0.43 | 9.2 | 10.3 | 162.2 | 86.2 | NA | NA | NA | NA | NA | NA |
| 6/20/2019 | 9.6 | 0.20 | 9.3 | 9.9 | 171.8 | 91.8 | NA | NA | NA | NA | NA | NA |
| 6/21/2019 | 9.4 | 0.41 | 8.9 | 10.3 | 181.2 | 97.2 | NA | NA | NA | NA | NA | NA |
| 6/22/2019 | 10.4 | 0.11 | 10.3 | 10.6 | 191.6 | 103.6 | NA | NA | NA | NA | NA | NA |
| 6/23/2019 | 10.6 | 0.50 | 9.6 | 11.0 | 202.2 | 110.2 | NA | NA | NA | NA | NA | NA |
| 6/24/2019 | 10.2 | 0.27 | 9.6 | 10.5 | 212.4 | 116.4 | NA | NA | NA | NA | NA | NA |
| 6/25/2019 | 10.9 | 0.22 | 10.6 | 11.4 | 223.3 | 123.3 | NA | NA | NA | NA | NA | NA |
| 6/26/2019 | 11.0 | 0.47 | 10.4 | 11.6 | 234.3 | 130.3 | NA | NA | NA | NA | NA | NA |
| 6/27/2019 | 9.8 | 0.34 | 9.3 | 10.3 | 244.1 | 136.1 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/28/2019 | 9.0 | 0.10 | 8.9 | 9.2 | 253.1 | 141.1 | NA | NA | NA | NA | NA | NA |
| 6/29/2019 | 9.4 | 0.44 | 8.9 | 10.3 | 262.5 | 146.5 | NA | NA | NA | NA | NA | NA |
| 6/30/2019 | 11.4 | 0.58 | 10.5 | 12.2 | 273.9 | 153.9 | NA | NA | NA | NA | NA | NA |

July

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/1/2019 | 12.6 | 0.11 | 12.4 | 12.7 | 12.6 | 8.6 | NA | NA | NA | NA | NA | NA |
| 7/2/2019 | 12.6 | 0.08 | 12.5 | 12.7 | 25.1 | 17.1 | NA | NA | NA | NA | NA | NA |
| 7/3/2019 | 12.8 | 0.06 | 12.7 | 12.9 | 38.0 | 26.0 | NA | NA | NA | NA | NA | NA |
| 7/4/2019 | 12.1 | 0.44 | 11.6 | 12.8 | 50.1 | 34.1 | NA | NA | NA | NA | NA | NA |
| 7/5/2019 | 12.1 | 0.05 | 11.9 | 12.1 | 62.2 | 42.2 | NA | NA | NA | NA | NA | NA |
| 7/6/2019 | 12.0 | 0.20 | 11.6 | 12.2 | 74.1 | 50.1 | NA | NA | NA | NA | NA | NA |
| 7/7/2019 | 11.3 | 0.14 | 11.1 | 11.6 | 85.5 | 57.5 | NA | NA | NA | NA | NA | NA |
| 7/8/2019 | 11.3 | 0.12 | 11.2 | 11.5 | 96.8 | 64.8 | NA | NA | NA | NA | NA | NA |
| 7/9/2019 | 11.7 | 0.13 | 11.5 | 11.9 | 108.5 | 72.5 | NA | NA | NA | NA | NA | NA |
| 7/10/2019 | 12.7 | 0.46 | 12.0 | 13.4 | 121.2 | 81.2 | NA | NA | NA | NA | NA | NA |
| 7/11/2019 | 13.7 | 0.24 | 13.4 | 14.2 | 134.9 | 90.9 | NA | NA | NA | NA | NA | NA |
| 7/12/2019 | 14.4 | 0.06 | 14.3 | 14.5 | 149.3 | 101.3 | NA | NA | NA | NA | NA | NA |
| 7/13/2019 | 13.7 | 0.59 | 12.9 | 14.5 | 163.1 | 111.1 | NA | NA | NA | NA | NA | NA |
| 7/14/2019 | 12.4 | 0.12 | 12.2 | 12.7 | 175.4 | 119.4 | NA | NA | NA | NA | NA | NA |
| 7/15/2019 | 12.2 | 0.06 | 12.1 | 12.3 | 187.6 | 127.6 | NA | NA | NA | NA | NA | NA |
| 7/16/2019 | 12.6 | 0.19 | 12.3 | 12.9 | 200.1 | 136.1 | NA | NA | NA | NA | NA | NA |
| 7/17/2019 | 12.8 | 0.18 | 12.4 | 13.0 | 212.9 | 144.9 | NA | NA | NA | NA | NA | NA |
| 7/18/2019 | 12.0 | 0.24 | 11.8 | 12.4 | 224.9 | 152.9 | NA | NA | NA | NA | NA | NA |
| 7/19/2019 | 12.7 | 0.64 | 11.8 | 13.7 | 237.6 | 161.6 | NA | NA | NA | NA | NA | NA |
| 7/20/2019 | 14.2 | 0.14 | 13.9 | 14.4 | 251.8 | 171.8 | NA | NA | NA | NA | NA | NA |
| 7/21/2019 | 14.4 | 0.18 | 14.2 | 14.7 | 266.2 | 182.2 | NA | NA | NA | NA | NA | NA |
| 7/22/2019 | 14.4 | 0.35 | 13.8 | 14.8 | 280.6 | 192.6 | NA | NA | NA | NA | NA | NA |
| 7/23/2019 | 14.1 | 0.38 | 13.7 | 14.8 | 294.7 | 202.7 | NA | NA | NA | NA | NA | NA |
| 7/24/2019 | 15.1 | 0.08 | 14.9 | 15.2 | 309.8 | 213.8 | NA | NA | NA | NA | NA | NA |
| 7/25/2019 | 15.1 | 0.10 | 15.1 | 15.4 | 324.9 | 224.9 | NA | NA | NA | NA | NA | NA |
| 7/26/2019 | 15.2 | 0.19 | 14.9 | 15.5 | 340.1 | 236.1 | NA | NA | NA | NA | NA | NA |
| 7/27/2019 | 15.3 | 0.16 | 15.1 | 15.6 | 355.5 | 247.5 | NA | NA | NA | NA | NA | NA |
| 7/28/2019 | 14.9 | 0.23 | 14.6 | 15.2 | 370.3 | 258.3 | NA | NA | NA | NA | NA | NA |
| 7/29/2019 | 13.9 | 0.30 | 13.6 | 14.4 | 384.3 | 268.3 | NA | NA | NA | NA | NA | NA |
| 7/30/2019 | 14.5 | 0.37 | 13.9 | 15.1 | 398.7 | 278.7 | NA | NA | NA | NA | NA | NA |
| 7/31/2019 | 15.2 | 0.10 | 15.0 | 15.3 | 413.9 | 289.9 | NA | NA | NA | NA | NA | NA |

August

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/1/2019 | 14.8 | 0.17 | 14.4 | 15.0 | 14.8 | 10.8 | NA | NA | NA | NA | NA | NA |
| 8/2/2019 | 14.5 | 0.12 | 14.3 | 14.7 | 29.2 | 21.2 | NA | NA | NA | NA | NA | NA |
| 8/3/2019 | 14.6 | 0.32 | 14.3 | 15.1 | 43.9 | 31.9 | NA | NA | NA | NA | NA | NA |
| 8/4/2019 | 15.4 | 0.25 | 14.9 | 15.7 | 59.3 | 43.3 | NA | NA | NA | NA | NA | NA |
| 8/5/2019 | 14.4 | 0.22 | 14.1 | 14.7 | 73.7 | 53.7 | NA | NA | NA | NA | NA | NA |
| 8/6/2019 | 14.5 | 0.27 | 14.1 | 14.9 | 88.2 | 64.2 | NA | NA | NA | NA | NA | NA |
| 8/7/2019 | 15.2 | 0.17 | 14.9 | 15.5 | 103.4 | 75.4 | NA | NA | NA | NA | NA | NA |
| 8/8/2019 | 15.0 | 0.16 | 14.8 | 15.3 | 118.5 | 86.5 | NA | NA | NA | NA | NA | NA |
| 8/9/2019 | 15.1 | 0.09 | 15.0 | 15.3 | 133.6 | 97.6 | NA | NA | NA | NA | NA | NA |
| 8/10/2019 | 14.9 | 0.09 | 14.8 | 15.0 | 148.5 | 108.5 | NA | NA | NA | NA | NA | NA |

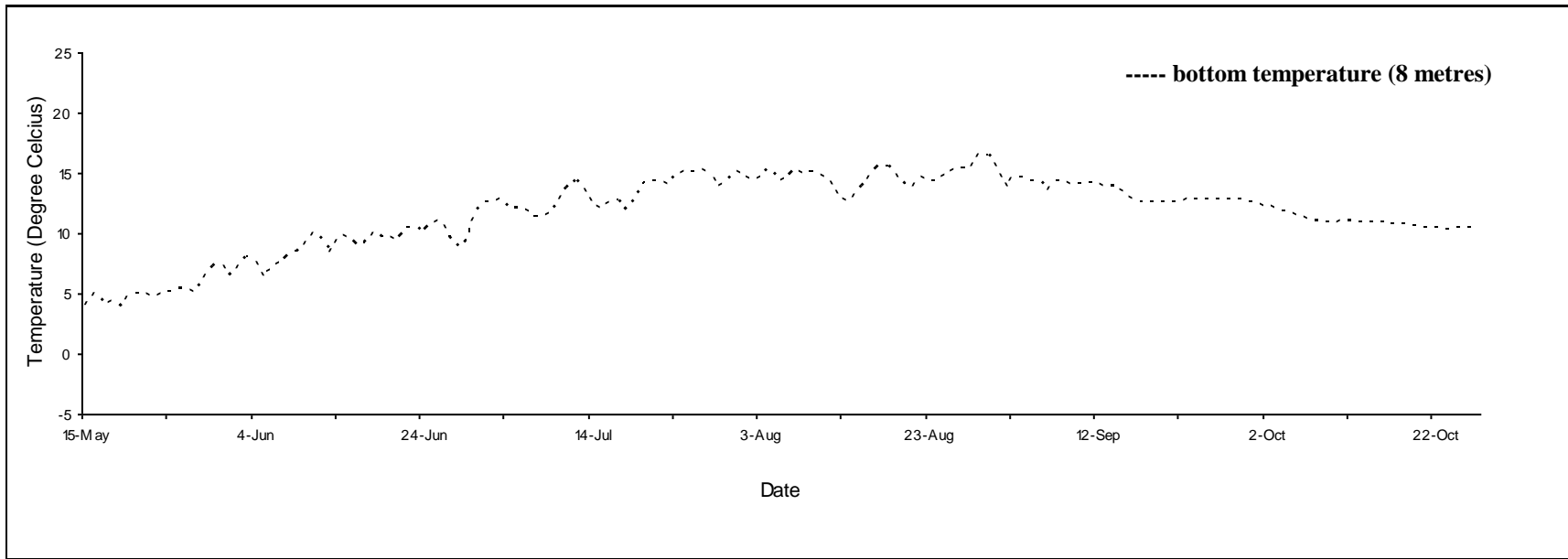
| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/11/2019 | 14.6 | 0.35 | 14.0 | 14.9 | 163.2 | 119.2 | NA | NA | NA | NA | NA | NA |
| 8/12/2019 | 13.3 | 0.39 | 12.7 | 13.9 | 176.4 | 128.4 | NA | NA | NA | NA | NA | NA |
| 8/13/2019 | 12.7 | 0.12 | 12.6 | 12.9 | 189.1 | 137.1 | NA | NA | NA | NA | NA | NA |
| 8/14/2019 | 13.1 | 0.17 | 12.9 | 13.4 | 202.2 | 146.2 | NA | NA | NA | NA | NA | NA |
| 8/15/2019 | 13.9 | 0.29 | 13.5 | 14.4 | 216.1 | 156.1 | NA | NA | NA | NA | NA | NA |
| 8/16/2019 | 15.0 | 0.34 | 14.4 | 15.4 | 231.1 | 167.1 | NA | NA | NA | NA | NA | NA |
| 8/17/2019 | 15.7 | 0.14 | 15.4 | 15.9 | 246.7 | 178.7 | NA | NA | NA | NA | NA | NA |
| 8/18/2019 | 15.6 | 0.23 | 15.2 | 15.9 | 262.3 | 190.3 | NA | NA | NA | NA | NA | NA |
| 8/19/2019 | 15.0 | 0.12 | 14.9 | 15.2 | 277.3 | 201.3 | NA | NA | NA | NA | NA | NA |
| 8/20/2019 | 14.0 | 0.65 | 13.2 | 14.9 | 291.4 | 211.4 | NA | NA | NA | NA | NA | NA |
| 8/21/2019 | 13.9 | 0.46 | 13.3 | 14.8 | 305.2 | 221.2 | NA | NA | NA | NA | NA | NA |
| 8/22/2019 | 14.7 | 0.23 | 14.4 | 15.1 | 320.0 | 232.0 | NA | NA | NA | NA | NA | NA |
| 8/23/2019 | 14.3 | 0.16 | 14.2 | 14.6 | 334.3 | 242.3 | NA | NA | NA | NA | NA | NA |
| 8/24/2019 | 14.4 | 0.14 | 14.2 | 14.7 | 348.7 | 252.7 | NA | NA | NA | NA | NA | NA |
| 8/25/2019 | 15.2 | 0.16 | 14.9 | 15.5 | 363.9 | 263.9 | NA | NA | NA | NA | NA | NA |
| 8/26/2019 | 15.3 | 0.09 | 15.2 | 15.5 | 379.2 | 275.2 | NA | NA | NA | NA | NA | NA |
| 8/27/2019 | 15.4 | 0.09 | 15.2 | 15.5 | 394.6 | 286.6 | NA | NA | NA | NA | NA | NA |
| 8/28/2019 | 15.7 | 0.25 | 15.4 | 16.3 | 410.3 | 298.3 | NA | NA | NA | NA | NA | NA |
| 8/29/2019 | 16.8 | 0.34 | 16.4 | 17.3 | 427.1 | 311.1 | NA | NA | NA | NA | NA | NA |
| 8/30/2019 | 16.5 | 0.40 | 16.0 | 17.3 | 443.7 | 323.7 | NA | NA | NA | NA | NA | NA |
| 8/31/2019 | 15.2 | 0.57 | 14.1 | 16.0 | 458.9 | 334.9 | NA | NA | NA | NA | NA | NA |

September

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/1/2019 | 14.0 | 0.17 | 13.8 | 14.3 | 14.0 | 10.0 | NA | NA | NA | NA | NA | NA |
| 9/2/2019 | 14.9 | 0.22 | 14.4 | 15.1 | 28.9 | 20.9 | NA | NA | NA | NA | NA | NA |
| 9/3/2019 | 14.7 | 0.34 | 14.2 | 15.2 | 43.7 | 31.7 | NA | NA | NA | NA | NA | NA |
| 9/4/2019 | 14.5 | 0.34 | 14.1 | 15.1 | 58.1 | 42.1 | NA | NA | NA | NA | NA | NA |
| 9/5/2019 | 14.4 | 0.67 | 13.5 | 15.2 | 72.5 | 52.5 | NA | NA | NA | NA | NA | NA |
| 9/6/2019 | 13.6 | 0.08 | 13.4 | 13.7 | 86.1 | 62.1 | NA | NA | NA | NA | NA | NA |
| 9/7/2019 | 14.3 | 0.45 | 13.8 | 15.0 | 100.4 | 72.4 | NA | NA | NA | NA | NA | NA |
| 9/8/2019 | 14.4 | 0.27 | 14.0 | 14.8 | 114.8 | 82.8 | NA | NA | NA | NA | NA | NA |
| 9/9/2019 | 13.9 | 0.06 | 13.9 | 14.1 | 128.8 | 92.8 | NA | NA | NA | NA | NA | NA |
| 9/10/2019 | 14.2 | 0.10 | 14.0 | 14.3 | 142.9 | 102.9 | NA | NA | NA | NA | NA | NA |
| 9/11/2019 | 14.3 | 0.05 | 14.2 | 14.4 | 157.2 | 113.2 | NA | NA | NA | NA | NA | NA |
| 9/12/2019 | 14.1 | 0.07 | 14.1 | 14.2 | 171.3 | 123.3 | NA | NA | NA | NA | NA | NA |
| 9/13/2019 | 14.0 | 0.03 | 14.0 | 14.1 | 185.3 | 133.3 | NA | NA | NA | NA | NA | NA |
| 9/14/2019 | 13.9 | 0.04 | 13.8 | 14.0 | 199.3 | 143.3 | NA | NA | NA | NA | NA | NA |
| 9/15/2019 | 13.4 | 0.22 | 13.1 | 13.9 | 212.7 | 152.7 | NA | NA | NA | NA | NA | NA |
| 9/16/2019 | 12.9 | 0.15 | 12.6 | 13.1 | 225.6 | 161.6 | NA | NA | NA | NA | NA | NA |
| 9/17/2019 | 12.6 | 0.01 | 12.6 | 12.6 | 238.2 | 170.2 | NA | NA | NA | NA | NA | NA |
| 9/18/2019 | 12.6 | 0.02 | 12.6 | 12.6 | 250.8 | 178.8 | NA | NA | NA | NA | NA | NA |
| 9/19/2019 | 12.6 | 0.02 | 12.6 | 12.6 | 263.4 | 187.4 | NA | NA | NA | NA | NA | NA |
| 9/20/2019 | 12.5 | 0.02 | 12.5 | 12.6 | 275.9 | 195.9 | NA | NA | NA | NA | NA | NA |
| 9/21/2019 | 12.6 | 0.07 | 12.5 | 12.7 | 288.5 | 204.5 | NA | NA | NA | NA | NA | NA |
| 9/22/2019 | 12.8 | 0.06 | 12.7 | 12.9 | 301.3 | 213.3 | NA | NA | NA | NA | NA | NA |
| 9/23/2019 | 12.8 | 0.10 | 12.7 | 13.0 | 314.1 | 222.1 | NA | NA | NA | NA | NA | NA |
| 9/24/2019 | 12.8 | 0.25 | 12.6 | 13.3 | 327.0 | 231.0 | NA | NA | NA | NA | NA | NA |
| 9/25/2019 | 12.8 | 0.18 | 12.6 | 13.3 | 339.8 | 239.8 | NA | NA | NA | NA | NA | NA |
| 9/26/2019 | 12.8 | 0.06 | 12.8 | 12.9 | 352.7 | 248.7 | NA | NA | NA | NA | NA | NA |
| 9/27/2019 | 12.9 | 0.01 | 12.9 | 12.9 | 365.6 | 257.6 | NA | NA | NA | NA | NA | NA |
| 9/28/2019 | 12.9 | 0.01 | 12.9 | 12.9 | 378.5 | 266.5 | NA | NA | NA | NA | NA | NA |
| 9/29/2019 | 12.9 | 0.04 | 12.8 | 12.9 | 391.4 | 275.4 | NA | NA | NA | NA | NA | NA |
| 9/30/2019 | 12.6 | 0.09 | 12.5 | 12.8 | 404.0 | 284.0 | NA | NA | NA | NA | NA | NA |

October

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/1/2019 | 12.4 | 0.05 | 12.3 | 12.5 | 12.4 | 8.4 | NA | NA | NA | NA | NA | NA |
| 10/2/2019 | 12.3 | 0.05 | 12.2 | 12.3 | 24.6 | 16.6 | NA | NA | NA | NA | NA | NA |
| 10/3/2019 | 12.1 | 0.08 | 11.9 | 12.2 | 36.7 | 24.7 | NA | NA | NA | NA | NA | NA |
| 10/4/2019 | 11.9 | 0.03 | 11.8 | 11.9 | 48.6 | 32.6 | NA | NA | NA | NA | NA | NA |
| 10/5/2019 | 11.7 | 0.08 | 11.5 | 11.8 | 60.2 | 40.2 | NA | NA | NA | NA | NA | NA |
| 10/6/2019 | 11.4 | 0.05 | 11.4 | 11.5 | 71.7 | 47.7 | NA | NA | NA | NA | NA | NA |
| 10/7/2019 | 11.2 | 0.08 | 11.1 | 11.4 | 82.9 | 54.9 | NA | NA | NA | NA | NA | NA |
| 10/8/2019 | 11.1 | 0.03 | 11.0 | 11.1 | 94.0 | 62.0 | NA | NA | NA | NA | NA | NA |
| 10/9/2019 | 11.0 | 0.03 | 10.9 | 11.0 | 104.9 | 68.9 | NA | NA | NA | NA | NA | NA |
| 10/10/2019 | 11.0 | 0.01 | 11.0 | 11.0 | 115.9 | 75.9 | NA | NA | NA | NA | NA | NA |
| 10/11/2019 | 11.0 | 0.03 | 11.0 | 11.1 | 126.9 | 82.9 | NA | NA | NA | NA | NA | NA |
| 10/12/2019 | 11.0 | 0.03 | 11.0 | 11.1 | 138.0 | 90.0 | NA | NA | NA | NA | NA | NA |
| 10/13/2019 | 10.9 | 0.02 | 10.9 | 10.9 | 148.9 | 96.9 | NA | NA | NA | NA | NA | NA |
| 10/14/2019 | 10.9 | 0.00 | 10.9 | 10.9 | 159.7 | 103.7 | NA | NA | NA | NA | NA | NA |
| 10/15/2019 | 10.9 | 0.03 | 10.9 | 11.0 | 170.7 | 110.7 | NA | NA | NA | NA | NA | NA |
| 10/16/2019 | 10.9 | 0.03 | 10.8 | 10.9 | 181.6 | 117.6 | NA | NA | NA | NA | NA | NA |
| 10/17/2019 | 10.8 | 0.07 | 10.7 | 10.8 | 192.4 | 124.4 | NA | NA | NA | NA | NA | NA |
| 10/18/2019 | 10.7 | 0.03 | 10.7 | 10.8 | 203.0 | 131.0 | NA | NA | NA | NA | NA | NA |
| 10/19/2019 | 10.7 | 0.05 | 10.6 | 10.8 | 213.7 | 137.7 | NA | NA | NA | NA | NA | NA |
| 10/20/2019 | 10.6 | 0.02 | 10.5 | 10.6 | 224.3 | 144.3 | NA | NA | NA | NA | NA | NA |
| 10/21/2019 | 10.5 | 0.05 | 10.4 | 10.5 | 234.7 | 150.7 | NA | NA | NA | NA | NA | NA |
| 10/22/2019 | 10.4 | 0.02 | 10.4 | 10.5 | 245.2 | 157.2 | NA | NA | NA | NA | NA | NA |
| 10/23/2019 | 10.4 | 0.11 | 10.2 | 10.5 | 255.5 | 163.5 | NA | NA | NA | NA | NA | NA |
| 10/24/2019 | 10.3 | 0.09 | 10.2 | 10.5 | 265.9 | 169.9 | NA | NA | NA | NA | NA | NA |
| 10/25/2019 | 10.5 | 0.01 | 10.4 | 10.5 | 276.3 | 176.3 | NA | NA | NA | NA | NA | NA |
| 10/26/2019 | 10.4 | 0.01 | 10.4 | 10.4 | 286.8 | 182.8 | NA | NA | NA | NA | NA | NA |
| 10/27/2019 | 10.3 | 0.05 | 10.2 | 10.4 | 297.1 | 189.1 | NA | NA | NA | NA | NA | NA |



Daily mean temperature for Le Goulet, N.B., 2019.

Mabou Harbour, N.S.

2019

July

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/22/2019 | 17.2 | 2.78 | 15.1 | 25.4 | 17.2 | 13.2 | NA | NA | NA | NA | NA | NA |
| 7/23/2019 | 15.9 | 0.48 | 14.9 | 16.6 | 33.2 | 25.2 | NA | NA | NA | NA | NA | NA |
| 7/24/2019 | 16.2 | 0.52 | 15.0 | 16.8 | 49.3 | 37.3 | NA | NA | NA | NA | NA | NA |
| 7/25/2019 | 17.2 | 0.62 | 15.8 | 18.3 | 66.5 | 50.5 | NA | NA | NA | NA | NA | NA |
| 7/26/2019 | 16.4 | 0.56 | 15.4 | 17.3 | 82.9 | 62.9 | NA | NA | NA | NA | NA | NA |
| 7/27/2019 | 17.5 | 1.09 | 15.9 | 18.8 | 100.4 | 76.4 | NA | NA | NA | NA | NA | NA |
| 7/28/2019 | 19.4 | 0.61 | 18.4 | 20.0 | 119.7 | 91.7 | NA | NA | NA | NA | NA | NA |
| 7/29/2019 | 20.0 | 0.54 | 19.1 | 20.6 | 139.8 | 107.8 | NA | NA | NA | NA | NA | NA |
| 7/30/2019 | 20.6 | 0.21 | 20.2 | 20.9 | 160.4 | 124.4 | NA | NA | NA | NA | NA | NA |
| 7/31/2019 | 20.4 | 0.69 | 19.4 | 21.6 | 180.8 | 140.8 | NA | NA | NA | NA | NA | NA |

August

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/1/2019 | 20.2 | 1.33 | 18.3 | 22.2 | 20.2 | 16.2 | NA | NA | NA | NA | NA | NA |
| 8/2/2019 | 18.4 | 2.74 | 15.4 | 22.1 | 38.6 | 30.6 | NA | NA | NA | NA | NA | NA |
| 8/3/2019 | 18.5 | 2.42 | 15.9 | 21.7 | 57.1 | 45.1 | NA | NA | NA | NA | NA | NA |
| 8/4/2019 | 20.7 | 1.08 | 18.7 | 22.0 | 77.9 | 61.9 | NA | NA | NA | NA | NA | NA |
| 8/5/2019 | 20.3 | 1.54 | 17.5 | 21.8 | 98.2 | 78.2 | NA | NA | NA | NA | NA | NA |
| 8/6/2019 | 19.0 | 1.53 | 16.2 | 21.2 | 117.2 | 93.2 | NA | NA | NA | NA | NA | NA |
| 8/7/2019 | 20.8 | 0.59 | 19.6 | 21.4 | 138.0 | 110.0 | NA | NA | NA | NA | NA | NA |
| 8/8/2019 | 20.8 | 0.41 | 19.7 | 21.2 | 158.7 | 126.7 | NA | NA | NA | NA | NA | NA |
| 8/9/2019 | 20.9 | 0.35 | 20.1 | 21.4 | 179.6 | 143.6 | NA | NA | NA | NA | NA | NA |
| 8/10/2019 | 21.3 | 0.31 | 20.5 | 21.6 | 200.9 | 160.9 | NA | NA | NA | NA | NA | NA |
| 8/11/2019 | 21.6 | 0.56 | 20.7 | 22.1 | 222.5 | 178.5 | NA | NA | NA | NA | NA | NA |
| 8/12/2019 | 21.8 | 0.11 | 21.7 | 22.0 | 244.3 | 196.3 | NA | NA | NA | NA | NA | NA |
| 8/13/2019 | 21.6 | 0.25 | 21.1 | 21.9 | 265.9 | 213.9 | NA | NA | NA | NA | NA | NA |
| 8/14/2019 | 20.7 | 0.38 | 20.0 | 21.1 | 286.6 | 230.6 | NA | NA | NA | NA | NA | NA |
| 8/15/2019 | 20.1 | 0.44 | 19.2 | 20.5 | 306.7 | 246.7 | NA | NA | NA | NA | NA | NA |
| 8/16/2019 | 19.9 | 0.76 | 18.9 | 20.9 | 326.7 | 262.7 | NA | NA | NA | NA | NA | NA |
| 8/17/2019 | 20.5 | 0.28 | 20.2 | 20.9 | 347.2 | 279.2 | NA | NA | NA | NA | NA | NA |
| 8/18/2019 | 20.9 | 0.23 | 20.5 | 21.2 | 368.1 | 296.1 | NA | NA | NA | NA | NA | NA |
| 8/19/2019 | 21.1 | 0.11 | 20.9 | 21.3 | 389.3 | 313.3 | NA | NA | NA | NA | NA | NA |
| 8/20/2019 | 21.2 | 0.08 | 21.1 | 21.3 | 410.5 | 330.5 | NA | NA | NA | NA | NA | NA |
| 8/21/2019 | 20.4 | 0.87 | 18.8 | 21.2 | 430.9 | 346.9 | NA | NA | NA | NA | NA | NA |
| 8/22/2019 | 21.1 | 0.64 | 19.1 | 21.5 | 451.9 | 363.9 | NA | NA | NA | NA | NA | NA |
| 8/23/2019 | 20.2 | 1.68 | 16.0 | 21.3 | 472.1 | 380.1 | NA | NA | NA | NA | NA | NA |
| 8/24/2019 | 17.2 | 3.46 | 12.2 | 21.1 | 489.3 | 393.3 | NA | NA | NA | NA | NA | NA |
| 8/25/2019 | 15.5 | 2.20 | 12.5 | 18.0 | 504.8 | 404.8 | NA | NA | NA | NA | NA | NA |
| 8/26/2019 | 17.8 | 1.25 | 14.9 | 19.2 | 522.6 | 418.6 | NA | NA | NA | NA | NA | NA |
| 8/27/2019 | 13.9 | 2.58 | 10.8 | 17.5 | 536.4 | 428.4 | NA | NA | NA | NA | NA | NA |
| 8/28/2019 | 15.8 | 1.40 | 14.1 | 17.7 | 552.2 | 440.2 | NA | NA | NA | NA | NA | NA |
| 8/29/2019 | 16.7 | 0.53 | 15.6 | 17.6 | 569.0 | 453.0 | NA | NA | NA | NA | NA | NA |
| 8/30/2019 | 18.5 | 0.56 | 17.3 | 18.9 | 587.4 | 467.4 | NA | NA | NA | NA | NA | NA |
| 8/31/2019 | 19.1 | 0.30 | 18.7 | 19.7 | 606.5 | 482.5 | NA | NA | NA | NA | NA | NA |

September

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/1/2019 | 18.8 | 0.56 | 17.7 | 19.5 | 18.8 | 14.8 | NA | NA | NA | NA | NA | NA |
| 9/2/2019 | 18.3 | 0.49 | 17.7 | 18.9 | 37.1 | 29.1 | NA | NA | NA | NA | NA | NA |
| 9/3/2019 | 19.0 | 0.30 | 18.2 | 19.3 | 56.1 | 44.1 | NA | NA | NA | NA | NA | NA |
| 9/4/2019 | 19.0 | 0.17 | 18.6 | 19.2 | 75.1 | 59.1 | NA | NA | NA | NA | NA | NA |
| 9/5/2019 | 19.2 | 0.08 | 19.0 | 19.3 | 94.3 | 74.3 | NA | NA | NA | NA | NA | NA |
| 9/6/2019 | 18.9 | 0.09 | 18.8 | 19.0 | 113.2 | 89.2 | NA | NA | NA | NA | NA | NA |
| 9/7/2019 | 15.3 | 4.04 | 6.0 | 18.8 | 128.5 | 100.5 | NA | NA | NA | NA | NA | NA |
| 9/8/2019 | 12.9 | 3.37 | 4.7 | 15.1 | 141.4 | 109.4 | NA | NA | NA | NA | NA | NA |
| 9/9/2019 | 14.4 | 0.39 | 13.7 | 14.9 | 155.8 | 119.8 | NA | NA | NA | NA | NA | NA |
| 9/10/2019 | 14.4 | 0.33 | 14.0 | 14.9 | 170.2 | 130.2 | NA | NA | NA | NA | NA | NA |
| 9/11/2019 | 14.6 | 0.22 | 14.4 | 15.0 | 184.9 | 140.9 | NA | NA | NA | NA | NA | NA |
| 9/12/2019 | 15.0 | 0.45 | 14.0 | 15.3 | 199.9 | 151.9 | NA | NA | NA | NA | NA | NA |
| 9/13/2019 | 13.6 | 0.22 | 13.4 | 13.9 | 213.5 | 161.5 | NA | NA | NA | NA | NA | NA |
| 9/14/2019 | 13.8 | 0.38 | 13.4 | 14.4 | 227.3 | 171.3 | NA | NA | NA | NA | NA | NA |
| 9/15/2019 | 14.6 | 0.13 | 14.5 | 14.8 | 241.9 | 181.9 | NA | NA | NA | NA | NA | NA |
| 9/16/2019 | 15.0 | 0.10 | 14.8 | 15.1 | 256.9 | 192.9 | NA | NA | NA | NA | NA | NA |
| 9/17/2019 | 14.2 | 1.28 | 11.9 | 15.2 | 271.1 | 203.1 | NA | NA | NA | NA | NA | NA |
| 9/18/2019 | 13.0 | 0.43 | 12.0 | 13.5 | 284.1 | 212.1 | NA | NA | NA | NA | NA | NA |
| 9/19/2019 | 13.5 | 0.68 | 12.8 | 14.5 | 297.5 | 221.5 | NA | NA | NA | NA | NA | NA |
| 9/20/2019 | 14.5 | 0.14 | 14.3 | 14.6 | 312.0 | 232.0 | NA | NA | NA | NA | NA | NA |
| 9/21/2019 | 14.6 | 0.41 | 14.0 | 15.1 | 326.6 | 242.6 | NA | NA | NA | NA | NA | NA |
| 9/22/2019 | 14.1 | 0.41 | 13.6 | 14.9 | 340.7 | 252.7 | NA | NA | NA | NA | NA | NA |
| 9/23/2019 | 14.9 | 0.14 | 14.8 | 15.2 | 355.7 | 263.7 | NA | NA | NA | NA | NA | NA |
| 9/24/2019 | 15.0 | 0.34 | 14.4 | 15.2 | 370.6 | 274.6 | NA | NA | NA | NA | NA | NA |
| 9/25/2019 | 14.7 | 0.26 | 14.4 | 15.3 | 385.4 | 285.4 | NA | NA | NA | NA | NA | NA |
| 9/26/2019 | 15.2 | 0.44 | 14.3 | 15.6 | 400.6 | 296.6 | NA | NA | NA | NA | NA | NA |
| 9/27/2019 | 15.1 | 0.31 | 14.5 | 15.4 | 415.6 | 307.6 | NA | NA | NA | NA | NA | NA |
| 9/28/2019 | 15.2 | 0.08 | 15.1 | 15.4 | 430.8 | 318.8 | NA | NA | NA | NA | NA | NA |
| 9/29/2019 | 15.4 | 0.11 | 15.1 | 15.5 | 446.2 | 330.2 | NA | NA | NA | NA | NA | NA |
| 9/30/2019 | 14.9 | 0.19 | 14.6 | 15.2 | 461.1 | 341.1 | NA | NA | NA | NA | NA | NA |

October

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/1/2019 | 14.4 | 0.11 | 14.2 | 14.6 | 14.4 | 10.4 | NA | NA | NA | NA | NA | NA |
| 10/2/2019 | 14.4 | 0.07 | 14.3 | 14.5 | 28.8 | 20.8 | NA | NA | NA | NA | NA | NA |
| 10/3/2019 | 14.2 | 0.17 | 13.9 | 14.5 | 43.0 | 31.0 | NA | NA | NA | NA | NA | NA |
| 10/4/2019 | 13.9 | 0.20 | 13.6 | 14.2 | 57.0 | 41.0 | NA | NA | NA | NA | NA | NA |
| 10/5/2019 | 13.8 | 0.10 | 13.7 | 14.1 | 70.8 | 50.8 | NA | NA | NA | NA | NA | NA |
| 10/6/2019 | 13.4 | 0.25 | 12.9 | 13.7 | 84.2 | 60.2 | NA | NA | NA | NA | NA | NA |
| 10/7/2019 | 13.8 | 0.13 | 13.6 | 14.0 | 98.0 | 70.0 | NA | NA | NA | NA | NA | NA |
| 10/8/2019 | 14.0 | 0.09 | 13.9 | 14.1 | 112.0 | 80.0 | NA | NA | NA | NA | NA | NA |
| 10/9/2019 | 13.9 | 0.02 | 13.8 | 13.9 | 125.9 | 89.9 | NA | NA | NA | NA | NA | NA |
| 10/10/2019 | 13.8 | 0.04 | 13.7 | 13.8 | 139.6 | 99.6 | NA | NA | NA | NA | NA | NA |
| 10/11/2019 | 13.7 | 0.04 | 13.6 | 13.8 | 153.3 | 109.3 | NA | NA | NA | NA | NA | NA |
| 10/12/2019 | 12.9 | 0.60 | 12.3 | 13.6 | 166.2 | 118.2 | NA | NA | NA | NA | NA | NA |
| 10/13/2019 | 12.5 | 0.15 | 12.3 | 12.7 | 178.7 | 126.7 | NA | NA | NA | NA | NA | NA |
| 10/14/2019 | 12.6 | 0.12 | 12.5 | 12.9 | 191.4 | 135.4 | NA | NA | NA | NA | NA | NA |
| 10/15/2019 | 12.8 | 0.15 | 12.5 | 12.9 | 204.2 | 144.2 | NA | NA | NA | NA | NA | NA |
| 10/16/2019 | 12.9 | 0.05 | 12.8 | 12.9 | 217.0 | 153.0 | NA | NA | NA | NA | NA | NA |
| 10/17/2019 | 12.7 | 0.30 | 12.2 | 12.9 | 229.7 | 161.7 | NA | NA | NA | NA | NA | NA |
| 10/18/2019 | 12.4 | 0.14 | 12.1 | 12.5 | 242.1 | 170.1 | NA | NA | NA | NA | NA | NA |
| 10/19/2019 | 12.5 | 0.03 | 12.4 | 12.6 | 254.6 | 178.6 | NA | NA | NA | NA | NA | NA |
| 10/20/2019 | 12.5 | 0.05 | 12.4 | 12.6 | 267.1 | 187.1 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/21/2019 | 12.3 | 0.06 | 12.2 | 12.4 | 279.4 | 195.4 | NA | NA | NA | NA | NA | NA |
| 10/22/2019 | 12.3 | 0.05 | 12.2 | 12.3 | 291.7 | 203.7 | NA | NA | NA | NA | NA | NA |
| 10/23/2019 | 11.9 | 0.25 | 11.3 | 12.2 | 303.6 | 211.6 | NA | NA | NA | NA | NA | NA |
| 10/24/2019 | 11.6 | 0.20 | 11.2 | 11.8 | 315.2 | 219.2 | NA | NA | NA | NA | NA | NA |
| 10/25/2019 | 11.9 | 0.03 | 11.8 | 11.9 | 327.0 | 227.0 | NA | NA | NA | NA | NA | NA |
| 10/26/2019 | 11.8 | 0.07 | 11.6 | 11.9 | 338.9 | 234.9 | NA | NA | NA | NA | NA | NA |
| 10/27/2019 | 11.3 | 0.31 | 10.7 | 11.7 | 350.1 | 242.1 | NA | NA | NA | NA | NA | NA |
| 10/28/2019 | 11.0 | 0.11 | 10.8 | 11.1 | 361.2 | 249.2 | NA | NA | NA | NA | NA | NA |
| 10/29/2019 | 11.1 | 0.02 | 11.0 | 11.1 | 372.2 | 256.2 | NA | NA | NA | NA | NA | NA |
| 10/30/2019 | 11.0 | 0.07 | 10.9 | 11.1 | 383.2 | 263.2 | NA | NA | NA | NA | NA | NA |
| 10/31/2019 | 11.0 | 0.02 | 10.9 | 11.0 | 394.2 | 270.2 | NA | NA | NA | NA | NA | NA |

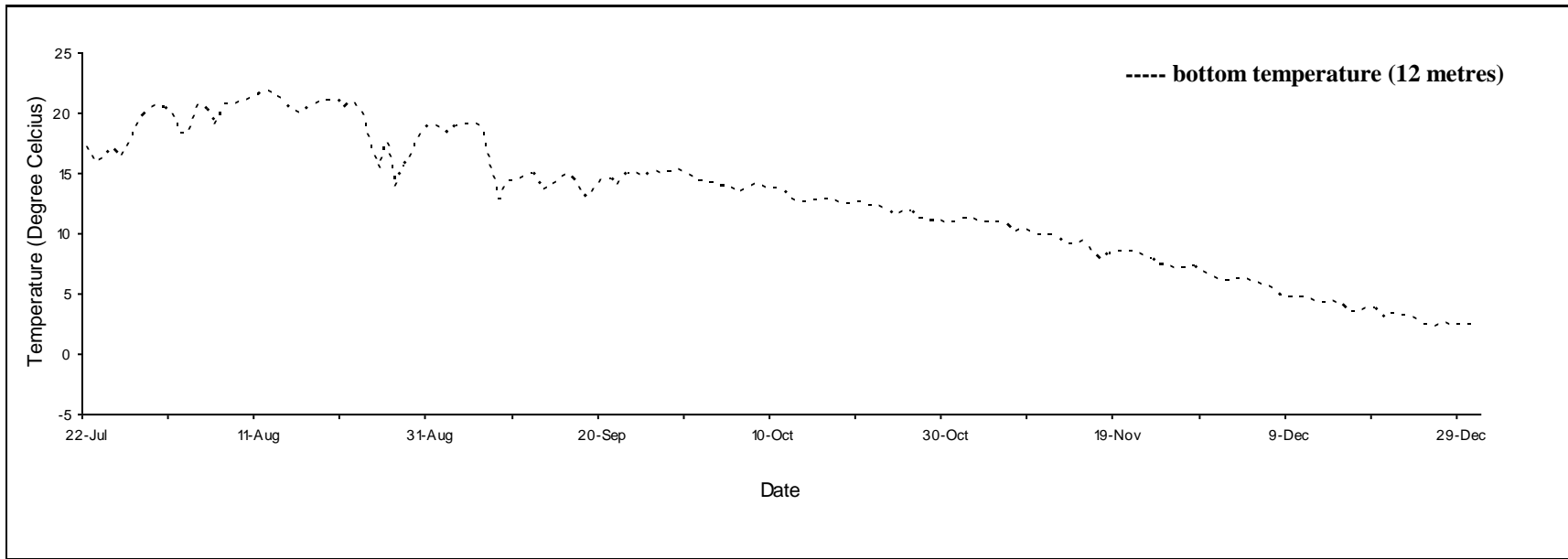
November

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 11/1/2019 | 11.2 | 0.14 | 11.0 | 11.3 | 11.2 | 7.2 | NA | NA | NA | NA | NA | NA |
| 11/2/2019 | 11.3 | 0.05 | 11.3 | 11.4 | 22.5 | 14.5 | NA | NA | NA | NA | NA | NA |
| 11/3/2019 | 11.1 | 0.11 | 11.0 | 11.3 | 33.6 | 21.6 | NA | NA | NA | NA | NA | NA |
| 11/4/2019 | 10.9 | 0.05 | 10.8 | 11.0 | 44.6 | 28.6 | NA | NA | NA | NA | NA | NA |
| 11/5/2019 | 10.9 | 0.15 | 10.6 | 11.1 | 55.5 | 35.5 | NA | NA | NA | NA | NA | NA |
| 11/6/2019 | 10.8 | 0.20 | 10.3 | 10.9 | 66.3 | 42.3 | NA | NA | NA | NA | NA | NA |
| 11/7/2019 | 10.2 | 0.22 | 9.8 | 10.5 | 76.5 | 48.5 | NA | NA | NA | NA | NA | NA |
| 11/8/2019 | 10.4 | 0.06 | 10.3 | 10.5 | 86.9 | 54.9 | NA | NA | NA | NA | NA | NA |
| 11/9/2019 | 9.9 | 0.17 | 9.8 | 10.2 | 96.8 | 60.8 | NA | NA | NA | NA | NA | NA |
| 11/10/2019 | 9.8 | 0.03 | 9.8 | 9.9 | 106.6 | 66.6 | NA | NA | NA | NA | NA | NA |
| 11/11/2019 | 9.8 | 0.03 | 9.8 | 9.9 | 116.4 | 72.4 | NA | NA | NA | NA | NA | NA |
| 11/12/2019 | 9.7 | 0.07 | 9.6 | 9.8 | 126.2 | 78.2 | NA | NA | NA | NA | NA | NA |
| 11/13/2019 | 9.1 | 0.41 | 8.4 | 9.5 | 135.3 | 83.3 | NA | NA | NA | NA | NA | NA |
| 11/14/2019 | 9.1 | 0.35 | 8.4 | 9.4 | 144.4 | 88.4 | NA | NA | NA | NA | NA | NA |
| 11/15/2019 | 9.3 | 0.04 | 9.3 | 9.4 | 153.7 | 93.7 | NA | NA | NA | NA | NA | NA |
| 11/16/2019 | 8.4 | 0.60 | 7.7 | 9.3 | 162.2 | 98.2 | NA | NA | NA | NA | NA | NA |
| 11/17/2019 | 7.9 | 0.30 | 7.5 | 8.4 | 170.0 | 102.0 | NA | NA | NA | NA | NA | NA |
| 11/18/2019 | 8.4 | 0.06 | 8.3 | 8.5 | 178.4 | 106.4 | NA | NA | NA | NA | NA | NA |
| 11/19/2019 | 8.6 | 0.02 | 8.5 | 8.6 | 187.0 | 111.0 | NA | NA | NA | NA | NA | NA |
| 11/20/2019 | 8.5 | 0.05 | 8.4 | 8.5 | 195.4 | 115.4 | NA | NA | NA | NA | NA | NA |
| 11/21/2019 | 8.4 | 0.05 | 8.3 | 8.5 | 203.9 | 119.9 | NA | NA | NA | NA | NA | NA |
| 11/22/2019 | 8.3 | 0.01 | 8.2 | 8.3 | 212.1 | 124.1 | NA | NA | NA | NA | NA | NA |
| 11/23/2019 | 7.9 | 0.29 | 7.3 | 8.3 | 220.0 | 128.0 | NA | NA | NA | NA | NA | NA |
| 11/24/2019 | 7.4 | 0.05 | 7.3 | 7.4 | 227.4 | 131.4 | NA | NA | NA | NA | NA | NA |
| 11/25/2019 | 7.4 | 0.17 | 6.9 | 7.5 | 234.7 | 134.7 | NA | NA | NA | NA | NA | NA |
| 11/26/2019 | 7.0 | 0.05 | 6.9 | 7.1 | 241.8 | 137.8 | NA | NA | NA | NA | NA | NA |
| 11/27/2019 | 7.2 | 0.05 | 7.1 | 7.2 | 248.9 | 140.9 | NA | NA | NA | NA | NA | NA |
| 11/28/2019 | 7.2 | 0.01 | 7.2 | 7.2 | 256.1 | 144.1 | NA | NA | NA | NA | NA | NA |
| 11/29/2019 | 6.8 | 0.24 | 6.5 | 7.2 | 262.9 | 146.9 | NA | NA | NA | NA | NA | NA |
| 11/30/2019 | 6.4 | 0.07 | 6.3 | 6.5 | 269.3 | 149.3 | NA | NA | NA | NA | NA | NA |

December

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 12/1/2019 | 6.2 | 0.09 | 6.0 | 6.3 | 6.2 | 2.2 | NA | NA | NA | NA | NA | NA |
| 12/2/2019 | 6.1 | 0.08 | 5.9 | 6.2 | 12.2 | 4.2 | NA | NA | NA | NA | NA | NA |
| 12/3/2019 | 6.2 | 0.05 | 6.1 | 6.3 | 18.4 | 6.4 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 12/4/2019 | 6.2 | 0.05 | 6.1 | 6.3 | 24.6 | 8.6 | NA | NA | NA | NA | NA | NA |
| 12/5/2019 | 6.0 | 0.03 | 5.9 | 6.0 | 30.6 | 10.6 | NA | NA | NA | NA | NA | NA |
| 12/6/2019 | 5.7 | 0.15 | 5.5 | 5.9 | 36.3 | 12.3 | NA | NA | NA | NA | NA | NA |
| 12/7/2019 | 5.5 | 0.06 | 5.4 | 5.6 | 41.8 | 13.8 | NA | NA | NA | NA | NA | NA |
| 12/8/2019 | 4.8 | 0.38 | 4.4 | 5.5 | 46.7 | 14.7 | NA | NA | NA | NA | NA | NA |
| 12/9/2019 | 4.7 | 0.10 | 4.5 | 4.9 | 51.4 | 15.4 | NA | NA | NA | NA | NA | NA |
| 12/10/2019 | 4.7 | 0.08 | 4.6 | 4.8 | 56.1 | 16.1 | NA | NA | NA | NA | NA | NA |
| 12/11/2019 | 4.7 | 0.08 | 4.6 | 4.8 | 60.8 | 16.8 | NA | NA | NA | NA | NA | NA |
| 12/12/2019 | 4.4 | 0.39 | 3.7 | 4.7 | 65.2 | 17.2 | NA | NA | NA | NA | NA | NA |
| 12/13/2019 | 4.2 | 0.32 | 3.5 | 4.5 | 69.4 | 17.4 | NA | NA | NA | NA | NA | NA |
| 12/14/2019 | 4.4 | 0.09 | 4.2 | 4.5 | 73.8 | 17.8 | NA | NA | NA | NA | NA | NA |
| 12/15/2019 | 4.3 | 0.12 | 4.1 | 4.5 | 78.1 | 18.1 | NA | NA | NA | NA | NA | NA |
| 12/16/2019 | 3.6 | 0.38 | 3.1 | 4.1 | 81.6 | 18.1 | NA | NA | NA | NA | NA | NA |
| 12/17/2019 | 3.4 | 0.15 | 3.2 | 3.7 | 85.0 | 18.1 | NA | NA | NA | NA | NA | NA |
| 12/18/2019 | 3.7 | 0.03 | 3.7 | 3.8 | 88.8 | 18.1 | NA | NA | NA | NA | NA | NA |
| 12/19/2019 | 3.7 | 0.13 | 3.5 | 3.9 | 92.5 | 18.1 | NA | NA | NA | NA | NA | NA |
| 12/20/2019 | 3.1 | 0.35 | 2.7 | 3.5 | 95.6 | 18.1 | NA | NA | NA | NA | NA | NA |
| 12/21/2019 | 3.4 | 0.08 | 3.3 | 3.5 | 99.0 | 18.1 | NA | NA | NA | NA | NA | NA |
| 12/22/2019 | 3.2 | 0.03 | 3.2 | 3.3 | 102.2 | 18.1 | NA | NA | NA | NA | NA | NA |
| 12/23/2019 | 3.1 | 0.08 | 3.0 | 3.2 | 105.4 | 18.1 | NA | NA | NA | NA | NA | NA |
| 12/24/2019 | 2.7 | 0.33 | 2.2 | 3.0 | 108.1 | 18.1 | NA | NA | NA | NA | NA | NA |
| 12/25/2019 | 2.4 | 0.20 | 2.1 | 2.7 | 110.5 | 18.1 | NA | NA | NA | NA | NA | NA |
| 12/26/2019 | 2.2 | 0.05 | 2.2 | 2.3 | 112.7 | 18.1 | NA | NA | NA | NA | NA | NA |
| 12/27/2019 | 2.5 | 0.11 | 2.3 | 2.7 | 115.3 | 18.1 | NA | NA | NA | NA | NA | NA |
| 12/28/2019 | 2.4 | 0.04 | 2.4 | 2.5 | 117.7 | 18.1 | NA | NA | NA | NA | NA | NA |
| 12/29/2019 | 2.4 | 0.03 | 2.4 | 2.5 | 120.1 | 18.1 | NA | NA | NA | NA | NA | NA |
| 12/30/2019 | 2.5 | 0.09 | 2.4 | 2.6 | 122.6 | 18.1 | NA | NA | NA | NA | NA | NA |
| 12/31/2019 | 2.8 | 0.04 | 2.7 | 2.8 | 125.4 | 18.1 | NA | NA | NA | NA | NA | NA |



Daily mean temperature for Mabou Harbour, N.S., 2019.

Malpeque, P.E.I.

2019

May

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 5/2/2019 | 2.7 | 0.31 | 2.1 | 3.2 | 2.7 | 0.0 | 2.6 | 0.49 | 1.6 | 3.3 | 2.6 | 0.0 |
| 5/3/2019 | 2.7 | 0.05 | 2.6 | 2.8 | 5.4 | 0.0 | 2.7 | 0.24 | 2.5 | 3.3 | 5.3 | 0.0 |
| 5/4/2019 | 2.4 | 0.21 | 2.1 | 2.7 | 7.8 | 0.0 | 3.4 | 0.36 | 2.8 | 3.8 | 8.7 | 0.0 |
| 5/5/2019 | 2.2 | 0.16 | 2.0 | 2.4 | 10.0 | 0.0 | 3.8 | 0.45 | 2.9 | 4.7 | 12.5 | 0.0 |
| 5/6/2019 | 2.4 | 0.14 | 2.3 | 2.7 | 12.5 | 0.0 | 3.9 | 0.69 | 3.2 | 5.1 | 16.4 | 0.0 |
| 5/7/2019 | 2.3 | 0.11 | 2.2 | 2.5 | 14.8 | 0.0 | 4.0 | 0.96 | 3.2 | 6.1 | 20.4 | 0.0 |
| 5/8/2019 | 4.3 | 1.61 | 2.3 | 6.0 | 19.0 | 0.3 | 5.3 | 0.64 | 4.3 | 6.2 | 25.7 | 1.3 |
| 5/9/2019 | 5.6 | 0.59 | 5.0 | 7.1 | 24.7 | 1.9 | 5.8 | 0.58 | 5.0 | 6.9 | 31.5 | 3.1 |
| 5/10/2019 | 5.0 | 0.34 | 4.0 | 5.3 | 29.6 | 2.9 | 5.6 | 0.66 | 5.0 | 6.8 | 37.1 | 4.7 |
| 5/11/2019 | 2.6 | 0.46 | 2.2 | 3.4 | 32.3 | 2.9 | 5.2 | 0.17 | 5.0 | 5.5 | 42.2 | 5.8 |
| 5/12/2019 | 4.6 | 1.25 | 2.5 | 5.8 | 36.9 | 3.5 | 5.4 | 0.43 | 4.9 | 6.3 | 47.7 | 7.3 |
| 5/13/2019 | 4.3 | 0.51 | 3.8 | 5.3 | 41.2 | 3.8 | 5.4 | 0.59 | 5.0 | 6.5 | 53.0 | 8.6 |
| 5/14/2019 | 3.6 | 0.58 | 3.0 | 4.4 | 44.8 | 3.8 | 4.9 | 0.59 | 4.3 | 6.6 | 58.0 | 9.6 |
| 5/15/2019 | 2.9 | 0.45 | 2.2 | 3.8 | 47.7 | 3.8 | 3.9 | 0.28 | 3.7 | 4.5 | 61.9 | 9.6 |
| 5/16/2019 | 3.1 | 0.88 | 2.2 | 4.5 | 50.8 | 3.8 | 4.1 | 0.44 | 3.6 | 4.9 | 65.9 | 9.6 |
| 5/17/2019 | 4.4 | 0.10 | 4.3 | 4.5 | 55.2 | 4.2 | 4.9 | 0.35 | 4.5 | 5.7 | 70.9 | 10.6 |
| 5/18/2019 | 4.2 | 0.10 | 4.0 | 4.4 | 59.3 | 4.4 | 4.9 | 0.29 | 4.5 | 5.5 | 75.8 | 11.5 |
| 5/19/2019 | 4.3 | 0.28 | 4.0 | 4.8 | 63.7 | 4.7 | 5.2 | 0.45 | 4.7 | 6.1 | 81.0 | 12.7 |
| 5/20/2019 | 4.6 | 0.32 | 3.8 | 4.9 | 68.3 | 5.3 | 5.4 | 0.28 | 5.0 | 5.8 | 86.4 | 14.1 |
| 5/21/2019 | 2.9 | 0.28 | 2.6 | 3.5 | 71.2 | 5.3 | 4.8 | 0.27 | 4.4 | 5.3 | 91.2 | 14.9 |
| 5/22/2019 | 4.4 | 0.22 | 4.0 | 4.7 | 75.7 | 5.8 | 4.8 | 0.63 | 4.1 | 5.8 | 96.0 | 15.7 |
| 5/23/2019 | 4.9 | 0.13 | 4.7 | 5.1 | 80.6 | 6.7 | 5.4 | 0.55 | 4.8 | 6.4 | 101.4 | 17.1 |
| 5/24/2019 | 4.8 | 0.03 | 4.7 | 4.8 | 85.3 | 7.4 | 5.8 | 0.34 | 5.4 | 6.4 | 107.2 | 18.9 |
| 5/25/2019 | 4.2 | 0.37 | 3.9 | 4.8 | 89.6 | 7.7 | 6.0 | 0.64 | 5.1 | 7.3 | 113.2 | 20.9 |
| 5/26/2019 | 3.9 | 0.03 | 3.8 | 3.9 | 93.4 | 7.7 | 5.2 | 0.23 | 5.0 | 5.8 | 118.3 | 22.0 |
| 5/27/2019 | 3.9 | 0.07 | 3.8 | 4.0 | 97.3 | 7.7 | 5.4 | 0.30 | 4.9 | 5.8 | 123.7 | 23.4 |
| 5/28/2019 | 3.9 | 0.21 | 3.7 | 4.2 | 101.2 | 7.7 | 6.3 | 0.33 | 5.8 | 6.9 | 129.9 | 25.7 |
| 5/29/2019 | 4.6 | 0.49 | 4.2 | 5.5 | 105.8 | 8.3 | 6.3 | 0.21 | 6.0 | 6.7 | 136.3 | 28.0 |
| 5/30/2019 | 4.8 | 0.12 | 4.6 | 5.1 | 110.6 | 9.1 | 6.1 | 0.38 | 5.3 | 6.7 | 142.4 | 30.1 |
| 5/31/2019 | 3.9 | 0.25 | 3.7 | 4.3 | 114.5 | 9.1 | 5.3 | 0.66 | 4.7 | 6.9 | 147.7 | 31.4 |

June

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/1/2019 | 3.9 | 0.20 | 3.6 | 4.2 | 3.9 | 0.0 | 5.8 | 0.53 | 4.9 | 6.8 | 5.8 | 1.8 |
| 6/2/2019 | 4.6 | 0.36 | 4.0 | 5.0 | 8.5 | 0.6 | 6.2 | 0.58 | 5.2 | 6.9 | 12.0 | 4.0 |
| 6/3/2019 | 5.5 | 0.68 | 4.8 | 6.7 | 14.0 | 2.1 | 7.0 | 0.80 | 5.7 | 8.0 | 19.0 | 7.0 |
| 6/4/2019 | 5.7 | 0.16 | 5.4 | 5.9 | 19.7 | 3.8 | 7.9 | 0.44 | 7.3 | 8.8 | 26.9 | 10.9 |
| 6/5/2019 | 5.5 | 0.24 | 5.0 | 5.8 | 25.2 | 5.3 | 8.8 | 0.40 | 8.2 | 9.4 | 35.6 | 15.6 |
| 6/6/2019 | 5.4 | 0.44 | 4.8 | 5.9 | 30.5 | 6.6 | 9.1 | 0.27 | 8.8 | 9.8 | 44.7 | 20.7 |
| 6/7/2019 | 6.2 | 0.49 | 5.5 | 6.7 | 36.8 | 8.8 | 9.4 | 0.69 | 8.8 | 10.6 | 54.1 | 26.1 |
| 6/8/2019 | 7.0 | 0.69 | 6.0 | 7.8 | 43.8 | 11.8 | 9.7 | 0.73 | 8.0 | 10.6 | 63.9 | 31.9 |
| 6/9/2019 | 8.9 | 0.97 | 7.9 | 10.1 | 52.7 | 16.7 | 10.8 | 0.55 | 10.1 | 11.7 | 74.6 | 38.6 |
| 6/10/2019 | 7.6 | 0.59 | 6.3 | 8.3 | 60.3 | 20.3 | 11.2 | 0.88 | 10.5 | 12.8 | 85.8 | 45.8 |
| 6/11/2019 | 5.8 | 0.30 | 5.4 | 6.3 | 66.0 | 22.1 | 10.8 | 0.93 | 9.3 | 12.0 | 96.6 | 52.6 |
| 6/12/2019 | 9.2 | 2.45 | 6.2 | 11.4 | 75.2 | 27.3 | 11.4 | 0.28 | 11.0 | 11.9 | 108.0 | 60.0 |
| 6/13/2019 | 11.2 | 0.23 | 10.7 | 11.5 | 86.4 | 34.5 | 11.4 | 0.12 | 11.3 | 11.6 | 119.5 | 67.5 |
| 6/14/2019 | 8.0 | 1.91 | 6.3 | 10.8 | 94.4 | 38.4 | 11.2 | 0.33 | 10.8 | 12.0 | 130.7 | 74.7 |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/15/2019 | 6.5 | 0.23 | 6.2 | 6.9 | 100.9 | 41.0 | 11.7 | 0.34 | 11.1 | 12.4 | 142.4 | 82.4 |
| 6/16/2019 | 6.3 | 0.13 | 6.2 | 6.6 | 107.2 | 43.3 | 11.8 | 0.29 | 11.2 | 12.1 | 154.1 | 90.1 |
| 6/17/2019 | 7.5 | 0.60 | 6.4 | 8.3 | 114.7 | 46.8 | 12.1 | 0.58 | 11.4 | 13.5 | 166.2 | 98.2 |
| 6/18/2019 | 9.4 | 0.81 | 8.1 | 10.4 | 124.1 | 52.2 | 12.4 | 0.94 | 11.2 | 14.1 | 178.6 | 106.6 |
| 6/19/2019 | 9.6 | 0.44 | 8.9 | 10.1 | 133.7 | 57.7 | 13.3 | 0.85 | 11.3 | 14.4 | 191.9 | 115.9 |
| 6/20/2019 | 9.6 | 0.64 | 8.5 | 10.2 | 143.2 | 63.3 | 13.7 | 0.73 | 12.0 | 14.5 | 205.6 | 125.6 |
| 6/21/2019 | 9.8 | 1.38 | 8.3 | 12.9 | 153.0 | 69.1 | 13.2 | 0.83 | 10.8 | 14.1 | 218.8 | 134.8 |
| 6/22/2019 | 13.5 | 0.41 | 13.0 | 14.1 | 166.5 | 78.6 | 13.3 | 0.46 | 12.7 | 14.2 | 232.1 | 144.1 |
| 6/23/2019 | 13.8 | 0.44 | 13.2 | 14.6 | 180.4 | 88.4 | 13.3 | 0.29 | 13.0 | 13.8 | 245.4 | 153.4 |
| 6/24/2019 | 13.6 | 0.73 | 12.6 | 15.0 | 194.0 | 98.1 | 14.1 | 0.36 | 13.6 | 14.5 | 259.5 | 163.5 |
| 6/25/2019 | 12.8 | 0.63 | 11.3 | 13.5 | 206.8 | 106.9 | 14.7 | 0.38 | 14.3 | 15.4 | 274.2 | 174.2 |
| 6/26/2019 | 9.5 | 0.35 | 9.0 | 10.5 | 216.3 | 112.4 | 14.0 | 0.32 | 13.7 | 14.8 | 288.2 | 184.2 |
| 6/27/2019 | 10.2 | 0.22 | 9.8 | 10.5 | 226.5 | 118.6 | 12.9 | 0.46 | 11.5 | 13.2 | 301.1 | 193.1 |
| 6/28/2019 | 10.7 | 0.05 | 10.6 | 10.7 | 237.2 | 125.2 | 12.9 | 0.80 | 11.3 | 13.8 | 314.0 | 202.0 |
| 6/29/2019 | 11.0 | 0.11 | 10.7 | 11.1 | 248.1 | 132.2 | 13.5 | 0.36 | 12.7 | 14.0 | 327.5 | 211.5 |
| 6/30/2019 | 10.7 | 0.18 | 10.4 | 11.0 | 258.8 | 138.9 | 13.4 | 0.34 | 12.8 | 13.8 | 340.9 | 220.9 |

July

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/1/2019 | 11.0 | 0.53 | 10.4 | 12.1 | 11.0 | 7.0 | 13.1 | 0.47 | 12.6 | 13.9 | 13.1 | 9.1 |
| 7/2/2019 | 13.2 | 0.95 | 11.1 | 14.9 | 24.2 | 16.2 | 13.5 | 0.53 | 12.8 | 14.2 | 26.6 | 18.6 |
| 7/3/2019 | 12.8 | 1.80 | 9.7 | 15.4 | 37.0 | 25.0 | 14.0 | 0.41 | 13.4 | 14.8 | 40.7 | 28.7 |
| 7/4/2019 | 9.0 | 0.53 | 8.0 | 9.5 | 46.0 | 30.0 | 14.7 | 0.64 | 13.8 | 16.4 | 55.3 | 39.3 |
| 7/5/2019 | 7.9 | 0.22 | 7.3 | 8.1 | 53.8 | 33.8 | 14.9 | 0.65 | 14.1 | 16.0 | 70.2 | 50.2 |
| 7/6/2019 | 9.1 | 0.84 | 8.0 | 10.4 | 62.9 | 38.9 | 15.0 | 0.50 | 13.9 | 15.6 | 85.2 | 61.2 |
| 7/7/2019 | 10.8 | 0.42 | 10.2 | 11.8 | 73.7 | 45.7 | 15.4 | 0.72 | 13.6 | 16.1 | 100.6 | 72.6 |
| 7/8/2019 | 11.2 | 0.91 | 9.8 | 12.1 | 84.9 | 52.9 | 15.9 | 0.44 | 15.2 | 16.7 | 116.5 | 84.5 |
| 7/9/2019 | 11.9 | 0.39 | 11.2 | 12.5 | 96.8 | 60.8 | 16.3 | 0.33 | 15.9 | 16.9 | 132.8 | 96.8 |
| 7/10/2019 | 13.8 | 0.68 | 12.9 | 15.2 | 110.6 | 70.6 | 16.7 | 0.36 | 16.3 | 17.4 | 149.5 | 109.5 |
| 7/11/2019 | 14.1 | 0.15 | 13.9 | 14.5 | 124.7 | 80.7 | 16.8 | 0.20 | 16.6 | 17.1 | 166.3 | 122.3 |
| 7/12/2019 | 12.9 | 0.86 | 11.1 | 13.8 | 137.7 | 89.7 | 16.8 | 0.28 | 16.1 | 17.3 | 183.1 | 135.1 |
| 7/13/2019 | 10.2 | 0.29 | 9.9 | 10.7 | 147.9 | 95.9 | 14.7 | 0.28 | 14.2 | 15.2 | 197.9 | 145.9 |
| 7/14/2019 | 9.8 | 0.25 | 9.2 | 10.2 | 157.6 | 101.6 | 16.0 | 0.66 | 14.8 | 16.9 | 213.9 | 157.9 |
| 7/15/2019 | 10.8 | 0.60 | 9.7 | 12.0 | 168.4 | 108.4 | 16.2 | 0.48 | 15.2 | 16.6 | 230.1 | 170.1 |
| 7/16/2019 | 11.4 | 0.40 | 10.9 | 12.0 | 179.8 | 115.8 | 16.8 | 0.26 | 16.3 | 17.3 | 246.9 | 182.9 |
| 7/17/2019 | 11.2 | 0.32 | 10.5 | 11.8 | 191.0 | 123.0 | 17.1 | 0.43 | 16.2 | 17.6 | 263.9 | 195.9 |
| 7/18/2019 | 11.0 | 0.34 | 10.4 | 11.4 | 202.0 | 130.0 | 17.8 | 0.33 | 17.4 | 18.6 | 281.7 | 209.7 |
| 7/19/2019 | 11.1 | 0.29 | 10.7 | 11.9 | 213.1 | 137.1 | 17.8 | 0.19 | 17.4 | 18.1 | 299.5 | 223.5 |
| 7/20/2019 | 11.4 | 0.21 | 11.2 | 11.9 | 224.5 | 144.5 | 18.1 | 0.35 | 17.6 | 18.8 | 317.5 | 237.5 |
| 7/21/2019 | 11.6 | 0.34 | 11.3 | 12.5 | 236.1 | 152.1 | 18.5 | 0.36 | 18.0 | 19.0 | 336.0 | 252.0 |
| 7/22/2019 | 12.0 | 0.21 | 11.5 | 12.2 | 248.1 | 160.1 | 18.8 | 0.61 | 17.7 | 19.5 | 354.8 | 266.8 |
| 7/23/2019 | 11.4 | 0.26 | 11.1 | 11.9 | 259.5 | 167.5 | 19.5 | 0.44 | 18.7 | 20.2 | 374.4 | 282.4 |
| 7/24/2019 | 11.7 | 0.30 | 11.5 | 12.4 | 271.3 | 175.3 | 19.7 | 0.35 | 18.9 | 20.3 | 394.1 | 298.1 |
| 7/25/2019 | 12.5 | 0.34 | 11.9 | 12.9 | 283.7 | 183.7 | 20.1 | 0.16 | 19.9 | 20.4 | 414.2 | 314.2 |
| 7/26/2019 | 12.5 | 0.24 | 12.1 | 12.9 | 296.2 | 192.2 | 20.4 | 0.28 | 20.0 | 21.0 | 434.6 | 330.6 |
| 7/27/2019 | 11.9 | 0.36 | 11.3 | 12.3 | 308.0 | 200.0 | 20.0 | 0.59 | 18.8 | 20.6 | 454.6 | 346.6 |
| 7/28/2019 | 11.2 | 0.19 | 10.7 | 11.4 | 319.3 | 207.3 | 20.0 | 0.47 | 18.9 | 20.5 | 474.6 | 362.6 |
| 7/29/2019 | 11.0 | 0.30 | 10.5 | 11.4 | 330.2 | 214.2 | 18.6 | 0.61 | 17.6 | 19.2 | 493.2 | 377.2 |
| 7/30/2019 | 11.8 | 0.58 | 11.3 | 12.9 | 342.1 | 222.1 | 18.6 | 0.99 | 16.6 | 20.5 | 511.7 | 391.7 |
| 7/31/2019 | 13.2 | 0.64 | 12.2 | 14.1 | 355.3 | 231.3 | 19.3 | 0.90 | 17.4 | 20.2 | 531.0 | 407.0 |

August

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/1/2019 | 12.8 | 0.57 | 12.2 | 13.8 | 12.8 | 8.8 | 19.7 | 0.80 | 18.5 | 21.1 | 19.7 | 15.7 |
| 8/2/2019 | 12.5 | 0.65 | 11.6 | 13.7 | 25.3 | 17.3 | 21.2 | 0.52 | 19.8 | 21.8 | 40.8 | 32.8 |
| 8/3/2019 | 12.1 | 1.08 | 10.1 | 13.3 | 37.4 | 25.4 | 21.4 | 0.25 | 20.9 | 21.7 | 62.3 | 50.3 |
| 8/4/2019 | 11.5 | 0.64 | 10.1 | 12.2 | 48.9 | 32.9 | 21.3 | 0.19 | 21.0 | 21.6 | 83.6 | 67.6 |
| 8/5/2019 | 12.6 | 0.68 | 11.3 | 13.8 | 61.5 | 41.5 | 21.2 | 0.20 | 20.8 | 21.5 | 104.8 | 84.8 |
| 8/6/2019 | 13.5 | 0.23 | 13.2 | 14.1 | 75.1 | 51.1 | 21.2 | 0.23 | 20.9 | 21.5 | 125.9 | 101.9 |
| 8/7/2019 | 12.7 | 0.20 | 12.2 | 12.9 | 87.7 | 59.7 | 21.4 | 0.18 | 21.2 | 21.7 | 147.4 | 119.4 |
| 8/8/2019 | 11.1 | 0.69 | 10.2 | 11.9 | 98.8 | 66.8 | 19.7 | 2.55 | 14.3 | 21.3 | 167.1 | 135.1 |
| 8/9/2019 | 9.2 | 0.28 | 8.9 | 9.7 | 108.0 | 72.0 | 15.6 | 2.13 | 13.1 | 19.3 | 182.7 | 146.7 |
| 8/10/2019 | 9.5 | 0.43 | 8.8 | 10.1 | 117.5 | 77.5 | 17.5 | 2.62 | 12.7 | 20.6 | 200.1 | 160.1 |
| 8/11/2019 | 11.9 | 0.75 | 10.4 | 12.9 | 129.4 | 85.4 | 19.2 | 1.13 | 17.4 | 20.7 | 219.3 | 175.3 |
| 8/12/2019 | 14.6 | 1.29 | 13.1 | 17.0 | 143.9 | 95.9 | 18.7 | 0.50 | 17.8 | 19.5 | 238.0 | 190.0 |
| 8/13/2019 | 14.4 | 0.67 | 13.3 | 15.7 | 158.4 | 106.4 | 19.0 | 0.15 | 18.8 | 19.2 | 256.9 | 204.9 |
| 8/14/2019 | 14.6 | 1.37 | 13.7 | 18.7 | 173.0 | 117.0 | 18.9 | 0.22 | 18.6 | 19.3 | 275.9 | 219.9 |
| 8/15/2019 | 13.7 | 0.71 | 12.6 | 14.8 | 186.6 | 126.6 | 19.2 | 0.35 | 18.4 | 19.8 | 295.1 | 235.1 |
| 8/16/2019 | 12.5 | 0.27 | 11.9 | 12.8 | 199.1 | 135.1 | 19.3 | 0.29 | 18.8 | 19.9 | 314.3 | 250.3 |
| 8/17/2019 | 11.5 | 0.53 | 10.2 | 11.9 | 210.6 | 142.6 | 19.7 | 0.28 | 19.3 | 20.2 | 334.0 | 266.0 |
| 8/18/2019 | 10.1 | 0.22 | 9.5 | 10.4 | 220.7 | 148.7 | 19.4 | 0.16 | 19.2 | 19.7 | 353.5 | 281.5 |
| 8/19/2019 | 10.3 | 0.66 | 9.5 | 11.2 | 231.0 | 155.0 | 19.6 | 0.28 | 19.1 | 20.0 | 373.1 | 297.1 |
| 8/20/2019 | 11.8 | 0.83 | 10.8 | 13.3 | 242.8 | 162.8 | 20.0 | 0.21 | 19.8 | 20.4 | 393.1 | 313.1 |
| 8/21/2019 | 13.0 | 0.47 | 12.1 | 13.5 | 255.8 | 171.8 | 20.2 | 0.14 | 20.1 | 20.4 | 413.3 | 329.3 |
| 8/22/2019 | 12.6 | 0.28 | 12.0 | 13.2 | 268.3 | 180.3 | 20.3 | 0.07 | 20.2 | 20.4 | 433.6 | 345.6 |
| 8/23/2019 | 12.3 | 0.26 | 12.0 | 13.0 | 280.6 | 188.6 | 20.2 | 0.19 | 20.0 | 20.5 | 453.9 | 361.9 |
| 8/24/2019 | 17.3 | 2.88 | 12.8 | 19.4 | 297.9 | 201.9 | 19.4 | 0.29 | 19.0 | 20.0 | 473.3 | 377.3 |
| 8/25/2019 | 18.1 | 1.08 | 16.6 | 19.0 | 316.0 | 216.0 | 19.2 | 0.19 | 18.9 | 19.5 | 492.5 | 392.5 |
| 8/26/2019 | 14.3 | 1.81 | 11.3 | 16.5 | 330.4 | 226.4 | 19.2 | 0.14 | 19.0 | 19.4 | 511.7 | 407.7 |
| 8/27/2019 | 13.8 | 2.22 | 11.1 | 17.2 | 344.2 | 236.2 | 18.7 | 0.13 | 18.6 | 19.0 | 530.5 | 422.5 |
| 8/28/2019 | 13.9 | 0.81 | 12.7 | 15.8 | 358.1 | 246.1 | 18.7 | 0.13 | 18.5 | 18.9 | 549.2 | 437.2 |
| 8/29/2019 | 12.2 | 0.98 | 10.8 | 13.7 | 370.3 | 254.3 | 18.6 | 0.14 | 18.4 | 18.9 | 567.8 | 451.8 |
| 8/30/2019 | 10.9 | 0.21 | 10.5 | 11.3 | 381.2 | 261.2 | 18.8 | 0.21 | 18.6 | 19.1 | 586.6 | 466.6 |
| 8/31/2019 | 11.5 | 0.53 | 10.5 | 12.4 | 392.6 | 268.6 | 18.9 | 0.13 | 18.7 | 19.2 | 605.6 | 481.6 |

September

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/1/2019 | 14.5 | 2.56 | 11.5 | 18.6 | 14.5 | 10.5 | 18.7 | 0.09 | 18.6 | 18.9 | 18.7 | 14.7 |
| 9/2/2019 | 13.5 | 0.39 | 13.0 | 14.3 | 28.0 | 20.0 | 18.6 | 0.10 | 18.5 | 18.8 | 37.3 | 29.3 |
| 9/3/2019 | 12.3 | 0.32 | 11.9 | 12.9 | 40.3 | 28.3 | 18.5 | 0.14 | 18.2 | 18.7 | 55.9 | 43.9 |
| 9/4/2019 | 11.8 | 0.62 | 11.0 | 12.5 | 52.1 | 36.1 | 18.5 | 0.15 | 18.1 | 18.7 | 74.4 | 58.4 |
| 9/5/2019 | 11.7 | 0.63 | 11.0 | 13.3 | 63.8 | 43.8 | 18.1 | 0.24 | 17.6 | 18.5 | 92.5 | 72.5 |
| 9/6/2019 | 14.2 | 2.32 | 11.7 | 17.6 | 78.0 | 54.0 | 18.0 | 0.19 | 17.8 | 18.3 | 110.6 | 86.6 |
| 9/7/2019 | 14.6 | 1.52 | 12.6 | 16.9 | 92.6 | 64.6 | 17.4 | 0.61 | 16.4 | 18.1 | 128.0 | 100.0 |
| 9/8/2019 | 16.0 | 0.19 | 15.7 | 16.3 | 108.6 | 76.6 | 15.9 | 0.22 | 15.6 | 16.3 | 143.9 | 111.9 |
| 9/9/2019 | 15.8 | 0.12 | 15.6 | 16.0 | 124.4 | 88.4 | 15.8 | 0.19 | 15.5 | 16.2 | 159.7 | 123.7 |
| 9/10/2019 | 15.7 | 0.08 | 15.6 | 15.8 | 140.1 | 100.1 | 15.7 | 0.21 | 15.5 | 16.1 | 175.5 | 135.5 |
| 9/11/2019 | 15.6 | 0.30 | 15.2 | 15.9 | 155.7 | 111.7 | 15.8 | 0.16 | 15.5 | 16.1 | 191.2 | 147.2 |
| 9/12/2019 | 15.3 | 0.21 | 15.0 | 15.6 | 171.0 | 123.0 | 15.6 | 0.11 | 15.5 | 15.8 | 206.8 | 158.8 |
| 9/13/2019 | 15.2 | 0.55 | 14.3 | 15.7 | 186.2 | 134.2 | 15.6 | 0.14 | 15.4 | 15.9 | 222.5 | 170.5 |
| 9/14/2019 | 14.0 | 0.42 | 13.6 | 14.9 | 200.2 | 144.2 | 15.5 | 0.10 | 15.4 | 15.7 | 238.0 | 182.0 |
| 9/15/2019 | 13.4 | 0.08 | 13.3 | 13.6 | 213.6 | 153.6 | 15.4 | 0.08 | 15.3 | 15.6 | 253.4 | 193.4 |
| 9/16/2019 | 13.7 | 0.24 | 13.4 | 14.2 | 227.2 | 163.2 | 15.4 | 0.09 | 15.1 | 15.5 | 268.8 | 204.8 |
| 9/17/2019 | 15.0 | 0.33 | 14.2 | 15.3 | 242.3 | 174.3 | 15.1 | 0.12 | 14.9 | 15.3 | 283.9 | 215.9 |
| 9/18/2019 | 14.5 | 0.11 | 14.4 | 14.7 | 256.8 | 184.8 | 14.5 | 0.17 | 14.2 | 14.8 | 298.4 | 226.4 |
| 9/19/2019 | 14.5 | 0.04 | 14.5 | 14.6 | 271.3 | 195.3 | 14.4 | 0.18 | 14.1 | 14.7 | 312.8 | 236.8 |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/20/2019 | 14.4 | 0.02 | 14.4 | 14.5 | 285.7 | 205.7 | 14.4 | 0.14 | 14.1 | 14.6 | 327.2 | 247.2 |
| 9/21/2019 | 14.5 | 0.15 | 14.4 | 14.7 | 300.3 | 216.3 | 14.7 | 0.06 | 14.6 | 14.8 | 341.9 | 257.9 |
| 9/22/2019 | 14.6 | 0.04 | 14.5 | 14.6 | 314.8 | 226.8 | 14.9 | 0.16 | 14.7 | 15.1 | 356.8 | 268.8 |
| 9/23/2019 | 14.4 | 0.08 | 14.3 | 14.5 | 329.2 | 237.2 | 14.9 | 0.04 | 14.8 | 14.9 | 371.6 | 279.6 |
| 9/24/2019 | 14.2 | 0.45 | 13.3 | 14.5 | 343.4 | 247.4 | 14.8 | 0.07 | 14.6 | 14.9 | 386.4 | 290.4 |
| 9/25/2019 | 13.0 | 0.15 | 12.8 | 13.3 | 356.5 | 256.5 | 14.7 | 0.14 | 14.5 | 14.9 | 401.1 | 301.1 |
| 9/26/2019 | 14.5 | 0.26 | 13.7 | 14.7 | 370.9 | 266.9 | 14.6 | 0.05 | 14.5 | 14.7 | 415.7 | 311.7 |
| 9/27/2019 | 14.4 | 0.09 | 14.3 | 14.6 | 385.4 | 277.4 | 14.5 | 0.14 | 14.3 | 14.8 | 430.3 | 322.3 |
| 9/28/2019 | 14.5 | 0.08 | 14.3 | 14.6 | 399.8 | 287.8 | 14.6 | 0.13 | 14.4 | 14.8 | 444.9 | 332.9 |
| 9/29/2019 | 14.3 | 0.29 | 13.8 | 14.6 | 414.1 | 298.1 | 14.6 | 0.11 | 14.4 | 14.7 | 459.5 | 343.5 |
| 9/30/2019 | 14.1 | 0.13 | 14.0 | 14.4 | 428.2 | 308.2 | 14.1 | 0.13 | 13.9 | 14.3 | 473.6 | 353.6 |

October

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/1/2019 | 14.0 | 0.03 | 14.0 | 14.1 | 14.0 | 10.0 | 13.9 | 0.08 | 13.8 | 14.0 | 13.9 | 9.9 |
| 10/2/2019 | 13.8 | 0.18 | 13.5 | 14.0 | 27.9 | 19.9 | 13.7 | 0.13 | 13.4 | 13.8 | 27.6 | 19.6 |
| 10/3/2019 | 13.1 | 0.24 | 12.4 | 13.3 | 41.0 | 29.0 | 13.0 | 0.27 | 12.4 | 13.2 | 40.6 | 28.6 |
| 10/4/2019 | 12.8 | 0.10 | 12.6 | 13.0 | 53.8 | 37.8 | 12.6 | 0.22 | 12.2 | 12.9 | 53.2 | 37.2 |
| 10/5/2019 | 12.2 | 0.37 | 11.1 | 12.5 | 66.0 | 46.0 | 12.2 | 0.23 | 11.6 | 12.4 | 65.5 | 45.5 |
| 10/6/2019 | 12.2 | 0.05 | 12.1 | 12.3 | 78.2 | 54.2 | 12.0 | 0.29 | 11.5 | 12.2 | 77.5 | 53.5 |
| 10/7/2019 | 12.1 | 0.14 | 11.9 | 12.3 | 90.3 | 62.3 | 12.0 | 0.12 | 11.8 | 12.2 | 89.5 | 61.5 |
| 10/8/2019 | 12.0 | 0.01 | 12.0 | 12.0 | 102.3 | 70.3 | 12.1 | 0.07 | 12.0 | 12.2 | 101.6 | 69.6 |
| 10/9/2019 | 12.0 | 0.02 | 12.0 | 12.1 | 114.4 | 78.4 | 12.1 | 0.09 | 11.9 | 12.3 | 113.7 | 77.7 |
| 10/10/2019 | 12.0 | 0.03 | 12.0 | 12.1 | 126.4 | 86.4 | 12.2 | 0.04 | 12.1 | 12.2 | 125.9 | 85.9 |
| 10/11/2019 | 12.0 | 0.01 | 11.9 | 12.0 | 138.4 | 94.4 | 12.1 | 0.06 | 12.1 | 12.2 | 138.0 | 94.0 |
| 10/12/2019 | 11.9 | 0.05 | 11.8 | 11.9 | 150.2 | 102.2 | 11.8 | 0.09 | 11.7 | 12.0 | 149.8 | 101.8 |
| 10/13/2019 | 11.8 | 0.05 | 11.7 | 11.8 | 162.0 | 110.0 | 11.7 | 0.03 | 11.7 | 11.8 | 161.6 | 109.6 |
| 10/14/2019 | 11.9 | 0.02 | 11.9 | 11.9 | 173.9 | 117.9 | 11.8 | 0.06 | 11.8 | 11.9 | 173.4 | 117.4 |
| 10/15/2019 | 11.8 | 0.03 | 11.8 | 11.9 | 185.7 | 125.7 | 11.9 | 0.06 | 11.9 | 12.0 | 185.3 | 125.3 |
| 10/16/2019 | 11.8 | 0.02 | 11.8 | 11.9 | 197.5 | 133.5 | 11.9 | 0.06 | 11.9 | 12.0 | 197.3 | 133.3 |
| 10/17/2019 | 11.8 | 0.04 | 11.7 | 11.8 | 209.3 | 141.3 | 11.7 | 0.06 | 11.6 | 11.8 | 209.0 | 141.0 |
| 10/18/2019 | 11.4 | 0.19 | 11.2 | 11.7 | 220.7 | 148.7 | 11.6 | 0.03 | 11.5 | 11.6 | 220.6 | 148.6 |
| 10/19/2019 | 11.4 | 0.05 | 11.4 | 11.5 | 232.2 | 156.2 | 11.4 | 0.06 | 11.3 | 11.5 | 232.0 | 156.0 |
| 10/20/2019 | 11.3 | 0.08 | 11.2 | 11.4 | 243.5 | 163.5 | 11.2 | 0.13 | 10.9 | 11.4 | 243.2 | 163.2 |
| 10/21/2019 | 11.3 | 0.03 | 11.3 | 11.4 | 254.8 | 170.8 | 11.2 | 0.17 | 10.9 | 11.5 | 254.4 | 170.4 |
| 10/22/2019 | 11.3 | 0.02 | 11.3 | 11.4 | 266.2 | 178.2 | 11.1 | 0.15 | 10.9 | 11.4 | 265.6 | 177.6 |
| 10/23/2019 | 11.3 | 0.04 | 11.2 | 11.3 | 277.4 | 185.4 | 11.2 | 0.03 | 11.1 | 11.2 | 276.7 | 184.7 |
| 10/24/2019 | 10.8 | 0.10 | 10.6 | 11.0 | 288.2 | 192.2 | 11.0 | 0.04 | 10.9 | 11.1 | 287.7 | 191.7 |
| 10/25/2019 | 10.9 | 0.04 | 10.8 | 10.9 | 299.1 | 199.1 | 10.8 | 0.06 | 10.8 | 11.0 | 298.6 | 198.6 |
| 10/26/2019 | 10.8 | 0.07 | 10.6 | 10.9 | 309.9 | 205.9 | 10.7 | 0.07 | 10.6 | 10.8 | 309.3 | 205.3 |
| 10/27/2019 | 10.5 | 0.04 | 10.4 | 10.6 | 320.4 | 212.4 | 10.5 | 0.10 | 10.3 | 10.6 | 319.7 | 211.7 |
| 10/28/2019 | 10.5 | 0.02 | 10.5 | 10.6 | 330.9 | 218.9 | 10.2 | 0.13 | 10.1 | 10.4 | 329.9 | 217.9 |
| 10/29/2019 | 10.5 | 0.02 | 10.5 | 10.6 | 341.4 | 225.4 | 10.0 | 0.08 | 9.8 | 10.1 | 339.9 | 223.9 |
| 10/30/2019 | 10.5 | 0.04 | 10.4 | 10.5 | 351.9 | 231.9 | 10.2 | 0.19 | 9.9 | 10.4 | 350.1 | 230.1 |
| 10/31/2019 | 10.5 | 0.03 | 10.5 | 10.6 | 362.4 | 238.4 | 10.3 | 0.11 | 10.2 | 10.5 | 360.4 | 236.4 |

November

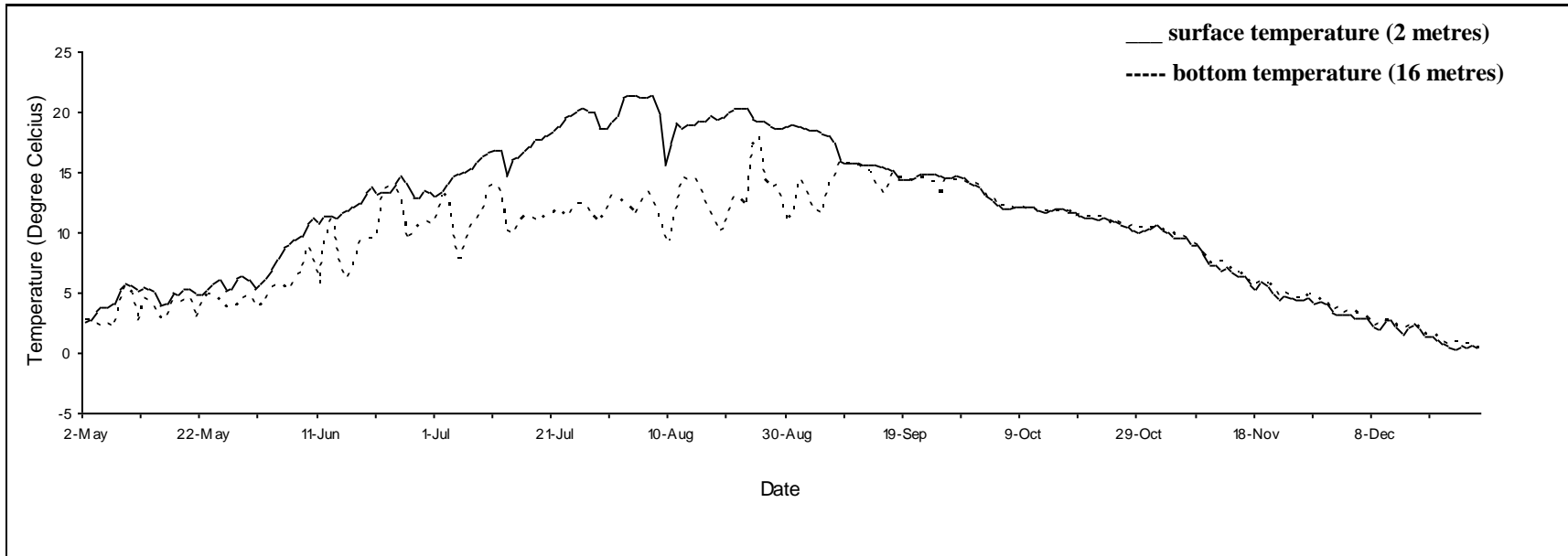
| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 11/1/2019 | 10.5 | 0.11 | 10.3 | 10.7 | 10.5 | 6.5 | 10.6 | 0.09 | 10.5 | 10.8 | 10.6 | 6.6 |
| 11/2/2019 | 10.2 | 0.13 | 10.1 | 10.4 | 20.7 | 12.7 | 10.2 | 0.14 | 10.1 | 10.5 | 20.8 | 12.8 |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 11/3/2019 | 10.1 | 0.01 | 10.1 | 10.1 | 30.8 | 18.8 | 10.0 | 0.07 | 9.9 | 10.1 | 30.8 | 18.8 |
| 11/4/2019 | 9.8 | 0.15 | 9.7 | 10.1 | 40.6 | 24.6 | 9.6 | 0.17 | 9.4 | 9.9 | 40.4 | 24.4 |
| 11/5/2019 | 9.7 | 0.07 | 9.6 | 9.8 | 50.3 | 30.3 | 9.5 | 0.20 | 9.1 | 9.7 | 49.9 | 29.9 |
| 11/6/2019 | 9.6 | 0.08 | 9.5 | 9.7 | 59.9 | 35.9 | 9.6 | 0.11 | 9.4 | 9.7 | 59.5 | 35.5 |
| 11/7/2019 | 9.3 | 0.08 | 9.1 | 9.4 | 69.2 | 41.2 | 8.9 | 0.33 | 8.3 | 9.3 | 68.4 | 40.4 |
| 11/8/2019 | 9.0 | 0.14 | 8.8 | 9.2 | 78.2 | 46.2 | 8.9 | 0.10 | 8.8 | 9.1 | 77.3 | 45.3 |
| 11/9/2019 | 8.2 | 0.23 | 7.9 | 8.8 | 86.4 | 50.4 | 8.2 | 0.22 | 7.8 | 8.7 | 85.4 | 49.4 |
| 11/10/2019 | 7.5 | 0.25 | 7.1 | 7.9 | 93.9 | 53.9 | 7.3 | 0.36 | 6.9 | 7.9 | 92.8 | 52.8 |
| 11/11/2019 | 7.4 | 0.13 | 7.2 | 7.6 | 101.3 | 57.3 | 7.3 | 0.12 | 7.1 | 7.5 | 100.0 | 56.0 |
| 11/12/2019 | 7.5 | 0.54 | 7.0 | 8.2 | 108.8 | 60.8 | 6.9 | 0.51 | 6.2 | 7.9 | 106.9 | 58.9 |
| 11/13/2019 | 7.5 | 0.25 | 7.2 | 8.0 | 116.3 | 64.3 | 7.2 | 0.29 | 6.6 | 7.5 | 114.1 | 62.1 |
| 11/14/2019 | 6.8 | 0.69 | 5.3 | 7.3 | 123.0 | 67.0 | 6.7 | 0.84 | 4.8 | 7.3 | 120.7 | 64.7 |
| 11/15/2019 | 6.7 | 0.21 | 6.4 | 7.2 | 129.7 | 69.7 | 6.4 | 0.47 | 5.7 | 7.1 | 127.1 | 67.1 |
| 11/16/2019 | 6.4 | 0.36 | 5.7 | 6.8 | 136.1 | 72.1 | 6.3 | 0.37 | 5.5 | 6.7 | 133.4 | 69.4 |
| 11/17/2019 | 5.7 | 0.87 | 4.1 | 6.5 | 141.8 | 73.8 | 5.6 | 1.04 | 2.9 | 6.4 | 139.0 | 71.0 |
| 11/18/2019 | 5.7 | 0.21 | 5.5 | 6.1 | 147.6 | 75.6 | 5.2 | 0.58 | 4.5 | 6.0 | 144.3 | 72.3 |
| 11/19/2019 | 6.0 | 0.34 | 5.1 | 6.3 | 153.6 | 77.6 | 5.9 | 0.35 | 5.0 | 6.3 | 150.2 | 74.2 |
| 11/20/2019 | 5.8 | 0.13 | 5.6 | 6.0 | 159.3 | 79.3 | 5.4 | 0.73 | 3.6 | 5.9 | 155.6 | 75.6 |
| 11/21/2019 | 5.5 | 0.39 | 4.8 | 5.9 | 164.8 | 80.8 | 4.9 | 0.57 | 4.2 | 5.8 | 160.5 | 76.5 |
| 11/22/2019 | 4.8 | 0.23 | 4.5 | 5.2 | 169.6 | 81.6 | 4.4 | 0.21 | 4.1 | 4.8 | 164.9 | 76.9 |
| 11/23/2019 | 4.9 | 0.45 | 3.9 | 5.4 | 174.5 | 82.5 | 4.7 | 0.44 | 3.6 | 5.1 | 169.6 | 77.6 |
| 11/24/2019 | 4.7 | 0.14 | 4.3 | 4.8 | 179.2 | 83.2 | 4.5 | 0.12 | 4.3 | 4.7 | 174.1 | 78.1 |
| 11/25/2019 | 4.5 | 0.23 | 4.2 | 4.8 | 183.8 | 83.8 | 4.4 | 0.23 | 4.0 | 4.7 | 178.5 | 78.5 |
| 11/26/2019 | 4.6 | 0.44 | 3.6 | 4.9 | 188.4 | 84.4 | 4.3 | 0.50 | 3.3 | 4.8 | 182.8 | 78.8 |
| 11/27/2019 | 4.8 | 0.14 | 4.6 | 5.1 | 193.2 | 85.2 | 4.5 | 0.39 | 3.9 | 5.0 | 187.3 | 79.3 |
| 11/28/2019 | 4.6 | 0.13 | 4.4 | 4.8 | 197.8 | 85.8 | 4.1 | 0.39 | 3.6 | 4.6 | 191.4 | 79.4 |
| 11/29/2019 | 4.3 | 0.35 | 3.7 | 4.8 | 202.1 | 86.1 | 4.2 | 0.35 | 3.7 | 4.8 | 195.6 | 79.6 |
| 11/30/2019 | 4.2 | 0.21 | 3.7 | 4.4 | 206.3 | 86.3 | 4.1 | 0.20 | 3.6 | 4.3 | 199.8 | 79.8 |

December

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 12/1/2019 | 3.6 | 0.50 | 2.7 | 4.1 | 3.6 | 0.0 | 3.4 | 0.54 | 2.5 | 3.8 | 3.4 | 0.0 |
| 12/2/2019 | 3.7 | 0.10 | 3.5 | 3.8 | 7.3 | 0.0 | 3.2 | 0.72 | 1.8 | 3.8 | 6.6 | 0.0 |
| 12/3/2019 | 3.4 | 0.28 | 3.0 | 3.8 | 10.7 | 0.0 | 3.2 | 0.38 | 2.8 | 3.7 | 9.8 | 0.0 |
| 12/4/2019 | 3.6 | 0.09 | 3.4 | 3.7 | 14.2 | 0.0 | 3.1 | 0.24 | 2.8 | 3.5 | 12.9 | 0.0 |
| 12/5/2019 | 3.3 | 0.06 | 3.2 | 3.4 | 17.5 | 0.0 | 2.9 | 0.13 | 2.5 | 3.0 | 15.7 | 0.0 |
| 12/6/2019 | 3.2 | 0.14 | 3.0 | 3.4 | 20.8 | 0.0 | 2.8 | 0.25 | 2.2 | 3.1 | 18.6 | 0.0 |
| 12/7/2019 | 2.9 | 0.25 | 2.4 | 3.1 | 23.7 | 0.0 | 2.8 | 0.25 | 2.4 | 3.0 | 21.4 | 0.0 |
| 12/8/2019 | 2.3 | 0.19 | 2.0 | 2.5 | 26.0 | 0.0 | 2.2 | 0.17 | 1.9 | 2.4 | 23.6 | 0.0 |
| 12/9/2019 | 2.6 | 0.07 | 2.5 | 2.7 | 28.6 | 0.0 | 2.0 | 0.49 | 1.2 | 2.5 | 25.6 | 0.0 |
| 12/10/2019 | 2.8 | 0.11 | 2.6 | 3.0 | 31.4 | 0.0 | 2.8 | 0.14 | 2.5 | 3.1 | 28.3 | 0.0 |
| 12/11/2019 | 2.8 | 0.19 | 2.5 | 3.0 | 34.2 | 0.0 | 2.7 | 0.20 | 2.4 | 3.1 | 31.0 | 0.0 |
| 12/12/2019 | 2.2 | 0.09 | 2.0 | 2.4 | 36.4 | 0.0 | 2.1 | 0.12 | 1.9 | 2.3 | 33.1 | 0.0 |
| 12/13/2019 | 2.1 | 0.29 | 1.6 | 2.4 | 38.5 | 0.0 | 1.6 | 0.54 | 0.6 | 2.0 | 34.6 | 0.0 |
| 12/14/2019 | 2.3 | 0.08 | 2.1 | 2.3 | 40.7 | 0.0 | 2.1 | 0.15 | 1.8 | 2.3 | 36.7 | 0.0 |
| 12/15/2019 | 2.4 | 0.09 | 2.3 | 2.5 | 43.2 | 0.0 | 2.4 | 0.08 | 2.3 | 2.5 | 39.1 | 0.0 |
| 12/16/2019 | 2.0 | 0.13 | 1.9 | 2.3 | 45.2 | 0.0 | 2.0 | 0.13 | 1.8 | 2.2 | 41.1 | 0.0 |
| 12/17/2019 | 1.6 | 0.26 | 1.0 | 1.8 | 46.7 | 0.0 | 1.3 | 0.51 | 0.3 | 1.7 | 42.4 | 0.0 |
| 12/18/2019 | 1.7 | 0.08 | 1.5 | 1.8 | 48.4 | 0.0 | 1.4 | 0.30 | 0.8 | 1.7 | 43.8 | 0.0 |
| 12/19/2019 | 1.3 | 0.22 | 1.0 | 1.7 | 49.7 | 0.0 | 1.1 | 0.31 | 0.5 | 1.6 | 44.8 | 0.0 |
| 12/20/2019 | 0.8 | 0.19 | 0.4 | 1.1 | 50.6 | 0.0 | 0.7 | 0.38 | -0.3 | 1.0 | 45.5 | 0.0 |
| 12/21/2019 | 0.6 | 0.12 | 0.4 | 0.9 | 51.2 | 0.0 | 0.4 | 0.25 | 0.0 | 0.8 | 45.9 | 0.0 |
| 12/22/2019 | 0.9 | 0.28 | 0.6 | 1.3 | 52.1 | 0.0 | 0.3 | 0.15 | 0.0 | 0.5 | 46.2 | 0.0 |
| 12/23/2019 | 0.9 | 0.20 | 0.7 | 1.2 | 53.0 | 0.0 | 0.6 | 0.20 | 0.1 | 0.8 | 46.8 | 0.0 |
| 12/24/2019 | 0.7 | 0.08 | 0.6 | 0.8 | 53.7 | 0.0 | 0.5 | 0.27 | 0.0 | 0.7 | 47.2 | 0.0 |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 12/25/2019 | 0.7 | 0.12 | 0.4 | 0.8 | 54.4 | 0.0 | 0.6 | 0.13 | 0.3 | 0.7 | 47.8 | 0.0 |
| 12/26/2019 | 0.4 | 0.16 | 0.0 | 0.6 | 54.8 | 0.0 | 0.3 | 0.30 | -0.4 | 0.5 | 48.1 | 0.0 |



Daily mean temperature for Malpeque, P.E.I., 2019.

Margaree, N.S.

2019

May

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 5/9/2019 | 5.4 | 1.11 | 3.4 | 7.0 | 5.4 | 1.4 | NA | NA | NA | NA | NA | NA |
| 5/10/2019 | 2.9 | 1.10 | 1.8 | 4.9 | 8.3 | 1.4 | NA | NA | NA | NA | NA | NA |
| 5/11/2019 | 2.0 | 0.29 | 1.8 | 2.8 | 10.3 | 1.4 | NA | NA | NA | NA | NA | NA |
| 5/12/2019 | 3.1 | 0.22 | 2.7 | 3.4 | 13.4 | 1.4 | NA | NA | NA | NA | NA | NA |
| 5/13/2019 | 3.2 | 0.15 | 2.9 | 3.5 | 16.6 | 1.4 | NA | NA | NA | NA | NA | NA |
| 5/14/2019 | 2.8 | 0.36 | 2.3 | 3.3 | 19.4 | 1.4 | NA | NA | NA | NA | NA | NA |
| 5/15/2019 | 1.8 | 0.58 | 0.9 | 2.8 | 21.2 | 1.4 | NA | NA | NA | NA | NA | NA |
| 5/16/2019 | 1.6 | 0.43 | 1.1 | 2.5 | 22.8 | 1.4 | NA | NA | NA | NA | NA | NA |
| 5/17/2019 | 2.1 | 0.34 | 1.6 | 2.6 | 24.9 | 1.4 | NA | NA | NA | NA | NA | NA |
| 5/18/2019 | 2.7 | 0.15 | 2.4 | 2.9 | 27.6 | 1.4 | NA | NA | NA | NA | NA | NA |
| 5/19/2019 | 2.0 | 0.30 | 1.5 | 2.4 | 29.6 | 1.4 | NA | NA | NA | NA | NA | NA |
| 5/20/2019 | 2.4 | 0.18 | 2.1 | 2.8 | 32.0 | 1.4 | NA | NA | NA | NA | NA | NA |
| 5/21/2019 | 2.0 | 0.40 | 1.6 | 3.0 | 34.0 | 1.4 | NA | NA | NA | NA | NA | NA |
| 5/22/2019 | 1.8 | 0.70 | 1.0 | 3.0 | 35.8 | 1.4 | NA | NA | NA | NA | NA | NA |
| 5/23/2019 | 1.4 | 0.35 | 0.9 | 1.9 | 37.2 | 1.4 | NA | NA | NA | NA | NA | NA |
| 5/24/2019 | 1.8 | 0.28 | 1.3 | 2.2 | 39.0 | 1.4 | NA | NA | NA | NA | NA | NA |
| 5/25/2019 | 2.3 | 0.28 | 2.0 | 2.9 | 41.3 | 1.4 | NA | NA | NA | NA | NA | NA |
| 5/26/2019 | 3.3 | 0.59 | 2.8 | 4.6 | 44.6 | 1.4 | NA | NA | NA | NA | NA | NA |
| 5/27/2019 | 4.3 | 0.34 | 3.8 | 4.9 | 48.9 | 1.7 | NA | NA | NA | NA | NA | NA |
| 5/28/2019 | 5.4 | 0.33 | 4.9 | 6.0 | 54.3 | 3.2 | NA | NA | NA | NA | NA | NA |
| 5/29/2019 | 5.8 | 0.37 | 5.1 | 6.3 | 60.2 | 5.0 | NA | NA | NA | NA | NA | NA |
| 5/30/2019 | 6.2 | 0.08 | 6.1 | 6.4 | 66.4 | 7.2 | NA | NA | NA | NA | NA | NA |
| 5/31/2019 | 6.1 | 0.15 | 5.8 | 6.3 | 72.5 | 9.3 | NA | NA | NA | NA | NA | NA |

June

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/1/2019 | 6.3 | 0.13 | 6.2 | 6.5 | 6.3 | 2.3 | NA | NA | NA | NA | NA | NA |
| 6/2/2019 | 6.0 | 0.90 | 3.4 | 6.7 | 12.3 | 4.3 | NA | NA | NA | NA | NA | NA |
| 6/3/2019 | 5.2 | 0.86 | 3.0 | 5.8 | 17.6 | 5.6 | NA | NA | NA | NA | NA | NA |
| 6/4/2019 | 6.5 | 0.39 | 5.8 | 7.0 | 24.1 | 8.1 | NA | NA | NA | NA | NA | NA |
| 6/5/2019 | 6.5 | 0.41 | 5.8 | 7.1 | 30.6 | 10.6 | NA | NA | NA | NA | NA | NA |
| 6/6/2019 | 7.0 | 0.19 | 6.7 | 7.3 | 37.6 | 13.6 | NA | NA | NA | NA | NA | NA |
| 6/7/2019 | 7.3 | 0.20 | 7.0 | 7.6 | 44.8 | 16.8 | NA | NA | NA | NA | NA | NA |
| 6/8/2019 | 7.1 | 0.49 | 6.5 | 8.2 | 52.0 | 20.0 | NA | NA | NA | NA | NA | NA |
| 6/9/2019 | 6.9 | 0.50 | 6.2 | 8.3 | 58.9 | 22.9 | NA | NA | NA | NA | NA | NA |
| 6/10/2019 | 7.0 | 0.54 | 6.2 | 8.0 | 65.8 | 25.8 | NA | NA | NA | NA | NA | NA |
| 6/11/2019 | 6.9 | 0.40 | 6.4 | 7.6 | 72.8 | 28.8 | NA | NA | NA | NA | NA | NA |
| 6/12/2019 | 8.2 | 0.95 | 7.1 | 9.4 | 81.0 | 33.0 | NA | NA | NA | NA | NA | NA |
| 6/13/2019 | 9.6 | 0.67 | 8.1 | 10.3 | 90.6 | 38.6 | NA | NA | NA | NA | NA | NA |
| 6/14/2019 | 8.1 | 1.58 | 5.3 | 9.7 | 98.6 | 42.6 | NA | NA | NA | NA | NA | NA |
| 6/15/2019 | 9.1 | 0.49 | 8.4 | 9.8 | 107.7 | 47.7 | NA | NA | NA | NA | NA | NA |
| 6/16/2019 | 9.4 | 0.48 | 8.5 | 10.0 | 117.2 | 53.2 | NA | NA | NA | NA | NA | NA |
| 6/17/2019 | 9.3 | 0.42 | 8.4 | 10.2 | 126.5 | 58.5 | NA | NA | NA | NA | NA | NA |
| 6/18/2019 | 9.7 | 0.77 | 8.2 | 10.8 | 136.2 | 64.2 | NA | NA | NA | NA | NA | NA |
| 6/19/2019 | 10.3 | 0.73 | 8.8 | 11.3 | 146.5 | 70.5 | NA | NA | NA | NA | NA | NA |
| 6/20/2019 | 10.7 | 0.89 | 9.2 | 11.8 | 157.2 | 77.2 | NA | NA | NA | NA | NA | NA |
| 6/21/2019 | 10.2 | 0.69 | 8.9 | 11.2 | 167.4 | 83.4 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/22/2019 | 8.1 | 2.51 | 4.6 | 12.4 | 175.5 | 87.5 | NA | NA | NA | NA | NA | NA |
| 6/23/2019 | 8.8 | 2.02 | 5.0 | 10.9 | 184.3 | 92.3 | NA | NA | NA | NA | NA | NA |
| 6/24/2019 | 10.1 | 1.66 | 6.5 | 11.5 | 194.4 | 98.4 | NA | NA | NA | NA | NA | NA |
| 6/25/2019 | 10.7 | 0.57 | 9.8 | 11.5 | 205.1 | 105.1 | NA | NA | NA | NA | NA | NA |
| 6/26/2019 | 10.2 | 0.43 | 9.5 | 10.9 | 215.3 | 111.3 | NA | NA | NA | NA | NA | NA |
| 6/27/2019 | 10.8 | 0.31 | 10.2 | 11.4 | 226.2 | 118.2 | NA | NA | NA | NA | NA | NA |
| 6/28/2019 | 11.1 | 0.20 | 10.8 | 11.4 | 237.2 | 125.2 | NA | NA | NA | NA | NA | NA |
| 6/29/2019 | 11.1 | 0.64 | 10.0 | 12.4 | 248.3 | 132.3 | NA | NA | NA | NA | NA | NA |
| 6/30/2019 | 11.2 | 0.57 | 10.3 | 12.1 | 259.5 | 139.5 | NA | NA | NA | NA | NA | NA |

July

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/1/2019 | 10.7 | 0.37 | 10.1 | 11.3 | 10.7 | 6.7 | NA | NA | NA | NA | NA | NA |
| 7/2/2019 | 7.9 | 1.36 | 5.9 | 10.2 | 18.6 | 10.6 | NA | NA | NA | NA | NA | NA |
| 7/3/2019 | 9.6 | 0.90 | 8.2 | 11.0 | 28.2 | 16.2 | NA | NA | NA | NA | NA | NA |
| 7/4/2019 | 11.3 | 0.59 | 10.1 | 12.3 | 39.6 | 23.6 | NA | NA | NA | NA | NA | NA |
| 7/5/2019 | 10.9 | 1.22 | 9.2 | 12.7 | 50.4 | 30.4 | NA | NA | NA | NA | NA | NA |
| 7/6/2019 | 11.5 | 1.17 | 9.9 | 13.2 | 62.0 | 38.0 | NA | NA | NA | NA | NA | NA |
| 7/7/2019 | 12.6 | 1.02 | 11.0 | 14.1 | 74.6 | 46.6 | NA | NA | NA | NA | NA | NA |
| 7/8/2019 | 13.1 | 1.71 | 10.8 | 15.7 | 87.7 | 55.7 | NA | NA | NA | NA | NA | NA |
| 7/9/2019 | 14.9 | 1.62 | 12.0 | 16.2 | 102.6 | 66.6 | NA | NA | NA | NA | NA | NA |
| 7/10/2019 | 13.0 | 2.17 | 10.1 | 16.2 | 115.6 | 75.6 | NA | NA | NA | NA | NA | NA |
| 7/11/2019 | 11.8 | 0.72 | 10.9 | 13.0 | 127.4 | 83.4 | NA | NA | NA | NA | NA | NA |
| 7/12/2019 | 11.9 | 0.49 | 11.0 | 12.6 | 139.3 | 91.3 | NA | NA | NA | NA | NA | NA |
| 7/13/2019 | 12.4 | 0.72 | 11.4 | 13.6 | 151.6 | 99.6 | NA | NA | NA | NA | NA | NA |
| 7/14/2019 | 13.3 | 0.52 | 12.6 | 14.1 | 165.0 | 109.0 | NA | NA | NA | NA | NA | NA |
| 7/15/2019 | 15.0 | 1.01 | 13.3 | 16.0 | 179.9 | 119.9 | NA | NA | NA | NA | NA | NA |
| 7/16/2019 | 15.6 | 0.76 | 14.2 | 16.3 | 195.5 | 131.5 | NA | NA | NA | NA | NA | NA |
| 7/17/2019 | 14.7 | 1.00 | 13.4 | 16.3 | 210.2 | 142.2 | NA | NA | NA | NA | NA | NA |
| 7/18/2019 | 15.0 | 1.22 | 12.8 | 16.7 | 225.2 | 153.2 | NA | NA | NA | NA | NA | NA |
| 7/19/2019 | 15.6 | 1.40 | 13.2 | 17.5 | 240.8 | 164.8 | NA | NA | NA | NA | NA | NA |
| 7/20/2019 | 15.9 | 1.80 | 13.0 | 17.9 | 256.7 | 176.7 | NA | NA | NA | NA | NA | NA |
| 7/21/2019 | 16.3 | 1.38 | 13.9 | 17.8 | 272.9 | 188.9 | NA | NA | NA | NA | NA | NA |
| 7/22/2019 | 16.1 | 1.24 | 14.0 | 17.9 | 289.1 | 201.1 | NA | NA | NA | NA | NA | NA |
| 7/23/2019 | 15.3 | 0.91 | 13.5 | 16.3 | 304.3 | 212.3 | NA | NA | NA | NA | NA | NA |
| 7/24/2019 | 15.1 | 1.33 | 12.7 | 16.5 | 319.4 | 223.4 | NA | NA | NA | NA | NA | NA |
| 7/25/2019 | 15.0 | 1.57 | 13.2 | 17.7 | 334.5 | 234.5 | NA | NA | NA | NA | NA | NA |
| 7/26/2019 | 15.3 | 0.96 | 13.8 | 17.0 | 349.8 | 245.8 | NA | NA | NA | NA | NA | NA |
| 7/27/2019 | 15.3 | 0.85 | 13.7 | 16.3 | 365.1 | 257.1 | NA | NA | NA | NA | NA | NA |
| 7/28/2019 | 16.6 | 0.89 | 15.4 | 18.5 | 381.7 | 269.7 | NA | NA | NA | NA | NA | NA |
| 7/29/2019 | 18.0 | 1.59 | 16.3 | 20.8 | 399.7 | 283.7 | NA | NA | NA | NA | NA | NA |
| 7/30/2019 | 19.0 | 0.95 | 17.0 | 20.1 | 418.7 | 298.7 | NA | NA | NA | NA | NA | NA |
| 7/31/2019 | 18.0 | 1.35 | 14.8 | 19.7 | 436.7 | 312.7 | NA | NA | NA | NA | NA | NA |

August

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/1/2019 | 17.9 | 1.38 | 14.6 | 19.7 | 17.9 | 13.9 | NA | NA | NA | NA | NA | NA |
| 8/2/2019 | 17.5 | 1.90 | 14.1 | 20.2 | 35.4 | 27.4 | NA | NA | NA | NA | NA | NA |
| 8/3/2019 | 18.4 | 2.46 | 15.6 | 22.5 | 53.8 | 41.8 | NA | NA | NA | NA | NA | NA |
| 8/4/2019 | 19.0 | 1.62 | 15.9 | 21.6 | 72.9 | 56.9 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/5/2019 | 19.9 | 1.47 | 17.7 | 21.9 | 92.7 | 72.7 | NA | NA | NA | NA | NA | NA |
| 8/6/2019 | 19.1 | 1.71 | 16.9 | 21.8 | 111.8 | 87.8 | NA | NA | NA | NA | NA | NA |
| 8/7/2019 | 18.6 | 1.25 | 16.8 | 20.2 | 130.5 | 102.5 | NA | NA | NA | NA | NA | NA |
| 8/8/2019 | 19.3 | 1.07 | 16.9 | 20.6 | 149.8 | 117.8 | NA | NA | NA | NA | NA | NA |
| 8/9/2019 | 19.3 | 2.02 | 16.2 | 21.7 | 169.1 | 133.1 | NA | NA | NA | NA | NA | NA |
| 8/10/2019 | 20.6 | 1.33 | 17.8 | 21.8 | 189.7 | 149.7 | NA | NA | NA | NA | NA | NA |
| 8/11/2019 | 20.9 | 0.90 | 19.1 | 22.0 | 210.6 | 166.6 | NA | NA | NA | NA | NA | NA |
| 8/12/2019 | 21.6 | 0.09 | 21.5 | 21.8 | 232.2 | 184.2 | NA | NA | NA | NA | NA | NA |
| 8/13/2019 | 21.5 | 0.14 | 21.2 | 21.7 | 253.7 | 201.7 | NA | NA | NA | NA | NA | NA |
| 8/14/2019 | 20.8 | 0.82 | 18.7 | 21.4 | 274.5 | 218.5 | NA | NA | NA | NA | NA | NA |
| 8/15/2019 | 19.0 | 2.57 | 14.0 | 21.5 | 293.4 | 233.4 | NA | NA | NA | NA | NA | NA |
| 8/16/2019 | 17.4 | 2.39 | 12.8 | 20.4 | 310.8 | 246.8 | NA | NA | NA | NA | NA | NA |
| 8/17/2019 | 19.2 | 1.75 | 16.1 | 21.1 | 329.9 | 261.9 | NA | NA | NA | NA | NA | NA |
| 8/18/2019 | 20.2 | 1.57 | 16.8 | 21.5 | 350.1 | 278.1 | NA | NA | NA | NA | NA | NA |
| 8/19/2019 | 21.4 | 0.23 | 20.9 | 21.6 | 371.5 | 295.5 | NA | NA | NA | NA | NA | NA |
| 8/20/2019 | 20.8 | 1.20 | 18.2 | 21.5 | 392.2 | 312.2 | NA | NA | NA | NA | NA | NA |
| 8/21/2019 | 20.1 | 1.29 | 18.1 | 21.2 | 412.4 | 328.4 | NA | NA | NA | NA | NA | NA |
| 8/22/2019 | 19.9 | 1.01 | 18.3 | 21.2 | 432.3 | 344.3 | NA | NA | NA | NA | NA | NA |
| 8/23/2019 | 20.9 | 0.66 | 18.9 | 21.4 | 453.2 | 361.2 | NA | NA | NA | NA | NA | NA |
| 8/24/2019 | 17.6 | 3.89 | 10.2 | 21.4 | 470.8 | 374.8 | NA | NA | NA | NA | NA | NA |
| 8/25/2019 | 10.6 | 0.85 | 9.8 | 12.7 | 481.4 | 381.4 | NA | NA | NA | NA | NA | NA |
| 8/26/2019 | 11.9 | 1.29 | 9.7 | 13.1 | 493.3 | 389.3 | NA | NA | NA | NA | NA | NA |
| 8/27/2019 | 11.7 | 1.35 | 9.6 | 13.9 | 505.0 | 397.0 | NA | NA | NA | NA | NA | NA |
| 8/28/2019 | 10.3 | 2.43 | 7.6 | 14.8 | 515.3 | 403.3 | NA | NA | NA | NA | NA | NA |
| 8/29/2019 | 14.5 | 1.25 | 12.1 | 15.8 | 529.8 | 413.8 | NA | NA | NA | NA | NA | NA |
| 8/30/2019 | 16.0 | 0.91 | 14.4 | 17.0 | 545.7 | 425.7 | NA | NA | NA | NA | NA | NA |
| 8/31/2019 | 17.1 | 0.74 | 15.6 | 18.1 | 562.9 | 438.9 | NA | NA | NA | NA | NA | NA |

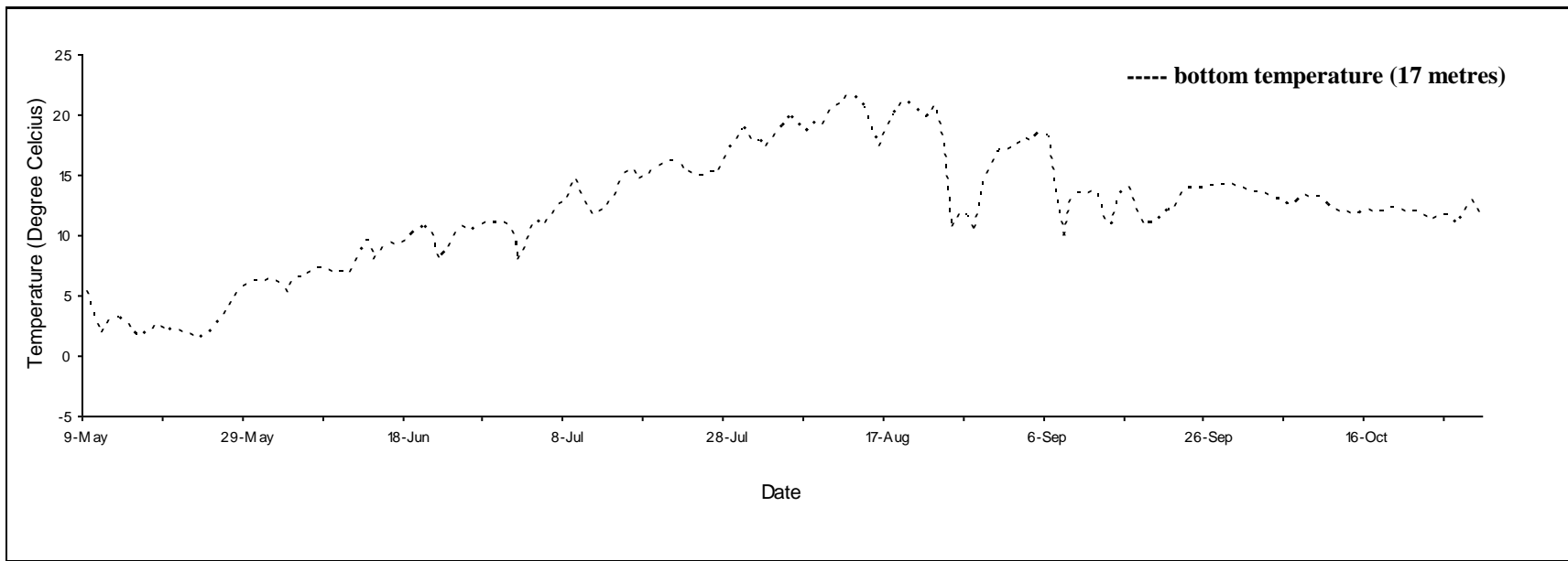
September

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/1/2019 | 17.1 | 0.97 | 15.2 | 18.6 | 17.1 | 13.1 | NA | NA | NA | NA | NA | NA |
| 9/2/2019 | 17.3 | 1.13 | 15.5 | 18.7 | 34.4 | 26.4 | NA | NA | NA | NA | NA | NA |
| 9/3/2019 | 18.2 | 0.77 | 16.4 | 18.8 | 52.6 | 40.6 | NA | NA | NA | NA | NA | NA |
| 9/4/2019 | 17.9 | 1.02 | 15.5 | 18.7 | 70.5 | 54.5 | NA | NA | NA | NA | NA | NA |
| 9/5/2019 | 18.5 | 0.62 | 17.1 | 19.0 | 89.1 | 69.1 | NA | NA | NA | NA | NA | NA |
| 9/6/2019 | 18.4 | 0.90 | 16.5 | 19.0 | 107.5 | 83.5 | NA | NA | NA | NA | NA | NA |
| 9/7/2019 | 13.7 | 4.68 | 4.5 | 18.2 | 121.2 | 93.2 | NA | NA | NA | NA | NA | NA |
| 9/8/2019 | 9.6 | 3.10 | 3.5 | 12.0 | 130.8 | 98.8 | NA | NA | NA | NA | NA | NA |
| 9/9/2019 | 13.1 | 0.32 | 12.3 | 13.4 | 144.0 | 108.0 | NA | NA | NA | NA | NA | NA |
| 9/10/2019 | 13.4 | 0.31 | 13.0 | 13.8 | 157.4 | 117.4 | NA | NA | NA | NA | NA | NA |
| 9/11/2019 | 13.5 | 0.05 | 13.5 | 13.6 | 170.9 | 126.9 | NA | NA | NA | NA | NA | NA |
| 9/12/2019 | 13.9 | 0.69 | 12.3 | 14.5 | 184.8 | 136.8 | NA | NA | NA | NA | NA | NA |
| 9/13/2019 | 11.3 | 0.35 | 10.9 | 12.1 | 196.1 | 144.1 | NA | NA | NA | NA | NA | NA |
| 9/14/2019 | 10.9 | 0.65 | 9.9 | 12.0 | 207.0 | 151.0 | NA | NA | NA | NA | NA | NA |
| 9/15/2019 | 13.4 | 0.59 | 11.7 | 13.9 | 220.4 | 160.4 | NA | NA | NA | NA | NA | NA |
| 9/16/2019 | 14.1 | 0.25 | 13.6 | 14.4 | 234.4 | 170.4 | NA | NA | NA | NA | NA | NA |
| 9/17/2019 | 12.4 | 1.11 | 10.8 | 13.9 | 246.8 | 178.8 | NA | NA | NA | NA | NA | NA |
| 9/18/2019 | 10.8 | 0.21 | 10.6 | 11.3 | 257.6 | 185.6 | NA | NA | NA | NA | NA | NA |
| 9/19/2019 | 11.1 | 0.12 | 10.8 | 11.2 | 268.8 | 192.8 | NA | NA | NA | NA | NA | NA |
| 9/20/2019 | 11.3 | 0.16 | 11.1 | 11.7 | 280.1 | 200.1 | NA | NA | NA | NA | NA | NA |
| 9/21/2019 | 12.1 | 0.16 | 11.8 | 12.3 | 292.1 | 208.1 | NA | NA | NA | NA | NA | NA |
| 9/22/2019 | 12.3 | 0.33 | 11.9 | 12.9 | 304.5 | 216.5 | NA | NA | NA | NA | NA | NA |
| 9/23/2019 | 13.7 | 0.32 | 13.0 | 14.1 | 318.2 | 226.2 | NA | NA | NA | NA | NA | NA |
| 9/24/2019 | 14.0 | 0.12 | 13.8 | 14.1 | 332.2 | 236.2 | NA | NA | NA | NA | NA | NA |
| 9/25/2019 | 14.0 | 0.10 | 13.8 | 14.1 | 346.2 | 246.2 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/26/2019 | 14.1 | 0.20 | 13.6 | 14.2 | 360.2 | 256.2 | NA | NA | NA | NA | NA | NA |
| 9/27/2019 | 14.1 | 0.22 | 13.8 | 14.4 | 374.3 | 266.3 | NA | NA | NA | NA | NA | NA |
| 9/28/2019 | 14.3 | 0.04 | 14.2 | 14.3 | 388.6 | 276.6 | NA | NA | NA | NA | NA | NA |
| 9/29/2019 | 14.2 | 0.09 | 14.1 | 14.4 | 402.8 | 286.8 | NA | NA | NA | NA | NA | NA |
| 9/30/2019 | 14.1 | 0.03 | 14.0 | 14.1 | 416.9 | 296.9 | NA | NA | NA | NA | NA | NA |

October

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/1/2019 | 13.7 | 0.09 | 13.6 | 13.9 | 13.7 | 9.7 | NA | NA | NA | NA | NA | NA |
| 10/2/2019 | 13.6 | 0.03 | 13.6 | 13.6 | 27.4 | 19.4 | NA | NA | NA | NA | NA | NA |
| 10/3/2019 | 13.5 | 0.09 | 13.4 | 13.6 | 40.8 | 28.8 | NA | NA | NA | NA | NA | NA |
| 10/4/2019 | 13.2 | 0.07 | 13.2 | 13.4 | 54.1 | 38.1 | NA | NA | NA | NA | NA | NA |
| 10/5/2019 | 13.1 | 0.25 | 12.8 | 13.4 | 67.2 | 47.2 | NA | NA | NA | NA | NA | NA |
| 10/6/2019 | 12.5 | 0.12 | 12.4 | 12.8 | 79.7 | 55.7 | NA | NA | NA | NA | NA | NA |
| 10/7/2019 | 12.8 | 0.14 | 12.4 | 12.9 | 92.5 | 64.5 | NA | NA | NA | NA | NA | NA |
| 10/8/2019 | 13.4 | 0.23 | 13.0 | 13.6 | 105.8 | 73.8 | NA | NA | NA | NA | NA | NA |
| 10/9/2019 | 13.2 | 0.31 | 12.7 | 13.5 | 119.0 | 83.0 | NA | NA | NA | NA | NA | NA |
| 10/10/2019 | 13.3 | 0.23 | 12.9 | 13.5 | 132.3 | 92.3 | NA | NA | NA | NA | NA | NA |
| 10/11/2019 | 12.6 | 0.26 | 12.0 | 13.1 | 144.9 | 100.9 | NA | NA | NA | NA | NA | NA |
| 10/12/2019 | 12.1 | 0.31 | 11.7 | 12.6 | 157.0 | 109.0 | NA | NA | NA | NA | NA | NA |
| 10/13/2019 | 12.0 | 0.30 | 11.6 | 12.6 | 169.0 | 117.0 | NA | NA | NA | NA | NA | NA |
| 10/14/2019 | 11.8 | 0.07 | 11.7 | 11.9 | 180.8 | 124.8 | NA | NA | NA | NA | NA | NA |
| 10/15/2019 | 11.8 | 0.20 | 11.6 | 12.2 | 192.6 | 132.6 | NA | NA | NA | NA | NA | NA |
| 10/16/2019 | 12.1 | 0.12 | 11.8 | 12.3 | 204.7 | 140.7 | NA | NA | NA | NA | NA | NA |
| 10/17/2019 | 11.9 | 0.24 | 11.5 | 12.2 | 216.6 | 148.6 | NA | NA | NA | NA | NA | NA |
| 10/18/2019 | 12.0 | 0.16 | 11.7 | 12.2 | 228.6 | 156.6 | NA | NA | NA | NA | NA | NA |
| 10/19/2019 | 12.2 | 0.06 | 12.1 | 12.3 | 240.9 | 164.9 | NA | NA | NA | NA | NA | NA |
| 10/20/2019 | 12.1 | 0.10 | 12.0 | 12.3 | 253.0 | 173.0 | NA | NA | NA | NA | NA | NA |
| 10/21/2019 | 12.0 | 0.01 | 12.0 | 12.0 | 265.0 | 181.0 | NA | NA | NA | NA | NA | NA |
| 10/22/2019 | 12.0 | 0.02 | 12.0 | 12.0 | 277.0 | 189.0 | NA | NA | NA | NA | NA | NA |
| 10/23/2019 | 11.7 | 0.41 | 10.6 | 12.0 | 288.7 | 196.7 | NA | NA | NA | NA | NA | NA |
| 10/24/2019 | 11.2 | 0.60 | 9.7 | 11.6 | 299.9 | 203.9 | NA | NA | NA | NA | NA | NA |
| 10/25/2019 | 11.7 | 0.06 | 11.6 | 11.7 | 311.6 | 211.6 | NA | NA | NA | NA | NA | NA |
| 10/26/2019 | 11.6 | 0.14 | 11.2 | 11.7 | 323.2 | 219.2 | NA | NA | NA | NA | NA | NA |
| 10/27/2019 | 10.9 | 0.05 | 10.9 | 11.1 | 334.1 | 226.1 | NA | NA | NA | NA | NA | NA |
| 10/28/2019 | 11.9 | 2.54 | 6.1 | 14.9 | 346.0 | 234.0 | NA | NA | NA | NA | NA | NA |
| 10/29/2019 | 13.0 | 0.46 | 12.4 | 13.8 | 359.0 | 243.0 | NA | NA | NA | NA | NA | NA |
| 10/30/2019 | 11.5 | 0.36 | 11.0 | 12.1 | 370.5 | 250.5 | NA | NA | NA | NA | NA | NA |



Daily mean temperature for Margaree, N.S., 2019.

Miscou, N.B.

2019

May

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 5/4/2019 | 0.5 | 0.15 | 0.3 | 0.8 | 0.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/5/2019 | 0.4 | 0.20 | 0.1 | 0.7 | 0.9 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/6/2019 | 0.4 | 0.37 | -0.1 | 1.0 | 1.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/7/2019 | 0.2 | 0.34 | -0.3 | 0.7 | 1.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/8/2019 | 1.0 | 0.98 | -0.1 | 2.5 | 2.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/9/2019 | 2.4 | 0.46 | 1.7 | 3.1 | 4.9 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/10/2019 | 2.5 | 0.94 | 0.8 | 3.6 | 7.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/11/2019 | 2.4 | 0.92 | 0.8 | 3.6 | 9.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/12/2019 | 3.3 | 1.50 | 1.1 | 5.0 | 13.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/13/2019 | 2.8 | 0.95 | 1.4 | 4.0 | 15.9 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/14/2019 | 2.5 | 0.85 | 1.3 | 3.9 | 18.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/15/2019 | 0.5 | 0.37 | -0.3 | 1.0 | 19.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/16/2019 | -0.1 | 0.15 | -0.4 | 0.0 | 19.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/17/2019 | 1.9 | 1.25 | 0.0 | 3.6 | 20.9 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/18/2019 | 3.5 | 0.38 | 3.0 | 4.3 | 24.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/19/2019 | 3.8 | 0.35 | 3.2 | 4.3 | 28.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/20/2019 | 3.7 | 0.57 | 2.8 | 4.7 | 31.9 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/21/2019 | 1.4 | 0.73 | 0.5 | 3.0 | 33.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/22/2019 | 0.8 | 0.78 | 0.1 | 2.5 | 34.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/23/2019 | 3.3 | 0.47 | 2.8 | 4.0 | 37.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/24/2019 | 4.5 | 0.49 | 4.1 | 5.6 | 41.9 | 0.5 | NA | NA | NA | NA | NA | NA |
| 5/25/2019 | 5.7 | 0.47 | 5.1 | 6.6 | 47.6 | 2.2 | NA | NA | NA | NA | NA | NA |
| 5/26/2019 | 5.6 | 0.62 | 4.5 | 6.4 | 53.2 | 3.8 | NA | NA | NA | NA | NA | NA |
| 5/27/2019 | 5.6 | 0.64 | 4.7 | 6.4 | 58.8 | 5.4 | NA | NA | NA | NA | NA | NA |
| 5/28/2019 | 5.7 | 0.72 | 4.4 | 6.7 | 64.6 | 7.2 | NA | NA | NA | NA | NA | NA |
| 5/29/2019 | 6.6 | 0.99 | 4.8 | 7.7 | 71.1 | 9.7 | NA | NA | NA | NA | NA | NA |
| 5/30/2019 | 4.1 | 1.01 | 2.3 | 5.7 | 75.2 | 9.8 | NA | NA | NA | NA | NA | NA |
| 5/31/2019 | 3.6 | 1.54 | 1.4 | 6.8 | 78.8 | 9.8 | NA | NA | NA | NA | NA | NA |

June

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/1/2019 | 4.4 | 0.80 | 3.3 | 5.6 | 4.4 | 0.4 | NA | NA | NA | NA | NA | NA |
| 6/2/2019 | 3.9 | 0.95 | 3.0 | 5.5 | 8.3 | 0.4 | NA | NA | NA | NA | NA | NA |
| 6/3/2019 | 2.0 | 0.61 | 1.2 | 2.9 | 10.2 | 0.4 | NA | NA | NA | NA | NA | NA |
| 6/4/2019 | 3.0 | 1.19 | 1.2 | 5.1 | 13.2 | 0.4 | NA | NA | NA | NA | NA | NA |
| 6/5/2019 | 4.4 | 1.02 | 2.9 | 6.0 | 17.6 | 0.8 | NA | NA | NA | NA | NA | NA |
| 6/6/2019 | 4.8 | 1.01 | 3.5 | 6.4 | 22.4 | 1.6 | NA | NA | NA | NA | NA | NA |
| 6/7/2019 | 3.9 | 1.26 | 2.3 | 5.5 | 26.3 | 1.6 | NA | NA | NA | NA | NA | NA |
| 6/8/2019 | 4.0 | 1.57 | 2.0 | 6.7 | 30.3 | 1.6 | NA | NA | NA | NA | NA | NA |
| 6/9/2019 | 5.4 | 1.30 | 3.5 | 7.1 | 35.8 | 3.0 | NA | NA | NA | NA | NA | NA |
| 6/10/2019 | 6.2 | 2.10 | 4.0 | 10.0 | 41.9 | 5.2 | NA | NA | NA | NA | NA | NA |
| 6/11/2019 | 5.0 | 0.76 | 3.9 | 6.1 | 46.9 | 6.2 | NA | NA | NA | NA | NA | NA |
| 6/12/2019 | 6.7 | 1.77 | 4.3 | 9.5 | 53.6 | 8.9 | NA | NA | NA | NA | NA | NA |
| 6/13/2019 | 8.5 | 1.32 | 6.4 | 10.6 | 62.1 | 13.3 | NA | NA | NA | NA | NA | NA |
| 6/14/2019 | 5.6 | 1.70 | 2.1 | 8.0 | 67.7 | 15.0 | NA | NA | NA | NA | NA | NA |
| 6/15/2019 | 4.1 | 1.27 | 1.5 | 6.3 | 71.8 | 15.0 | NA | NA | NA | NA | NA | NA |
| 6/16/2019 | 6.0 | 1.79 | 3.2 | 8.9 | 77.8 | 17.1 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/17/2019 | 6.2 | 1.39 | 4.4 | 8.4 | 84.0 | 19.3 | NA | NA | NA | NA | NA | NA |
| 6/18/2019 | 6.7 | 1.67 | 4.5 | 9.3 | 90.8 | 22.0 | NA | NA | NA | NA | NA | NA |
| 6/19/2019 | 6.5 | 1.95 | 4.0 | 9.7 | 97.3 | 24.6 | NA | NA | NA | NA | NA | NA |
| 6/20/2019 | 5.5 | 2.19 | 2.8 | 9.6 | 102.8 | 26.1 | NA | NA | NA | NA | NA | NA |
| 6/21/2019 | 4.8 | 2.18 | 1.7 | 7.6 | 107.7 | 26.9 | NA | NA | NA | NA | NA | NA |
| 6/22/2019 | 4.2 | 1.03 | 2.9 | 5.6 | 111.9 | 27.1 | NA | NA | NA | NA | NA | NA |
| 6/23/2019 | 7.5 | 1.63 | 5.4 | 10.5 | 119.3 | 30.6 | NA | NA | NA | NA | NA | NA |
| 6/24/2019 | 10.1 | 2.04 | 7.7 | 13.2 | 129.5 | 36.8 | NA | NA | NA | NA | NA | NA |
| 6/25/2019 | 10.4 | 2.38 | 6.5 | 13.6 | 139.9 | 43.2 | NA | NA | NA | NA | NA | NA |
| 6/26/2019 | 8.6 | 2.49 | 4.9 | 13.3 | 148.5 | 47.8 | NA | NA | NA | NA | NA | NA |
| 6/27/2019 | 7.7 | 1.59 | 5.8 | 9.9 | 156.1 | 51.4 | NA | NA | NA | NA | NA | NA |
| 6/28/2019 | 7.4 | 1.04 | 6.1 | 8.8 | 163.6 | 54.9 | NA | NA | NA | NA | NA | NA |
| 6/29/2019 | 7.7 | 1.24 | 5.6 | 9.1 | 171.3 | 58.6 | NA | NA | NA | NA | NA | NA |
| 6/30/2019 | 5.3 | 1.50 | 3.4 | 7.4 | 176.6 | 59.9 | NA | NA | NA | NA | NA | NA |

July

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/1/2019 | 3.8 | 0.92 | 2.5 | 5.5 | 3.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 7/2/2019 | 5.6 | 1.39 | 3.7 | 7.4 | 9.4 | 1.6 | NA | NA | NA | NA | NA | NA |
| 7/3/2019 | 6.6 | 1.03 | 4.4 | 8.2 | 16.0 | 4.2 | NA | NA | NA | NA | NA | NA |
| 7/4/2019 | 7.9 | 1.15 | 6.4 | 10.4 | 23.9 | 8.1 | NA | NA | NA | NA | NA | NA |
| 7/5/2019 | 7.0 | 1.91 | 3.5 | 9.5 | 30.9 | 11.1 | NA | NA | NA | NA | NA | NA |
| 7/6/2019 | 8.3 | 2.12 | 4.9 | 10.8 | 39.2 | 15.4 | NA | NA | NA | NA | NA | NA |
| 7/7/2019 | 11.2 | 3.54 | 5.6 | 15.8 | 50.5 | 22.7 | NA | NA | NA | NA | NA | NA |
| 7/8/2019 | 13.2 | 3.22 | 7.7 | 16.7 | 63.7 | 31.9 | NA | NA | NA | NA | NA | NA |
| 7/9/2019 | 12.1 | 2.44 | 8.1 | 15.9 | 75.8 | 40.0 | NA | NA | NA | NA | NA | NA |
| 7/10/2019 | 11.8 | 2.48 | 7.4 | 14.4 | 87.6 | 47.8 | NA | NA | NA | NA | NA | NA |
| 7/11/2019 | 10.7 | 2.66 | 5.9 | 14.8 | 98.4 | 54.6 | NA | NA | NA | NA | NA | NA |
| 7/12/2019 | 8.5 | 2.09 | 5.3 | 12.0 | 106.8 | 59.0 | NA | NA | NA | NA | NA | NA |
| 7/13/2019 | 7.6 | 1.73 | 4.8 | 10.2 | 114.4 | 62.6 | NA | NA | NA | NA | NA | NA |
| 7/14/2019 | 7.1 | 1.32 | 5.6 | 9.2 | 121.5 | 65.7 | NA | NA | NA | NA | NA | NA |
| 7/15/2019 | 8.3 | 1.51 | 5.9 | 10.3 | 129.8 | 70.0 | NA | NA | NA | NA | NA | NA |
| 7/16/2019 | 9.6 | 2.10 | 6.7 | 13.3 | 139.4 | 75.6 | NA | NA | NA | NA | NA | NA |
| 7/17/2019 | 8.2 | 2.60 | 5.3 | 12.9 | 147.6 | 79.8 | NA | NA | NA | NA | NA | NA |
| 7/18/2019 | 8.0 | 1.91 | 4.8 | 10.3 | 155.6 | 83.8 | NA | NA | NA | NA | NA | NA |
| 7/19/2019 | 9.4 | 2.38 | 5.2 | 12.2 | 165.0 | 89.2 | NA | NA | NA | NA | NA | NA |
| 7/20/2019 | 8.9 | 2.37 | 5.2 | 12.3 | 173.9 | 94.1 | NA | NA | NA | NA | NA | NA |
| 7/21/2019 | 9.8 | 2.44 | 6.5 | 13.2 | 183.7 | 99.9 | NA | NA | NA | NA | NA | NA |
| 7/22/2019 | 10.3 | 3.07 | 6.2 | 15.2 | 194.1 | 106.3 | NA | NA | NA | NA | NA | NA |
| 7/23/2019 | 9.2 | 2.27 | 5.8 | 12.6 | 203.3 | 111.5 | NA | NA | NA | NA | NA | NA |
| 7/24/2019 | 9.4 | 1.68 | 7.2 | 12.2 | 212.7 | 116.9 | NA | NA | NA | NA | NA | NA |
| 7/25/2019 | 10.1 | 1.66 | 7.2 | 12.5 | 222.9 | 123.1 | NA | NA | NA | NA | NA | NA |
| 7/26/2019 | 10.4 | 1.58 | 8.2 | 12.9 | 233.3 | 129.5 | NA | NA | NA | NA | NA | NA |
| 7/27/2019 | 10.8 | 1.84 | 8.1 | 13.8 | 244.1 | 136.3 | NA | NA | NA | NA | NA | NA |
| 7/28/2019 | 10.9 | 1.94 | 7.5 | 13.1 | 255.0 | 143.2 | NA | NA | NA | NA | NA | NA |
| 7/29/2019 | 11.5 | 2.48 | 8.0 | 16.0 | 266.6 | 150.7 | NA | NA | NA | NA | NA | NA |
| 7/30/2019 | 11.1 | 2.16 | 7.6 | 13.9 | 277.6 | 157.8 | NA | NA | NA | NA | NA | NA |
| 7/31/2019 | 8.9 | 2.77 | 5.0 | 12.8 | 286.5 | 162.7 | NA | NA | NA | NA | NA | NA |

August

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/1/2019 | 9.2 | 3.54 | 4.0 | 14.8 | 9.2 | 5.2 | NA | NA | NA | NA | NA | NA |
| 8/2/2019 | 10.6 | 4.78 | 4.6 | 19.0 | 19.8 | 11.8 | NA | NA | NA | NA | NA | NA |
| 8/3/2019 | 9.1 | 4.74 | 2.9 | 17.3 | 28.8 | 16.8 | NA | NA | NA | NA | NA | NA |
| 8/4/2019 | 11.8 | 4.67 | 4.7 | 19.7 | 40.7 | 24.7 | NA | NA | NA | NA | NA | NA |
| 8/5/2019 | 15.0 | 3.66 | 9.1 | 18.7 | 55.7 | 35.7 | NA | NA | NA | NA | NA | NA |
| 8/6/2019 | 12.4 | 3.70 | 7.1 | 17.1 | 68.1 | 44.1 | NA | NA | NA | NA | NA | NA |
| 8/7/2019 | 10.0 | 3.50 | 5.5 | 16.4 | 78.0 | 50.0 | NA | NA | NA | NA | NA | NA |
| 8/8/2019 | 10.3 | 3.10 | 6.9 | 17.0 | 88.3 | 56.3 | NA | NA | NA | NA | NA | NA |
| 8/9/2019 | 8.6 | 2.03 | 6.3 | 13.0 | 96.9 | 60.9 | NA | NA | NA | NA | NA | NA |
| 8/10/2019 | 7.8 | 0.98 | 6.0 | 9.1 | 104.7 | 64.7 | NA | NA | NA | NA | NA | NA |
| 8/11/2019 | 8.4 | 2.18 | 5.0 | 11.5 | 113.1 | 69.1 | NA | NA | NA | NA | NA | NA |
| 8/12/2019 | 13.9 | 3.22 | 9.0 | 17.6 | 127.0 | 79.0 | NA | NA | NA | NA | NA | NA |
| 8/13/2019 | 13.4 | 3.50 | 7.3 | 16.9 | 140.5 | 88.5 | NA | NA | NA | NA | NA | NA |
| 8/14/2019 | 12.2 | 3.11 | 6.6 | 15.3 | 152.7 | 96.7 | NA | NA | NA | NA | NA | NA |
| 8/15/2019 | 8.8 | 3.45 | 2.7 | 14.7 | 161.5 | 101.5 | NA | NA | NA | NA | NA | NA |
| 8/16/2019 | 11.9 | 1.67 | 9.1 | 13.8 | 173.4 | 109.4 | NA | NA | NA | NA | NA | NA |
| 8/17/2019 | 11.4 | 2.85 | 6.8 | 14.8 | 184.7 | 116.7 | NA | NA | NA | NA | NA | NA |
| 8/18/2019 | 10.2 | 3.05 | 6.8 | 16.2 | 194.9 | 122.9 | NA | NA | NA | NA | NA | NA |
| 8/19/2019 | 11.1 | 1.41 | 8.9 | 13.2 | 206.0 | 130.0 | NA | NA | NA | NA | NA | NA |
| 8/20/2019 | 13.1 | 1.67 | 11.6 | 16.3 | 219.2 | 139.2 | NA | NA | NA | NA | NA | NA |
| 8/21/2019 | 12.6 | 1.81 | 10.5 | 15.6 | 231.8 | 147.8 | NA | NA | NA | NA | NA | NA |
| 8/22/2019 | 12.1 | 1.76 | 8.5 | 13.9 | 243.9 | 155.9 | NA | NA | NA | NA | NA | NA |
| 8/23/2019 | 12.8 | 1.28 | 10.9 | 14.7 | 256.7 | 164.7 | NA | NA | NA | NA | NA | NA |
| 8/24/2019 | 12.6 | 1.91 | 9.5 | 15.4 | 269.3 | 173.3 | NA | NA | NA | NA | NA | NA |
| 8/25/2019 | 12.9 | 1.31 | 10.3 | 15.7 | 282.2 | 182.2 | NA | NA | NA | NA | NA | NA |
| 8/26/2019 | 12.6 | 1.49 | 10.1 | 14.4 | 294.8 | 190.8 | NA | NA | NA | NA | NA | NA |
| 8/27/2019 | 11.5 | 2.76 | 7.3 | 16.3 | 306.4 | 198.4 | NA | NA | NA | NA | NA | NA |
| 8/28/2019 | 11.2 | 1.99 | 8.2 | 13.9 | 317.6 | 205.6 | NA | NA | NA | NA | NA | NA |
| 8/29/2019 | 8.8 | 3.06 | 4.9 | 12.3 | 326.4 | 210.4 | NA | NA | NA | NA | NA | NA |
| 8/30/2019 | 9.3 | 3.03 | 5.1 | 13.4 | 335.7 | 215.7 | NA | NA | NA | NA | NA | NA |
| 8/31/2019 | 13.1 | 3.56 | 6.4 | 16.9 | 348.7 | 224.7 | NA | NA | NA | NA | NA | NA |

September

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/1/2019 | 15.2 | 2.83 | 9.4 | 17.4 | 15.2 | 11.2 | NA | NA | NA | NA | NA | NA |
| 9/2/2019 | 9.9 | 4.24 | 4.4 | 16.4 | 25.1 | 17.1 | NA | NA | NA | NA | NA | NA |
| 9/3/2019 | 12.4 | 2.89 | 7.8 | 16.3 | 37.5 | 25.5 | NA | NA | NA | NA | NA | NA |
| 9/4/2019 | 12.4 | 3.41 | 7.7 | 16.7 | 49.9 | 33.9 | NA | NA | NA | NA | NA | NA |
| 9/5/2019 | 15.9 | 1.18 | 12.4 | 16.9 | 65.7 | 45.7 | NA | NA | NA | NA | NA | NA |
| 9/6/2019 | 15.4 | 0.57 | 14.6 | 16.2 | 81.2 | 57.2 | NA | NA | NA | NA | NA | NA |
| 9/7/2019 | 10.1 | 5.34 | 2.6 | 15.4 | 91.2 | 63.2 | NA | NA | NA | NA | NA | NA |
| 9/8/2019 | 6.7 | 4.38 | 1.8 | 11.4 | 97.9 | 65.9 | NA | NA | NA | NA | NA | NA |
| 9/9/2019 | 11.5 | 0.60 | 10.4 | 12.4 | 109.4 | 73.4 | NA | NA | NA | NA | NA | NA |
| 9/10/2019 | 12.6 | 0.11 | 12.4 | 12.8 | 122.1 | 82.1 | NA | NA | NA | NA | NA | NA |
| 9/11/2019 | 12.8 | 0.12 | 12.5 | 12.9 | 134.8 | 90.8 | NA | NA | NA | NA | NA | NA |
| 9/12/2019 | 11.5 | 0.43 | 10.9 | 12.6 | 146.3 | 98.3 | NA | NA | NA | NA | NA | NA |
| 9/13/2019 | 12.1 | 0.26 | 11.7 | 12.5 | 158.4 | 106.4 | NA | NA | NA | NA | NA | NA |
| 9/14/2019 | 12.8 | 0.27 | 12.3 | 13.1 | 171.2 | 115.2 | NA | NA | NA | NA | NA | NA |
| 9/15/2019 | 13.0 | 0.12 | 12.8 | 13.2 | 184.2 | 124.2 | NA | NA | NA | NA | NA | NA |
| 9/16/2019 | 13.0 | 0.22 | 12.5 | 13.2 | 197.2 | 133.2 | NA | NA | NA | NA | NA | NA |
| 9/17/2019 | 10.0 | 2.02 | 8.0 | 13.2 | 207.2 | 139.2 | NA | NA | NA | NA | NA | NA |
| 9/18/2019 | 9.7 | 0.69 | 8.0 | 10.5 | 216.9 | 144.9 | NA | NA | NA | NA | NA | NA |
| 9/19/2019 | 11.2 | 0.58 | 10.0 | 12.1 | 228.1 | 152.1 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/20/2019 | 11.9 | 0.37 | 11.3 | 12.4 | 240.0 | 160.0 | NA | NA | NA | NA | NA | NA |
| 9/21/2019 | 12.3 | 0.32 | 11.8 | 12.7 | 252.3 | 168.3 | NA | NA | NA | NA | NA | NA |
| 9/22/2019 | 12.3 | 0.32 | 11.7 | 12.8 | 264.6 | 176.6 | NA | NA | NA | NA | NA | NA |
| 9/23/2019 | 12.6 | 0.58 | 11.7 | 13.3 | 277.2 | 185.2 | NA | NA | NA | NA | NA | NA |
| 9/24/2019 | 9.1 | 4.47 | 2.6 | 13.6 | 286.4 | 190.4 | NA | NA | NA | NA | NA | NA |
| 9/25/2019 | 2.2 | 0.12 | 2.0 | 2.5 | 288.6 | 190.4 | NA | NA | NA | NA | NA | NA |
| 9/26/2019 | 6.3 | 1.95 | 2.6 | 9.0 | 294.9 | 192.7 | NA | NA | NA | NA | NA | NA |
| 9/27/2019 | 11.1 | 1.15 | 8.9 | 12.1 | 306.0 | 199.8 | NA | NA | NA | NA | NA | NA |
| 9/28/2019 | 11.8 | 0.18 | 11.5 | 12.2 | 317.8 | 207.6 | NA | NA | NA | NA | NA | NA |
| 9/29/2019 | 12.1 | 0.19 | 11.8 | 12.4 | 329.9 | 215.7 | NA | NA | NA | NA | NA | NA |
| 9/30/2019 | 12.2 | 0.08 | 12.1 | 12.4 | 342.1 | 223.9 | NA | NA | NA | NA | NA | NA |

October

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/1/2019 | 11.6 | 1.06 | 9.2 | 12.4 | 11.6 | 7.6 | NA | NA | NA | NA | NA | NA |
| 10/2/2019 | 8.3 | 2.80 | 4.7 | 12.1 | 19.9 | 11.9 | NA | NA | NA | NA | NA | NA |
| 10/3/2019 | 10.4 | 0.84 | 9.1 | 11.4 | 30.3 | 18.3 | NA | NA | NA | NA | NA | NA |
| 10/4/2019 | 11.0 | 0.19 | 10.6 | 11.3 | 41.3 | 25.3 | NA | NA | NA | NA | NA | NA |
| 10/5/2019 | 11.1 | 0.11 | 10.9 | 11.3 | 52.5 | 32.5 | NA | NA | NA | NA | NA | NA |
| 10/6/2019 | 10.9 | 0.28 | 10.5 | 11.4 | 63.4 | 39.4 | NA | NA | NA | NA | NA | NA |
| 10/7/2019 | 10.7 | 0.58 | 9.9 | 11.5 | 74.1 | 46.1 | NA | NA | NA | NA | NA | NA |
| 10/8/2019 | 10.9 | 0.61 | 9.9 | 11.5 | 85.1 | 53.1 | NA | NA | NA | NA | NA | NA |
| 10/9/2019 | 11.1 | 0.21 | 10.7 | 11.4 | 96.2 | 60.2 | NA | NA | NA | NA | NA | NA |
| 10/10/2019 | 10.7 | 0.34 | 10.1 | 11.0 | 106.9 | 66.9 | NA | NA | NA | NA | NA | NA |
| 10/11/2019 | 9.9 | 0.39 | 9.3 | 10.7 | 116.8 | 72.8 | NA | NA | NA | NA | NA | NA |
| 10/12/2019 | 9.2 | 0.44 | 8.6 | 10.0 | 126.0 | 78.0 | NA | NA | NA | NA | NA | NA |
| 10/13/2019 | 8.8 | 0.52 | 7.9 | 9.4 | 134.9 | 82.9 | NA | NA | NA | NA | NA | NA |
| 10/14/2019 | 9.7 | 0.24 | 9.4 | 10.0 | 144.6 | 88.6 | NA | NA | NA | NA | NA | NA |
| 10/15/2019 | 9.9 | 0.71 | 8.7 | 11.0 | 154.5 | 94.5 | NA | NA | NA | NA | NA | NA |
| 10/16/2019 | 10.4 | 0.58 | 9.4 | 10.9 | 164.9 | 100.9 | NA | NA | NA | NA | NA | NA |
| 10/17/2019 | 8.9 | 2.90 | 2.9 | 10.7 | 173.8 | 105.8 | NA | NA | NA | NA | NA | NA |
| 10/18/2019 | 7.2 | 1.91 | 3.3 | 9.7 | 181.0 | 109.0 | NA | NA | NA | NA | NA | NA |
| 10/19/2019 | 10.3 | 0.21 | 9.9 | 10.6 | 191.3 | 115.3 | NA | NA | NA | NA | NA | NA |
| 10/20/2019 | 10.2 | 0.20 | 9.9 | 10.6 | 201.5 | 121.5 | NA | NA | NA | NA | NA | NA |
| 10/21/2019 | 9.9 | 0.19 | 9.4 | 10.0 | 211.4 | 127.4 | NA | NA | NA | NA | NA | NA |
| 10/22/2019 | 9.5 | 0.19 | 9.0 | 9.7 | 220.9 | 132.9 | NA | NA | NA | NA | NA | NA |
| 10/23/2019 | 9.0 | 0.44 | 7.7 | 9.4 | 229.9 | 137.9 | NA | NA | NA | NA | NA | NA |
| 10/24/2019 | 9.1 | 0.95 | 6.8 | 9.7 | 238.9 | 142.9 | NA | NA | NA | NA | NA | NA |
| 10/25/2019 | 9.8 | 0.05 | 9.8 | 9.9 | 248.7 | 148.7 | NA | NA | NA | NA | NA | NA |
| 10/26/2019 | 9.8 | 0.07 | 9.7 | 9.9 | 258.5 | 154.5 | NA | NA | NA | NA | NA | NA |
| 10/27/2019 | 9.7 | 0.08 | 9.5 | 9.8 | 268.2 | 160.2 | NA | NA | NA | NA | NA | NA |
| 10/28/2019 | 9.0 | 0.57 | 7.5 | 9.6 | 277.1 | 165.1 | NA | NA | NA | NA | NA | NA |
| 10/29/2019 | 8.9 | 0.38 | 8.1 | 9.3 | 286.1 | 170.1 | NA | NA | NA | NA | NA | NA |
| 10/30/2019 | 9.4 | 0.11 | 9.1 | 9.5 | 295.5 | 175.5 | NA | NA | NA | NA | NA | NA |
| 10/31/2019 | 9.3 | 0.29 | 8.5 | 9.5 | 304.7 | 180.7 | NA | NA | NA | NA | NA | NA |

November

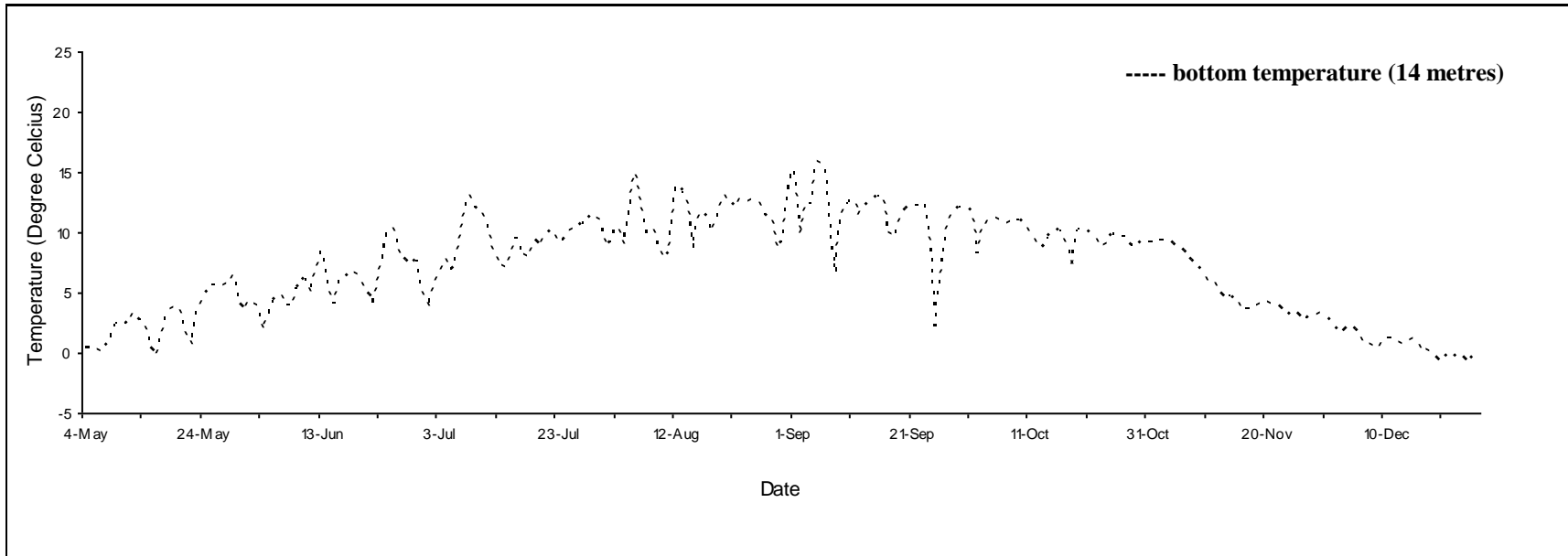
| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 11/1/2019 | 9.3 | 0.47 | 8.0 | 9.7 | 9.3 | 5.3 | NA | NA | NA | NA | NA | NA |
| 11/2/2019 | 9.4 | 0.09 | 9.3 | 9.6 | 18.7 | 10.7 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 11/3/2019 | 9.3 | 0.06 | 9.3 | 9.5 | 28.1 | 16.1 | NA | NA | NA | NA | NA | NA |
| 11/4/2019 | 9.0 | 0.11 | 8.7 | 9.1 | 37.1 | 21.1 | NA | NA | NA | NA | NA | NA |
| 11/5/2019 | 8.7 | 0.03 | 8.7 | 8.8 | 45.8 | 25.8 | NA | NA | NA | NA | NA | NA |
| 11/6/2019 | 8.6 | 0.16 | 8.3 | 8.8 | 54.4 | 30.4 | NA | NA | NA | NA | NA | NA |
| 11/7/2019 | 7.7 | 0.17 | 7.6 | 8.1 | 62.1 | 34.1 | NA | NA | NA | NA | NA | NA |
| 11/8/2019 | 7.3 | 0.13 | 7.1 | 7.5 | 69.4 | 37.4 | NA | NA | NA | NA | NA | NA |
| 11/9/2019 | 6.8 | 0.28 | 6.3 | 7.2 | 76.2 | 40.2 | NA | NA | NA | NA | NA | NA |
| 11/10/2019 | 6.1 | 0.37 | 5.2 | 6.6 | 82.2 | 42.2 | NA | NA | NA | NA | NA | NA |
| 11/11/2019 | 5.9 | 0.24 | 5.3 | 6.1 | 88.1 | 44.1 | NA | NA | NA | NA | NA | NA |
| 11/12/2019 | 5.0 | 0.79 | 4.0 | 5.9 | 93.1 | 45.1 | NA | NA | NA | NA | NA | NA |
| 11/13/2019 | 4.5 | 0.46 | 3.5 | 4.9 | 97.7 | 45.7 | NA | NA | NA | NA | NA | NA |
| 11/14/2019 | 4.7 | 0.24 | 4.2 | 5.1 | 102.4 | 46.4 | NA | NA | NA | NA | NA | NA |
| 11/15/2019 | 4.2 | 0.46 | 3.0 | 4.6 | 106.6 | 46.6 | NA | NA | NA | NA | NA | NA |
| 11/16/2019 | 3.6 | 0.38 | 2.7 | 4.0 | 110.1 | 46.6 | NA | NA | NA | NA | NA | NA |
| 11/17/2019 | 3.6 | 0.64 | 2.7 | 4.3 | 113.8 | 46.6 | NA | NA | NA | NA | NA | NA |
| 11/18/2019 | 4.0 | 0.27 | 3.6 | 4.4 | 117.7 | 46.6 | NA | NA | NA | NA | NA | NA |
| 11/19/2019 | 4.0 | 0.35 | 3.2 | 4.4 | 121.8 | 46.6 | NA | NA | NA | NA | NA | NA |
| 11/20/2019 | 4.2 | 0.08 | 4.0 | 4.3 | 126.0 | 46.8 | NA | NA | NA | NA | NA | NA |
| 11/21/2019 | 3.9 | 0.03 | 3.9 | 4.0 | 129.9 | 46.8 | NA | NA | NA | NA | NA | NA |
| 11/22/2019 | 4.0 | 0.09 | 3.8 | 4.1 | 133.8 | 46.8 | NA | NA | NA | NA | NA | NA |
| 11/23/2019 | 3.5 | 0.22 | 3.2 | 3.8 | 137.3 | 46.8 | NA | NA | NA | NA | NA | NA |
| 11/24/2019 | 3.1 | 0.24 | 2.9 | 3.7 | 140.5 | 46.8 | NA | NA | NA | NA | NA | NA |
| 11/25/2019 | 3.4 | 0.39 | 2.7 | 3.8 | 143.9 | 46.8 | NA | NA | NA | NA | NA | NA |
| 11/26/2019 | 2.9 | 0.21 | 2.5 | 3.3 | 146.8 | 46.8 | NA | NA | NA | NA | NA | NA |
| 11/27/2019 | 2.9 | 0.54 | 2.2 | 3.6 | 149.7 | 46.8 | NA | NA | NA | NA | NA | NA |
| 11/28/2019 | 3.1 | 0.44 | 2.5 | 3.6 | 152.8 | 46.8 | NA | NA | NA | NA | NA | NA |
| 11/29/2019 | 3.4 | 0.24 | 2.9 | 3.6 | 156.2 | 46.8 | NA | NA | NA | NA | NA | NA |
| 11/30/2019 | 3.1 | 0.04 | 3.0 | 3.2 | 159.3 | 46.8 | NA | NA | NA | NA | NA | NA |

December

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 12/1/2019 | 2.5 | 0.31 | 2.0 | 2.9 | 2.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/2/2019 | 1.8 | 0.07 | 1.7 | 1.9 | 4.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/3/2019 | 1.9 | 0.19 | 1.6 | 2.3 | 6.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/4/2019 | 2.3 | 0.19 | 2.0 | 2.6 | 8.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/5/2019 | 1.9 | 0.12 | 1.7 | 2.2 | 10.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/6/2019 | 1.0 | 0.36 | 0.4 | 1.5 | 11.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/7/2019 | 0.7 | 0.41 | -0.1 | 1.8 | 12.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/8/2019 | 0.6 | 0.36 | 0.0 | 1.0 | 12.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/9/2019 | 0.5 | 0.64 | -0.6 | 1.9 | 13.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/10/2019 | 1.2 | 0.53 | 0.2 | 1.9 | 14.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/11/2019 | 1.3 | 0.62 | 0.3 | 2.0 | 15.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/12/2019 | 1.0 | 0.52 | 0.3 | 1.9 | 16.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/13/2019 | 0.7 | 0.41 | 0.2 | 1.5 | 17.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/14/2019 | 1.1 | 0.45 | 0.1 | 1.4 | 18.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/15/2019 | 1.3 | 0.37 | 0.2 | 1.5 | 19.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/16/2019 | 0.4 | 0.36 | -0.2 | 0.9 | 20.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/17/2019 | 0.3 | 0.18 | -0.1 | 0.5 | 20.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/18/2019 | 0.1 | 0.66 | -1.0 | 1.0 | 20.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/19/2019 | -0.6 | 0.35 | -1.3 | -0.1 | 20.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/20/2019 | -0.4 | 0.70 | -1.5 | 0.4 | 20.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/21/2019 | 0.1 | 0.22 | -0.2 | 0.4 | 20.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/22/2019 | -0.3 | 0.46 | -0.9 | 0.4 | 20.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/23/2019 | -0.4 | 0.32 | -0.8 | 0.0 | 20.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/24/2019 | -0.8 | 0.42 | -1.3 | -0.2 | 20.6 | 0.0 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 12/25/2019 | -0.3 | 0.53 | -1.1 | 0.4 | 20.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/26/2019 | -0.7 | 0.31 | -1.2 | -0.3 | 20.6 | 0.0 | NA | NA | NA | NA | NA | NA |



Daily mean temperature for Miscou, N.B., 2019.

Murray Harbour, P.E.I.

2019

July

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/11/2019 | 16.2 | 0.36 | 15.9 | 16.8 | 16.2 | 12.2 | NA | NA | NA | NA | NA | NA |
| 7/12/2019 | 16.5 | 0.12 | 16.3 | 16.6 | 32.7 | 24.7 | NA | NA | NA | NA | NA | NA |
| 7/13/2019 | 16.5 | 0.18 | 16.3 | 16.7 | 49.1 | 37.1 | NA | NA | NA | NA | NA | NA |
| 7/14/2019 | 16.5 | 0.10 | 16.4 | 16.7 | 65.7 | 49.7 | NA | NA | NA | NA | NA | NA |
| 7/15/2019 | 16.0 | 0.64 | 15.0 | 16.6 | 81.7 | 61.7 | NA | NA | NA | NA | NA | NA |
| 7/16/2019 | 16.4 | 0.24 | 15.9 | 16.8 | 98.0 | 74.0 | NA | NA | NA | NA | NA | NA |
| 7/17/2019 | 14.8 | 1.27 | 13.0 | 16.8 | 112.9 | 84.9 | NA | NA | NA | NA | NA | NA |
| 7/18/2019 | 15.4 | 1.18 | 13.6 | 16.7 | 128.3 | 96.3 | NA | NA | NA | NA | NA | NA |
| 7/19/2019 | 15.8 | 1.22 | 13.4 | 16.7 | 144.0 | 108.0 | NA | NA | NA | NA | NA | NA |
| 7/20/2019 | 16.8 | 0.52 | 16.3 | 18.0 | 160.9 | 120.9 | NA | NA | NA | NA | NA | NA |
| 7/21/2019 | 18.3 | 0.67 | 17.1 | 19.4 | 179.1 | 135.1 | NA | NA | NA | NA | NA | NA |
| 7/22/2019 | 18.4 | 0.49 | 17.5 | 19.2 | 197.5 | 149.5 | NA | NA | NA | NA | NA | NA |
| 7/23/2019 | 18.9 | 0.67 | 17.6 | 19.5 | 216.4 | 164.4 | NA | NA | NA | NA | NA | NA |
| 7/24/2019 | 18.7 | 0.54 | 17.8 | 19.5 | 235.1 | 179.1 | NA | NA | NA | NA | NA | NA |
| 7/25/2019 | 18.8 | 0.60 | 18.1 | 19.8 | 253.9 | 193.9 | NA | NA | NA | NA | NA | NA |
| 7/26/2019 | 19.4 | 0.61 | 18.3 | 20.0 | 273.3 | 209.3 | NA | NA | NA | NA | NA | NA |
| 7/27/2019 | 18.3 | 0.32 | 17.9 | 19.1 | 291.6 | 223.6 | NA | NA | NA | NA | NA | NA |
| 7/28/2019 | 17.5 | 0.29 | 17.2 | 18.2 | 309.2 | 237.2 | NA | NA | NA | NA | NA | NA |
| 7/29/2019 | 16.3 | 0.97 | 14.6 | 17.7 | 325.5 | 249.5 | NA | NA | NA | NA | NA | NA |
| 7/30/2019 | 16.4 | 0.66 | 14.9 | 17.3 | 341.8 | 261.8 | NA | NA | NA | NA | NA | NA |
| 7/31/2019 | 16.8 | 0.66 | 16.0 | 17.9 | 358.7 | 274.7 | NA | NA | NA | NA | NA | NA |

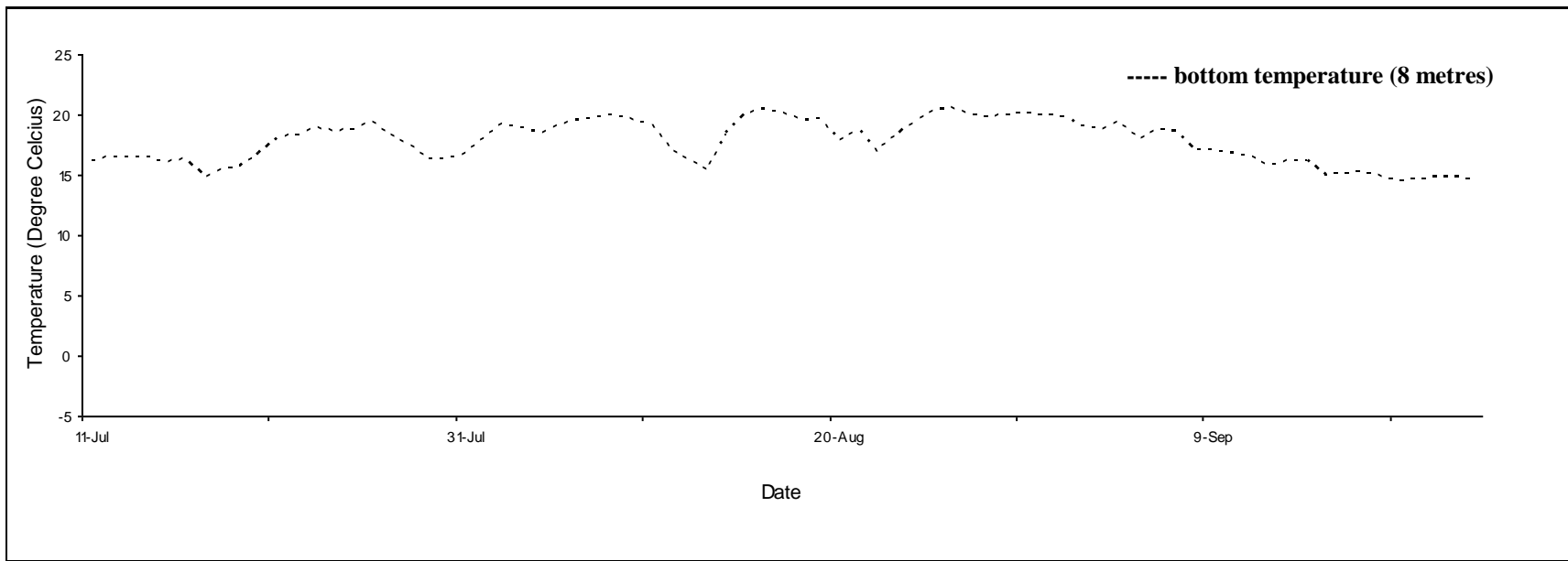
August

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/1/2019 | 18.0 | 0.88 | 16.2 | 18.9 | 18.0 | 14.0 | NA | NA | NA | NA | NA | NA |
| 8/2/2019 | 19.2 | 0.53 | 18.1 | 20.1 | 37.3 | 29.3 | NA | NA | NA | NA | NA | NA |
| 8/3/2019 | 19.0 | 0.60 | 17.7 | 19.8 | 56.2 | 44.2 | NA | NA | NA | NA | NA | NA |
| 8/4/2019 | 18.5 | 1.10 | 16.6 | 20.1 | 74.7 | 58.7 | NA | NA | NA | NA | NA | NA |
| 8/5/2019 | 19.2 | 1.04 | 17.2 | 20.4 | 93.9 | 73.9 | NA | NA | NA | NA | NA | NA |
| 8/6/2019 | 19.5 | 0.41 | 18.4 | 19.9 | 113.4 | 89.4 | NA | NA | NA | NA | NA | NA |
| 8/7/2019 | 19.8 | 0.78 | 18.4 | 20.8 | 133.2 | 105.2 | NA | NA | NA | NA | NA | NA |
| 8/8/2019 | 20.0 | 0.52 | 19.2 | 20.7 | 153.2 | 121.2 | NA | NA | NA | NA | NA | NA |
| 8/9/2019 | 19.5 | 0.56 | 18.6 | 20.0 | 172.7 | 136.7 | NA | NA | NA | NA | NA | NA |
| 8/10/2019 | 19.2 | 0.51 | 18.3 | 20.2 | 191.8 | 151.8 | NA | NA | NA | NA | NA | NA |
| 8/11/2019 | 17.1 | 1.79 | 14.1 | 20.0 | 209.0 | 165.0 | NA | NA | NA | NA | NA | NA |
| 8/12/2019 | 16.2 | 1.06 | 14.8 | 18.0 | 225.1 | 177.1 | NA | NA | NA | NA | NA | NA |
| 8/13/2019 | 15.4 | 1.22 | 13.9 | 17.8 | 240.6 | 188.6 | NA | NA | NA | NA | NA | NA |
| 8/14/2019 | 18.4 | 0.97 | 17.4 | 20.5 | 259.0 | 203.0 | NA | NA | NA | NA | NA | NA |
| 8/15/2019 | 20.1 | 0.34 | 19.7 | 20.6 | 279.1 | 219.1 | NA | NA | NA | NA | NA | NA |
| 8/16/2019 | 20.5 | 0.20 | 20.3 | 20.8 | 299.7 | 235.7 | NA | NA | NA | NA | NA | NA |
| 8/17/2019 | 20.2 | 0.36 | 19.8 | 20.9 | 319.8 | 251.8 | NA | NA | NA | NA | NA | NA |
| 8/18/2019 | 19.6 | 0.42 | 18.8 | 20.1 | 339.4 | 267.4 | NA | NA | NA | NA | NA | NA |
| 8/19/2019 | 19.7 | 0.76 | 17.4 | 20.4 | 359.1 | 283.1 | NA | NA | NA | NA | NA | NA |
| 8/20/2019 | 17.9 | 1.21 | 15.6 | 20.0 | 377.0 | 297.0 | NA | NA | NA | NA | NA | NA |
| 8/21/2019 | 18.7 | 1.08 | 16.6 | 19.7 | 395.7 | 311.7 | NA | NA | NA | NA | NA | NA |
| 8/22/2019 | 16.9 | 0.71 | 16.0 | 18.1 | 412.7 | 324.7 | NA | NA | NA | NA | NA | NA |
| 8/23/2019 | 18.1 | 0.70 | 17.2 | 19.2 | 430.8 | 338.8 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/24/2019 | 19.4 | 0.72 | 18.1 | 20.0 | 450.2 | 354.2 | NA | NA | NA | NA | NA | NA |
| 8/25/2019 | 20.3 | 0.45 | 19.8 | 21.0 | 470.5 | 370.5 | NA | NA | NA | NA | NA | NA |
| 8/26/2019 | 20.6 | 0.13 | 20.4 | 20.8 | 491.1 | 387.1 | NA | NA | NA | NA | NA | NA |
| 8/27/2019 | 20.0 | 0.22 | 19.6 | 20.4 | 511.0 | 403.0 | NA | NA | NA | NA | NA | NA |
| 8/28/2019 | 19.8 | 0.16 | 19.6 | 20.1 | 530.8 | 418.8 | NA | NA | NA | NA | NA | NA |
| 8/29/2019 | 20.0 | 0.11 | 19.9 | 20.2 | 550.8 | 434.8 | NA | NA | NA | NA | NA | NA |
| 8/30/2019 | 20.2 | 0.08 | 20.0 | 20.4 | 571.0 | 451.0 | NA | NA | NA | NA | NA | NA |
| 8/31/2019 | 20.0 | 0.15 | 19.7 | 20.3 | 591.0 | 467.0 | NA | NA | NA | NA | NA | NA |

September

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/1/2019 | 19.8 | 0.25 | 19.5 | 20.2 | 19.8 | 15.8 | NA | NA | NA | NA | NA | NA |
| 9/2/2019 | 19.1 | 0.87 | 17.4 | 20.1 | 38.9 | 30.9 | NA | NA | NA | NA | NA | NA |
| 9/3/2019 | 18.7 | 0.33 | 18.3 | 19.3 | 57.6 | 45.6 | NA | NA | NA | NA | NA | NA |
| 9/4/2019 | 19.4 | 0.21 | 19.0 | 19.8 | 77.0 | 61.0 | NA | NA | NA | NA | NA | NA |
| 9/5/2019 | 18.0 | 0.72 | 17.0 | 19.2 | 95.0 | 75.0 | NA | NA | NA | NA | NA | NA |
| 9/6/2019 | 18.8 | 0.45 | 18.1 | 19.5 | 113.8 | 89.8 | NA | NA | NA | NA | NA | NA |
| 9/7/2019 | 18.7 | 0.44 | 18.0 | 19.2 | 132.5 | 104.5 | NA | NA | NA | NA | NA | NA |
| 9/8/2019 | 17.1 | 0.41 | 16.6 | 17.8 | 149.6 | 117.6 | NA | NA | NA | NA | NA | NA |
| 9/9/2019 | 17.1 | 0.09 | 17.0 | 17.3 | 166.7 | 130.7 | NA | NA | NA | NA | NA | NA |
| 9/10/2019 | 16.8 | 0.32 | 16.3 | 17.2 | 183.5 | 143.5 | NA | NA | NA | NA | NA | NA |
| 9/11/2019 | 16.6 | 0.60 | 15.2 | 17.2 | 200.1 | 156.1 | NA | NA | NA | NA | NA | NA |
| 9/12/2019 | 15.7 | 0.44 | 15.1 | 16.3 | 215.8 | 167.8 | NA | NA | NA | NA | NA | NA |
| 9/13/2019 | 16.2 | 0.11 | 16.0 | 16.3 | 232.0 | 180.0 | NA | NA | NA | NA | NA | NA |
| 9/14/2019 | 16.1 | 0.07 | 16.1 | 16.3 | 248.1 | 192.1 | NA | NA | NA | NA | NA | NA |
| 9/15/2019 | 15.0 | 0.51 | 14.5 | 16.0 | 263.1 | 203.1 | NA | NA | NA | NA | NA | NA |
| 9/16/2019 | 15.1 | 0.19 | 14.8 | 15.4 | 278.2 | 214.2 | NA | NA | NA | NA | NA | NA |
| 9/17/2019 | 15.3 | 0.11 | 15.0 | 15.4 | 293.5 | 225.5 | NA | NA | NA | NA | NA | NA |
| 9/18/2019 | 14.9 | 0.21 | 14.6 | 15.2 | 308.4 | 236.4 | NA | NA | NA | NA | NA | NA |
| 9/19/2019 | 14.5 | 0.23 | 14.1 | 14.9 | 322.9 | 246.9 | NA | NA | NA | NA | NA | NA |
| 9/20/2019 | 14.7 | 0.03 | 14.7 | 14.8 | 337.6 | 257.6 | NA | NA | NA | NA | NA | NA |
| 9/21/2019 | 14.8 | 0.10 | 14.7 | 15.0 | 352.5 | 268.5 | NA | NA | NA | NA | NA | NA |
| 9/22/2019 | 14.8 | 0.14 | 14.7 | 15.1 | 367.3 | 279.3 | NA | NA | NA | NA | NA | NA |
| 9/23/2019 | 14.7 | 0.08 | 14.6 | 14.9 | 382.0 | 290.0 | NA | NA | NA | NA | NA | NA |



Daily mean temperature for Murray Harbour, P.E.I., 2019.

Nine Mile Creek, P.E.I.

2019

July

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/16/2019 | 16.1 | 0.36 | 15.6 | 16.9 | 16.1 | 12.1 | NA | NA | NA | NA | NA | NA |
| 7/17/2019 | 17.2 | 0.65 | 16.1 | 18.0 | 33.4 | 25.4 | NA | NA | NA | NA | NA | NA |
| 7/18/2019 | 16.1 | 0.32 | 15.7 | 16.6 | 49.5 | 37.5 | NA | NA | NA | NA | NA | NA |
| 7/19/2019 | 16.6 | 0.71 | 15.7 | 17.7 | 66.1 | 50.1 | NA | NA | NA | NA | NA | NA |
| 7/20/2019 | 16.5 | 1.53 | 15.1 | 18.8 | 82.6 | 62.6 | NA | NA | NA | NA | NA | NA |
| 7/21/2019 | 16.3 | 0.77 | 15.6 | 18.1 | 98.9 | 74.9 | NA | NA | NA | NA | NA | NA |
| 7/22/2019 | 16.6 | 1.35 | 15.4 | 19.0 | 115.4 | 87.4 | NA | NA | NA | NA | NA | NA |
| 7/23/2019 | 16.3 | 0.36 | 15.6 | 16.7 | 131.8 | 99.8 | NA | NA | NA | NA | NA | NA |
| 7/24/2019 | 16.9 | 0.99 | 15.5 | 18.5 | 148.6 | 112.6 | NA | NA | NA | NA | NA | NA |
| 7/25/2019 | 16.5 | 0.89 | 15.3 | 18.1 | 165.2 | 125.2 | NA | NA | NA | NA | NA | NA |
| 7/26/2019 | 16.5 | 0.93 | 15.0 | 17.8 | 181.7 | 137.7 | NA | NA | NA | NA | NA | NA |
| 7/27/2019 | 16.3 | 0.48 | 15.5 | 16.9 | 198.0 | 150.0 | NA | NA | NA | NA | NA | NA |
| 7/28/2019 | 16.5 | 0.64 | 15.7 | 17.4 | 214.5 | 162.5 | NA | NA | NA | NA | NA | NA |
| 7/29/2019 | 16.8 | 0.42 | 16.2 | 17.7 | 231.3 | 175.3 | NA | NA | NA | NA | NA | NA |
| 7/30/2019 | 17.1 | 0.91 | 16.5 | 19.2 | 248.4 | 188.4 | NA | NA | NA | NA | NA | NA |
| 7/31/2019 | 18.3 | 1.02 | 16.9 | 19.5 | 266.7 | 202.7 | NA | NA | NA | NA | NA | NA |

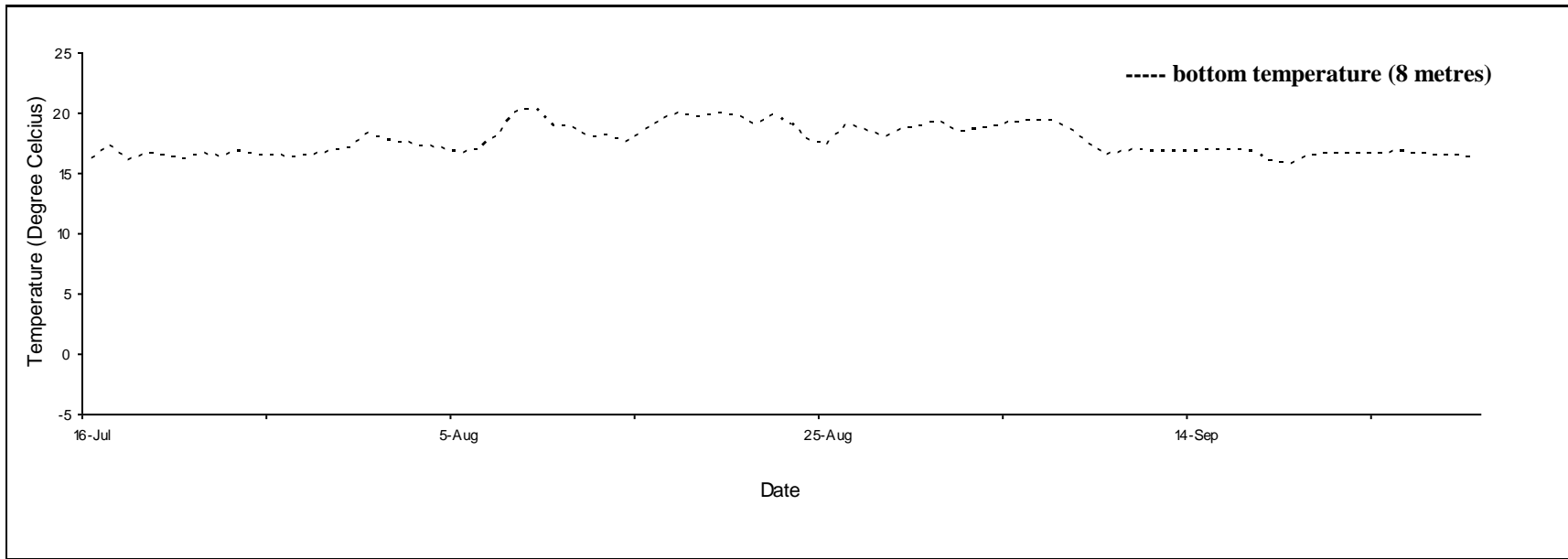
August

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/1/2019 | 17.8 | 1.38 | 16.3 | 19.8 | 17.8 | 13.8 | NA | NA | NA | NA | NA | NA |
| 8/2/2019 | 17.6 | 1.47 | 16.0 | 20.0 | 35.3 | 27.3 | NA | NA | NA | NA | NA | NA |
| 8/3/2019 | 17.3 | 0.91 | 16.0 | 18.8 | 52.6 | 40.6 | NA | NA | NA | NA | NA | NA |
| 8/4/2019 | 17.1 | 0.79 | 16.1 | 18.1 | 69.7 | 53.7 | NA | NA | NA | NA | NA | NA |
| 8/5/2019 | 16.7 | 1.26 | 15.1 | 18.0 | 86.4 | 66.4 | NA | NA | NA | NA | NA | NA |
| 8/6/2019 | 16.9 | 0.62 | 15.5 | 17.6 | 103.3 | 79.3 | NA | NA | NA | NA | NA | NA |
| 8/7/2019 | 18.0 | 0.82 | 17.0 | 19.5 | 121.3 | 93.3 | NA | NA | NA | NA | NA | NA |
| 8/8/2019 | 20.0 | 0.63 | 19.2 | 20.9 | 141.3 | 109.3 | NA | NA | NA | NA | NA | NA |
| 8/9/2019 | 20.5 | 0.24 | 20.1 | 20.9 | 161.8 | 125.8 | NA | NA | NA | NA | NA | NA |
| 8/10/2019 | 18.9 | 0.48 | 18.3 | 19.7 | 180.7 | 140.7 | NA | NA | NA | NA | NA | NA |
| 8/11/2019 | 18.9 | 0.20 | 18.7 | 19.3 | 199.6 | 155.6 | NA | NA | NA | NA | NA | NA |
| 8/12/2019 | 18.1 | 0.68 | 16.9 | 18.8 | 217.7 | 169.7 | NA | NA | NA | NA | NA | NA |
| 8/13/2019 | 18.1 | 0.43 | 17.0 | 18.7 | 235.8 | 183.8 | NA | NA | NA | NA | NA | NA |
| 8/14/2019 | 17.6 | 0.23 | 17.1 | 18.0 | 253.4 | 197.4 | NA | NA | NA | NA | NA | NA |
| 8/15/2019 | 18.5 | 0.37 | 17.8 | 19.0 | 271.9 | 211.9 | NA | NA | NA | NA | NA | NA |
| 8/16/2019 | 19.5 | 0.44 | 18.8 | 20.3 | 291.4 | 227.4 | NA | NA | NA | NA | NA | NA |
| 8/17/2019 | 19.9 | 0.53 | 19.0 | 20.5 | 311.4 | 243.4 | NA | NA | NA | NA | NA | NA |
| 8/18/2019 | 19.6 | 0.82 | 18.4 | 20.4 | 331.0 | 259.0 | NA | NA | NA | NA | NA | NA |
| 8/19/2019 | 20.0 | 0.28 | 19.4 | 20.4 | 351.0 | 275.0 | NA | NA | NA | NA | NA | NA |
| 8/20/2019 | 19.8 | 0.74 | 18.6 | 20.8 | 370.8 | 290.8 | NA | NA | NA | NA | NA | NA |
| 8/21/2019 | 19.1 | 0.15 | 18.9 | 19.4 | 389.9 | 305.9 | NA | NA | NA | NA | NA | NA |
| 8/22/2019 | 19.8 | 0.50 | 19.2 | 20.9 | 409.7 | 321.7 | NA | NA | NA | NA | NA | NA |
| 8/23/2019 | 19.1 | 0.67 | 18.2 | 20.3 | 428.8 | 336.8 | NA | NA | NA | NA | NA | NA |
| 8/24/2019 | 17.8 | 0.86 | 16.4 | 19.0 | 446.6 | 350.6 | NA | NA | NA | NA | NA | NA |
| 8/25/2019 | 17.5 | 0.85 | 16.5 | 19.0 | 464.1 | 364.1 | NA | NA | NA | NA | NA | NA |
| 8/26/2019 | 19.1 | 0.48 | 18.5 | 19.9 | 483.2 | 379.2 | NA | NA | NA | NA | NA | NA |
| 8/27/2019 | 18.7 | 0.31 | 18.3 | 19.4 | 501.9 | 393.9 | NA | NA | NA | NA | NA | NA |
| 8/28/2019 | 18.0 | 0.24 | 17.5 | 18.4 | 519.9 | 407.9 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/29/2019 | 18.6 | 0.34 | 18.1 | 19.1 | 538.5 | 422.5 | NA | NA | NA | NA | NA | NA |
| 8/30/2019 | 19.0 | 0.17 | 18.7 | 19.4 | 557.5 | 437.5 | NA | NA | NA | NA | NA | NA |
| 8/31/2019 | 19.4 | 0.09 | 19.2 | 19.5 | 576.9 | 452.9 | NA | NA | NA | NA | NA | NA |

September

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/1/2019 | 18.5 | 0.31 | 18.0 | 19.0 | 18.5 | 14.5 | NA | NA | NA | NA | NA | NA |
| 9/2/2019 | 18.6 | 0.17 | 18.2 | 18.8 | 37.1 | 29.1 | NA | NA | NA | NA | NA | NA |
| 9/3/2019 | 18.9 | 0.14 | 18.7 | 19.1 | 56.0 | 44.0 | NA | NA | NA | NA | NA | NA |
| 9/4/2019 | 19.2 | 0.11 | 19.0 | 19.4 | 75.2 | 59.2 | NA | NA | NA | NA | NA | NA |
| 9/5/2019 | 19.4 | 0.07 | 19.3 | 19.5 | 94.6 | 74.6 | NA | NA | NA | NA | NA | NA |
| 9/6/2019 | 19.3 | 0.10 | 19.2 | 19.5 | 113.9 | 89.9 | NA | NA | NA | NA | NA | NA |
| 9/7/2019 | 18.8 | 0.28 | 18.1 | 19.1 | 132.7 | 104.7 | NA | NA | NA | NA | NA | NA |
| 9/8/2019 | 17.5 | 0.35 | 17.1 | 18.2 | 150.2 | 118.2 | NA | NA | NA | NA | NA | NA |
| 9/9/2019 | 16.6 | 0.18 | 16.4 | 17.0 | 166.8 | 130.8 | NA | NA | NA | NA | NA | NA |
| 9/10/2019 | 16.8 | 0.18 | 16.5 | 17.2 | 183.6 | 143.6 | NA | NA | NA | NA | NA | NA |
| 9/11/2019 | 17.0 | 0.13 | 16.7 | 17.1 | 200.6 | 156.6 | NA | NA | NA | NA | NA | NA |
| 9/12/2019 | 16.9 | 0.26 | 16.5 | 17.2 | 217.4 | 169.4 | NA | NA | NA | NA | NA | NA |
| 9/13/2019 | 16.9 | 0.23 | 16.4 | 17.2 | 234.3 | 182.3 | NA | NA | NA | NA | NA | NA |
| 9/14/2019 | 16.8 | 0.30 | 16.2 | 17.1 | 251.1 | 195.1 | NA | NA | NA | NA | NA | NA |
| 9/15/2019 | 17.0 | 0.09 | 16.9 | 17.1 | 268.1 | 208.1 | NA | NA | NA | NA | NA | NA |
| 9/16/2019 | 17.0 | 0.06 | 16.9 | 17.1 | 285.1 | 221.1 | NA | NA | NA | NA | NA | NA |
| 9/17/2019 | 16.8 | 0.33 | 16.2 | 17.1 | 301.9 | 233.9 | NA | NA | NA | NA | NA | NA |
| 9/18/2019 | 16.1 | 0.55 | 15.2 | 16.7 | 318.0 | 246.0 | NA | NA | NA | NA | NA | NA |
| 9/19/2019 | 15.8 | 0.45 | 15.2 | 16.5 | 333.7 | 257.7 | NA | NA | NA | NA | NA | NA |
| 9/20/2019 | 16.3 | 0.14 | 16.0 | 16.5 | 350.1 | 270.1 | NA | NA | NA | NA | NA | NA |
| 9/21/2019 | 16.6 | 0.06 | 16.5 | 16.7 | 366.7 | 282.7 | NA | NA | NA | NA | NA | NA |
| 9/22/2019 | 16.6 | 0.14 | 16.4 | 16.9 | 383.3 | 295.3 | NA | NA | NA | NA | NA | NA |
| 9/23/2019 | 16.7 | 0.07 | 16.6 | 16.8 | 400.0 | 308.0 | NA | NA | NA | NA | NA | NA |
| 9/24/2019 | 16.7 | 0.02 | 16.7 | 16.8 | 416.7 | 320.7 | NA | NA | NA | NA | NA | NA |
| 9/25/2019 | 16.8 | 0.09 | 16.7 | 16.9 | 433.5 | 333.5 | NA | NA | NA | NA | NA | NA |
| 9/26/2019 | 16.6 | 0.09 | 16.5 | 16.8 | 450.1 | 346.1 | NA | NA | NA | NA | NA | NA |
| 9/27/2019 | 16.6 | 0.07 | 16.5 | 16.7 | 466.7 | 358.7 | NA | NA | NA | NA | NA | NA |
| 9/28/2019 | 16.5 | 0.07 | 16.4 | 16.6 | 483.2 | 371.2 | NA | NA | NA | NA | NA | NA |
| 9/29/2019 | 16.4 | 0.10 | 16.2 | 16.5 | 499.6 | 383.6 | NA | NA | NA | NA | NA | NA |



Daily mean temperature for Nine Mile Creek, P.E.I., 2019.

North Cape, P.E.I.

2019

May

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 5/3/2019 | 1.4 | 0.24 | 1.1 | 2.0 | 1.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/4/2019 | 2.0 | 0.38 | 1.5 | 3.0 | 3.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/5/2019 | 2.1 | 0.29 | 1.8 | 2.8 | 5.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/6/2019 | 1.9 | 0.19 | 1.7 | 2.4 | 7.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/7/2019 | 2.0 | 0.20 | 1.6 | 2.5 | 9.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/8/2019 | 2.1 | 0.30 | 1.8 | 2.8 | 11.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/9/2019 | 2.1 | 0.40 | 1.8 | 2.9 | 13.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/10/2019 | 2.2 | 0.48 | 1.9 | 3.6 | 15.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/11/2019 | 2.4 | 0.25 | 2.0 | 2.7 | 18.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/12/2019 | 2.9 | 0.25 | 2.6 | 3.3 | 21.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/13/2019 | 2.7 | 0.10 | 2.6 | 2.9 | 23.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/14/2019 | 2.7 | 0.18 | 2.5 | 3.0 | 26.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/15/2019 | 2.4 | 0.78 | 1.0 | 3.9 | 28.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/16/2019 | 1.0 | 0.31 | 0.6 | 1.8 | 29.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/17/2019 | 2.2 | 0.80 | 0.9 | 3.1 | 32.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/18/2019 | 2.5 | 0.46 | 2.0 | 3.2 | 34.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/19/2019 | 2.6 | 0.62 | 1.8 | 3.6 | 37.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/20/2019 | 3.1 | 0.54 | 2.4 | 3.9 | 40.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/21/2019 | 2.7 | 0.38 | 2.2 | 3.4 | 42.9 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/22/2019 | 2.4 | 0.59 | 1.7 | 3.8 | 45.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/23/2019 | 2.1 | 0.40 | 1.7 | 3.2 | 47.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/24/2019 | 3.6 | 0.58 | 2.6 | 4.1 | 51.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/25/2019 | 4.3 | 0.16 | 4.1 | 4.7 | 55.4 | 0.3 | NA | NA | NA | NA | NA | NA |
| 5/26/2019 | 4.9 | 0.29 | 4.4 | 5.3 | 60.2 | 1.2 | NA | NA | NA | NA | NA | NA |
| 5/27/2019 | 5.9 | 0.46 | 5.1 | 7.0 | 66.1 | 3.1 | NA | NA | NA | NA | NA | NA |
| 5/28/2019 | 4.7 | 0.70 | 3.9 | 5.9 | 70.8 | 3.8 | NA | NA | NA | NA | NA | NA |
| 5/29/2019 | 4.7 | 0.44 | 4.2 | 5.7 | 75.5 | 4.5 | NA | NA | NA | NA | NA | NA |
| 5/30/2019 | 4.6 | 0.08 | 4.5 | 4.8 | 80.1 | 5.1 | NA | NA | NA | NA | NA | NA |
| 5/31/2019 | 5.7 | 1.30 | 4.4 | 8.1 | 85.8 | 6.8 | NA | NA | NA | NA | NA | NA |

June

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/1/2019 | 5.7 | 1.07 | 3.8 | 7.6 | 5.7 | 1.7 | NA | NA | NA | NA | NA | NA |
| 6/2/2019 | 4.0 | 0.87 | 2.7 | 5.4 | 9.7 | 1.7 | NA | NA | NA | NA | NA | NA |
| 6/3/2019 | 4.3 | 0.65 | 2.8 | 5.2 | 14.0 | 2.0 | NA | NA | NA | NA | NA | NA |
| 6/4/2019 | 7.3 | 1.81 | 4.4 | 8.8 | 21.3 | 5.3 | NA | NA | NA | NA | NA | NA |
| 6/5/2019 | 6.9 | 1.14 | 5.0 | 8.3 | 28.1 | 8.1 | NA | NA | NA | NA | NA | NA |
| 6/6/2019 | 5.9 | 1.28 | 4.6 | 8.1 | 34.0 | 10.0 | NA | NA | NA | NA | NA | NA |
| 6/7/2019 | 5.8 | 1.13 | 4.8 | 8.1 | 39.8 | 11.8 | NA | NA | NA | NA | NA | NA |
| 6/8/2019 | 5.4 | 0.70 | 4.8 | 6.9 | 45.3 | 13.3 | NA | NA | NA | NA | NA | NA |
| 6/9/2019 | 5.5 | 0.44 | 5.0 | 6.4 | 50.8 | 14.8 | NA | NA | NA | NA | NA | NA |
| 6/10/2019 | 5.5 | 0.43 | 4.9 | 6.3 | 56.3 | 16.3 | NA | NA | NA | NA | NA | NA |
| 6/11/2019 | 5.7 | 0.42 | 5.0 | 6.1 | 62.0 | 18.0 | NA | NA | NA | NA | NA | NA |
| 6/12/2019 | 8.2 | 1.91 | 5.9 | 10.5 | 70.2 | 22.2 | NA | NA | NA | NA | NA | NA |
| 6/13/2019 | 9.0 | 1.67 | 6.4 | 11.8 | 79.3 | 27.3 | NA | NA | NA | NA | NA | NA |
| 6/14/2019 | 7.8 | 0.98 | 5.8 | 8.8 | 87.1 | 31.1 | NA | NA | NA | NA | NA | NA |
| 6/15/2019 | 10.5 | 1.34 | 8.7 | 12.0 | 97.7 | 37.7 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/16/2019 | 10.1 | 1.27 | 8.4 | 11.8 | 107.7 | 43.7 | NA | NA | NA | NA | NA | NA |
| 6/17/2019 | 9.2 | 0.99 | 7.5 | 10.8 | 116.9 | 48.9 | NA | NA | NA | NA | NA | NA |
| 6/18/2019 | 8.9 | 0.83 | 7.3 | 10.4 | 125.8 | 53.8 | NA | NA | NA | NA | NA | NA |
| 6/19/2019 | 9.3 | 1.21 | 7.7 | 11.2 | 135.2 | 59.2 | NA | NA | NA | NA | NA | NA |
| 6/20/2019 | 9.1 | 0.76 | 7.7 | 9.8 | 144.2 | 64.2 | NA | NA | NA | NA | NA | NA |
| 6/21/2019 | 9.6 | 0.65 | 8.9 | 11.4 | 153.8 | 69.8 | NA | NA | NA | NA | NA | NA |
| 6/22/2019 | 6.8 | 0.57 | 6.2 | 8.4 | 160.7 | 72.7 | NA | NA | NA | NA | NA | NA |
| 6/23/2019 | 7.7 | 1.45 | 6.0 | 9.7 | 168.4 | 76.4 | NA | NA | NA | NA | NA | NA |
| 6/24/2019 | 9.8 | 0.61 | 8.5 | 10.3 | 178.2 | 82.2 | NA | NA | NA | NA | NA | NA |
| 6/25/2019 | 10.9 | 0.70 | 10.0 | 11.9 | 189.1 | 89.1 | NA | NA | NA | NA | NA | NA |
| 6/26/2019 | 12.7 | 0.37 | 12.1 | 13.1 | 201.8 | 97.8 | NA | NA | NA | NA | NA | NA |
| 6/27/2019 | 12.1 | 0.64 | 11.1 | 12.8 | 213.9 | 105.9 | NA | NA | NA | NA | NA | NA |
| 6/28/2019 | 11.0 | 0.31 | 10.5 | 11.5 | 224.9 | 112.9 | NA | NA | NA | NA | NA | NA |
| 6/29/2019 | 10.1 | 1.30 | 7.4 | 11.1 | 235.0 | 119.0 | NA | NA | NA | NA | NA | NA |
| 6/30/2019 | 8.5 | 1.30 | 6.5 | 10.8 | 243.5 | 123.5 | NA | NA | NA | NA | NA | NA |

July

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/1/2019 | 7.9 | 0.70 | 6.2 | 9.0 | 7.9 | 3.9 | NA | NA | NA | NA | NA | NA |
| 7/2/2019 | 10.0 | 1.33 | 7.2 | 11.6 | 17.9 | 9.9 | NA | NA | NA | NA | NA | NA |
| 7/3/2019 | 11.0 | 0.15 | 10.7 | 11.1 | 28.9 | 16.9 | NA | NA | NA | NA | NA | NA |
| 7/4/2019 | 11.0 | 0.27 | 10.3 | 11.4 | 39.8 | 23.8 | NA | NA | NA | NA | NA | NA |
| 7/5/2019 | 10.9 | 0.28 | 10.5 | 11.4 | 50.7 | 30.7 | NA | NA | NA | NA | NA | NA |
| 7/6/2019 | 11.2 | 0.67 | 9.9 | 12.0 | 61.9 | 37.9 | NA | NA | NA | NA | NA | NA |
| 7/7/2019 | 11.0 | 1.12 | 9.3 | 12.8 | 72.9 | 44.9 | NA | NA | NA | NA | NA | NA |
| 7/8/2019 | 11.0 | 0.88 | 9.6 | 12.2 | 83.9 | 51.9 | NA | NA | NA | NA | NA | NA |
| 7/9/2019 | 11.5 | 1.33 | 9.0 | 13.1 | 95.4 | 59.4 | NA | NA | NA | NA | NA | NA |
| 7/10/2019 | 10.9 | 0.59 | 9.7 | 11.8 | 106.3 | 66.3 | NA | NA | NA | NA | NA | NA |
| 7/11/2019 | 11.2 | 0.46 | 10.1 | 11.8 | 117.5 | 73.5 | NA | NA | NA | NA | NA | NA |
| 7/12/2019 | 10.9 | 0.80 | 9.2 | 11.9 | 128.4 | 80.4 | NA | NA | NA | NA | NA | NA |
| 7/13/2019 | 8.4 | 1.26 | 6.9 | 10.4 | 136.8 | 84.8 | NA | NA | NA | NA | NA | NA |
| 7/14/2019 | 7.6 | 0.68 | 6.6 | 8.9 | 144.4 | 88.4 | NA | NA | NA | NA | NA | NA |
| 7/15/2019 | 8.4 | 0.82 | 7.3 | 10.1 | 152.8 | 92.8 | NA | NA | NA | NA | NA | NA |
| 7/16/2019 | 10.4 | 1.29 | 8.4 | 13.7 | 163.2 | 99.2 | NA | NA | NA | NA | NA | NA |
| 7/17/2019 | 10.6 | 1.23 | 8.8 | 12.9 | 173.8 | 105.8 | NA | NA | NA | NA | NA | NA |
| 7/18/2019 | 10.7 | 1.63 | 8.9 | 14.1 | 184.5 | 112.5 | NA | NA | NA | NA | NA | NA |
| 7/19/2019 | 10.1 | 0.72 | 8.9 | 11.2 | 194.7 | 118.7 | NA | NA | NA | NA | NA | NA |
| 7/20/2019 | 11.3 | 1.29 | 9.3 | 13.2 | 206.0 | 126.0 | NA | NA | NA | NA | NA | NA |
| 7/21/2019 | 10.9 | 0.88 | 9.8 | 12.4 | 216.9 | 132.9 | NA | NA | NA | NA | NA | NA |
| 7/22/2019 | 10.6 | 1.16 | 8.7 | 12.5 | 227.4 | 139.4 | NA | NA | NA | NA | NA | NA |
| 7/23/2019 | 10.8 | 0.73 | 9.8 | 12.0 | 238.2 | 146.2 | NA | NA | NA | NA | NA | NA |
| 7/24/2019 | 11.1 | 0.59 | 9.8 | 11.9 | 249.3 | 153.3 | NA | NA | NA | NA | NA | NA |
| 7/25/2019 | 11.0 | 0.47 | 10.3 | 11.8 | 260.4 | 160.4 | NA | NA | NA | NA | NA | NA |
| 7/26/2019 | 10.6 | 0.65 | 9.7 | 11.8 | 271.0 | 167.0 | NA | NA | NA | NA | NA | NA |
| 7/27/2019 | 10.8 | 0.67 | 10.2 | 12.4 | 281.8 | 173.8 | NA | NA | NA | NA | NA | NA |
| 7/28/2019 | 10.6 | 0.78 | 9.4 | 12.1 | 292.4 | 180.4 | NA | NA | NA | NA | NA | NA |
| 7/29/2019 | 10.5 | 2.01 | 8.6 | 16.4 | 302.9 | 186.9 | NA | NA | NA | NA | NA | NA |
| 7/30/2019 | 9.0 | 0.95 | 7.6 | 10.8 | 311.9 | 191.9 | NA | NA | NA | NA | NA | NA |
| 7/31/2019 | 9.3 | 0.75 | 7.8 | 10.2 | 321.1 | 197.1 | NA | NA | NA | NA | NA | NA |

August

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/1/2019 | 9.6 | 0.83 | 8.3 | 10.7 | 9.6 | 5.6 | NA | NA | NA | NA | NA | NA |
| 8/2/2019 | 9.8 | 1.01 | 8.3 | 11.1 | 19.4 | 11.4 | NA | NA | NA | NA | NA | NA |
| 8/3/2019 | 10.3 | 1.07 | 8.4 | 12.0 | 29.6 | 17.6 | NA | NA | NA | NA | NA | NA |
| 8/4/2019 | 11.0 | 1.01 | 9.1 | 12.6 | 40.6 | 24.6 | NA | NA | NA | NA | NA | NA |
| 8/5/2019 | 11.5 | 0.66 | 10.6 | 12.3 | 52.1 | 32.1 | NA | NA | NA | NA | NA | NA |
| 8/6/2019 | 11.9 | 0.33 | 11.5 | 12.6 | 64.0 | 40.0 | NA | NA | NA | NA | NA | NA |
| 8/7/2019 | 12.7 | 0.83 | 11.7 | 14.9 | 76.7 | 48.7 | NA | NA | NA | NA | NA | NA |
| 8/8/2019 | 13.1 | 0.70 | 12.0 | 15.0 | 89.8 | 57.8 | NA | NA | NA | NA | NA | NA |
| 8/9/2019 | 12.1 | 0.97 | 10.4 | 13.2 | 101.9 | 65.9 | NA | NA | NA | NA | NA | NA |
| 8/10/2019 | 10.3 | 0.87 | 9.0 | 12.2 | 112.2 | 72.2 | NA | NA | NA | NA | NA | NA |
| 8/11/2019 | 12.4 | 1.38 | 10.8 | 16.0 | 124.6 | 80.6 | NA | NA | NA | NA | NA | NA |
| 8/12/2019 | 13.5 | 1.55 | 11.6 | 17.3 | 138.1 | 90.1 | NA | NA | NA | NA | NA | NA |
| 8/13/2019 | 12.9 | 3.09 | 9.1 | 19.0 | 151.1 | 99.1 | NA | NA | NA | NA | NA | NA |
| 8/14/2019 | 9.6 | 2.46 | 7.2 | 14.9 | 160.7 | 104.7 | NA | NA | NA | NA | NA | NA |
| 8/15/2019 | 10.0 | 1.35 | 7.8 | 11.7 | 170.6 | 110.6 | NA | NA | NA | NA | NA | NA |
| 8/16/2019 | 10.1 | 1.75 | 8.3 | 14.6 | 180.8 | 116.8 | NA | NA | NA | NA | NA | NA |
| 8/17/2019 | 11.2 | 1.22 | 8.9 | 13.2 | 192.0 | 124.0 | NA | NA | NA | NA | NA | NA |
| 8/18/2019 | 12.1 | 0.95 | 10.5 | 13.3 | 204.1 | 132.1 | NA | NA | NA | NA | NA | NA |
| 8/19/2019 | 12.0 | 1.02 | 11.0 | 14.6 | 216.1 | 140.1 | NA | NA | NA | NA | NA | NA |
| 8/20/2019 | 13.2 | 1.81 | 10.9 | 18.0 | 229.4 | 149.4 | NA | NA | NA | NA | NA | NA |
| 8/21/2019 | 12.3 | 0.90 | 10.8 | 13.7 | 241.7 | 157.7 | NA | NA | NA | NA | NA | NA |
| 8/22/2019 | 13.1 | 0.41 | 12.4 | 13.9 | 254.8 | 166.8 | NA | NA | NA | NA | NA | NA |
| 8/23/2019 | 12.2 | 1.36 | 10.3 | 14.2 | 267.0 | 175.0 | NA | NA | NA | NA | NA | NA |
| 8/24/2019 | 11.1 | 3.21 | 8.2 | 17.6 | 278.1 | 182.1 | NA | NA | NA | NA | NA | NA |
| 8/25/2019 | 9.2 | 0.25 | 8.8 | 9.6 | 287.3 | 187.3 | NA | NA | NA | NA | NA | NA |
| 8/26/2019 | 10.8 | 0.48 | 9.7 | 11.4 | 298.1 | 194.1 | NA | NA | NA | NA | NA | NA |
| 8/27/2019 | 12.4 | 0.65 | 11.5 | 14.0 | 310.5 | 202.5 | NA | NA | NA | NA | NA | NA |
| 8/28/2019 | 12.8 | 0.88 | 11.6 | 14.2 | 323.4 | 211.4 | NA | NA | NA | NA | NA | NA |
| 8/29/2019 | 11.7 | 1.34 | 9.7 | 13.5 | 335.0 | 219.0 | NA | NA | NA | NA | NA | NA |
| 8/30/2019 | 12.3 | 1.60 | 10.2 | 16.0 | 347.3 | 227.3 | NA | NA | NA | NA | NA | NA |
| 8/31/2019 | 12.8 | 1.86 | 10.7 | 17.4 | 360.1 | 236.1 | NA | NA | NA | NA | NA | NA |

September

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/1/2019 | 12.7 | 2.29 | 10.2 | 17.9 | 12.7 | 8.7 | NA | NA | NA | NA | NA | NA |
| 9/2/2019 | 12.1 | 1.48 | 10.0 | 15.3 | 24.9 | 16.9 | NA | NA | NA | NA | NA | NA |
| 9/3/2019 | 14.6 | 2.28 | 10.5 | 17.0 | 39.4 | 27.4 | NA | NA | NA | NA | NA | NA |
| 9/4/2019 | 11.5 | 1.19 | 10.1 | 13.5 | 51.0 | 35.0 | NA | NA | NA | NA | NA | NA |
| 9/5/2019 | 15.3 | 2.21 | 11.4 | 17.3 | 66.2 | 46.2 | NA | NA | NA | NA | NA | NA |
| 9/6/2019 | 14.3 | 2.83 | 10.3 | 17.5 | 80.6 | 56.6 | NA | NA | NA | NA | NA | NA |
| 9/7/2019 | 10.6 | 2.57 | 7.2 | 14.8 | 91.2 | 63.2 | NA | NA | NA | NA | NA | NA |
| 9/8/2019 | 11.4 | 0.96 | 10.1 | 13.4 | 102.5 | 70.5 | NA | NA | NA | NA | NA | NA |
| 9/9/2019 | 12.0 | 0.23 | 11.6 | 12.3 | 114.5 | 78.5 | NA | NA | NA | NA | NA | NA |
| 9/10/2019 | 13.5 | 0.59 | 12.4 | 14.4 | 128.0 | 88.0 | NA | NA | NA | NA | NA | NA |
| 9/11/2019 | 13.8 | 0.23 | 13.4 | 14.2 | 141.8 | 97.8 | NA | NA | NA | NA | NA | NA |
| 9/12/2019 | 14.1 | 0.43 | 13.7 | 15.0 | 155.9 | 107.9 | NA | NA | NA | NA | NA | NA |
| 9/13/2019 | 13.9 | 0.31 | 13.5 | 14.4 | 169.8 | 117.8 | NA | NA | NA | NA | NA | NA |
| 9/14/2019 | 13.9 | 0.29 | 13.3 | 14.2 | 183.7 | 127.7 | NA | NA | NA | NA | NA | NA |
| 9/15/2019 | 14.3 | 0.16 | 13.9 | 14.6 | 198.0 | 138.0 | NA | NA | NA | NA | NA | NA |
| 9/16/2019 | 14.6 | 0.09 | 14.4 | 14.7 | 212.6 | 148.6 | NA | NA | NA | NA | NA | NA |
| 9/17/2019 | 12.8 | 0.64 | 12.3 | 14.6 | 225.4 | 157.4 | NA | NA | NA | NA | NA | NA |
| 9/18/2019 | 12.3 | 0.18 | 12.0 | 12.7 | 237.6 | 165.6 | NA | NA | NA | NA | NA | NA |
| 9/19/2019 | 13.0 | 0.46 | 12.2 | 13.4 | 250.6 | 174.6 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/20/2019 | 13.9 | 0.18 | 13.5 | 14.1 | 264.5 | 184.5 | NA | NA | NA | NA | NA | NA |
| 9/21/2019 | 12.7 | 0.54 | 12.2 | 14.1 | 277.3 | 193.3 | NA | NA | NA | NA | NA | NA |
| 9/22/2019 | 12.9 | 0.42 | 12.3 | 13.9 | 290.1 | 202.1 | NA | NA | NA | NA | NA | NA |
| 9/23/2019 | 14.0 | 0.53 | 13.4 | 14.6 | 304.1 | 212.1 | NA | NA | NA | NA | NA | NA |
| 9/24/2019 | 13.1 | 0.65 | 11.8 | 13.7 | 317.2 | 221.2 | NA | NA | NA | NA | NA | NA |
| 9/25/2019 | 12.1 | 0.25 | 11.8 | 12.4 | 329.4 | 229.4 | NA | NA | NA | NA | NA | NA |
| 9/26/2019 | 13.1 | 0.42 | 12.3 | 14.0 | 342.5 | 238.5 | NA | NA | NA | NA | NA | NA |
| 9/27/2019 | 14.0 | 0.50 | 12.9 | 14.6 | 356.5 | 248.5 | NA | NA | NA | NA | NA | NA |
| 9/28/2019 | 13.7 | 0.27 | 13.3 | 14.1 | 370.2 | 258.2 | NA | NA | NA | NA | NA | NA |
| 9/29/2019 | 13.9 | 0.17 | 13.6 | 14.1 | 384.1 | 268.1 | NA | NA | NA | NA | NA | NA |
| 9/30/2019 | 13.2 | 0.19 | 12.9 | 13.6 | 397.4 | 277.4 | NA | NA | NA | NA | NA | NA |

October

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/1/2019 | 13.5 | 0.15 | 13.2 | 13.6 | 13.5 | 9.5 | NA | NA | NA | NA | NA | NA |
| 10/2/2019 | 13.1 | 0.25 | 12.7 | 13.5 | 26.5 | 18.5 | NA | NA | NA | NA | NA | NA |
| 10/3/2019 | 12.3 | 0.24 | 11.9 | 12.7 | 38.9 | 26.9 | NA | NA | NA | NA | NA | NA |
| 10/4/2019 | 12.7 | 0.02 | 12.7 | 12.8 | 51.6 | 35.6 | NA | NA | NA | NA | NA | NA |
| 10/5/2019 | 12.4 | 0.22 | 12.0 | 12.7 | 64.0 | 44.0 | NA | NA | NA | NA | NA | NA |
| 10/6/2019 | 12.6 | 0.13 | 12.3 | 12.7 | 76.5 | 52.5 | NA | NA | NA | NA | NA | NA |
| 10/7/2019 | 12.4 | 0.10 | 12.2 | 12.5 | 88.9 | 60.9 | NA | NA | NA | NA | NA | NA |
| 10/8/2019 | 12.4 | 0.22 | 12.0 | 12.6 | 101.3 | 69.3 | NA | NA | NA | NA | NA | NA |
| 10/9/2019 | 12.0 | 0.20 | 11.9 | 12.5 | 113.4 | 77.4 | NA | NA | NA | NA | NA | NA |
| 10/10/2019 | 11.9 | 0.20 | 11.7 | 12.4 | 125.3 | 85.3 | NA | NA | NA | NA | NA | NA |
| 10/11/2019 | 11.8 | 0.09 | 11.6 | 11.9 | 137.1 | 93.1 | NA | NA | NA | NA | NA | NA |
| 10/12/2019 | 11.2 | 0.55 | 10.3 | 11.9 | 148.3 | 100.3 | NA | NA | NA | NA | NA | NA |
| 10/13/2019 | 10.7 | 0.36 | 10.2 | 11.5 | 159.0 | 107.0 | NA | NA | NA | NA | NA | NA |
| 10/14/2019 | 11.6 | 0.39 | 10.7 | 11.9 | 170.5 | 114.5 | NA | NA | NA | NA | NA | NA |
| 10/15/2019 | 12.1 | 0.14 | 11.9 | 12.3 | 182.6 | 122.6 | NA | NA | NA | NA | NA | NA |
| 10/16/2019 | 11.7 | 0.31 | 11.3 | 12.3 | 194.4 | 130.4 | NA | NA | NA | NA | NA | NA |
| 10/17/2019 | 11.2 | 0.31 | 10.7 | 11.8 | 205.6 | 137.6 | NA | NA | NA | NA | NA | NA |
| 10/18/2019 | 10.8 | 0.22 | 10.6 | 11.2 | 216.4 | 144.4 | NA | NA | NA | NA | NA | NA |
| 10/19/2019 | 11.1 | 0.11 | 10.9 | 11.3 | 227.5 | 151.5 | NA | NA | NA | NA | NA | NA |
| 10/20/2019 | 11.0 | 0.05 | 10.9 | 11.1 | 238.5 | 158.5 | NA | NA | NA | NA | NA | NA |
| 10/21/2019 | 11.0 | 0.06 | 11.0 | 11.2 | 249.5 | 165.5 | NA | NA | NA | NA | NA | NA |
| 10/22/2019 | 11.1 | 0.05 | 11.1 | 11.2 | 260.6 | 172.6 | NA | NA | NA | NA | NA | NA |
| 10/23/2019 | 10.9 | 0.08 | 10.8 | 11.0 | 271.6 | 179.6 | NA | NA | NA | NA | NA | NA |
| 10/24/2019 | 11.1 | 0.04 | 11.0 | 11.2 | 282.7 | 186.7 | NA | NA | NA | NA | NA | NA |
| 10/25/2019 | 11.2 | 0.04 | 11.1 | 11.2 | 293.9 | 193.9 | NA | NA | NA | NA | NA | NA |
| 10/26/2019 | 11.0 | 0.10 | 10.9 | 11.2 | 304.9 | 200.9 | NA | NA | NA | NA | NA | NA |
| 10/27/2019 | 10.7 | 0.05 | 10.6 | 10.8 | 315.6 | 207.6 | NA | NA | NA | NA | NA | NA |
| 10/28/2019 | 10.5 | 0.13 | 10.3 | 10.7 | 326.1 | 214.1 | NA | NA | NA | NA | NA | NA |
| 10/29/2019 | 10.4 | 0.08 | 10.2 | 10.5 | 336.5 | 220.5 | NA | NA | NA | NA | NA | NA |
| 10/30/2019 | 10.5 | 0.06 | 10.4 | 10.6 | 347.0 | 227.0 | NA | NA | NA | NA | NA | NA |
| 10/31/2019 | 10.6 | 0.10 | 10.3 | 10.7 | 357.6 | 233.6 | NA | NA | NA | NA | NA | NA |

November

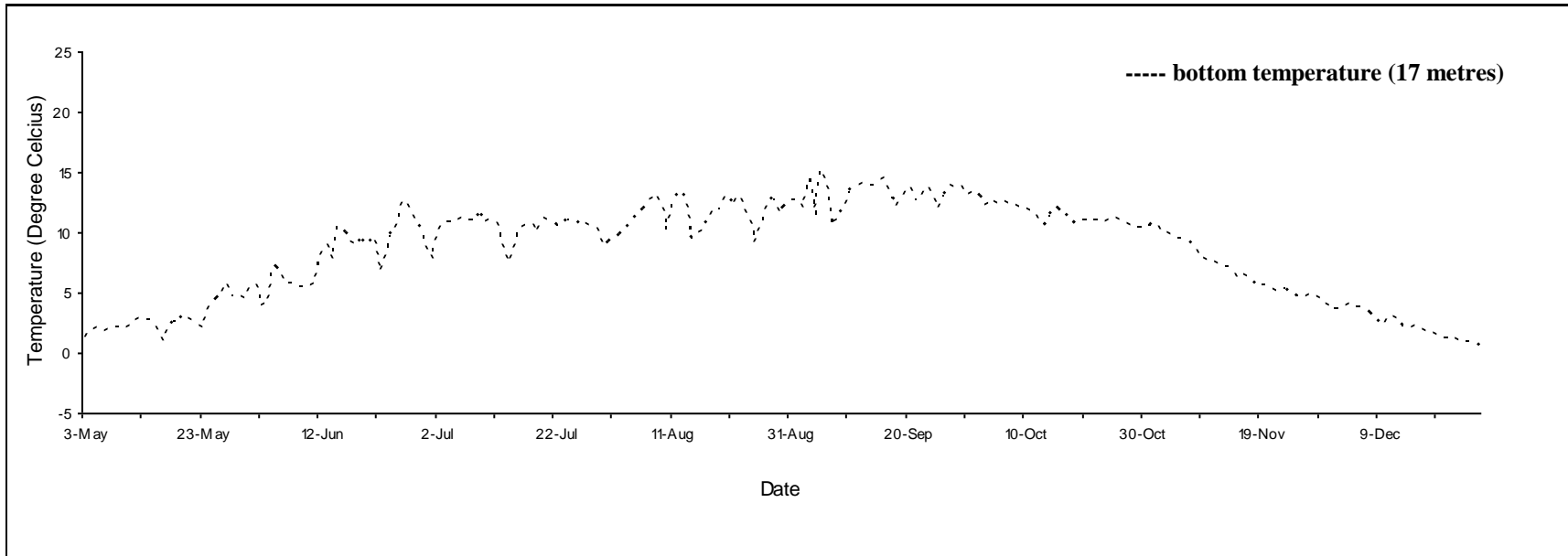
| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 11/1/2019 | 10.9 | 0.16 | 10.7 | 11.2 | 10.9 | 6.9 | NA | NA | NA | NA | NA | NA |
| 11/2/2019 | 10.2 | 0.34 | 9.8 | 10.7 | 21.1 | 13.1 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 11/3/2019 | 10.1 | 0.10 | 9.9 | 10.2 | 31.2 | 19.2 | NA | NA | NA | NA | NA | NA |
| 11/4/2019 | 9.7 | 0.10 | 9.5 | 9.9 | 40.9 | 24.9 | NA | NA | NA | NA | NA | NA |
| 11/5/2019 | 9.6 | 0.17 | 9.4 | 9.9 | 50.5 | 30.5 | NA | NA | NA | NA | NA | NA |
| 11/6/2019 | 9.5 | 0.05 | 9.4 | 9.6 | 60.0 | 36.0 | NA | NA | NA | NA | NA | NA |
| 11/7/2019 | 9.1 | 0.13 | 8.9 | 9.3 | 69.1 | 41.1 | NA | NA | NA | NA | NA | NA |
| 11/8/2019 | 8.6 | 0.25 | 8.3 | 9.0 | 77.7 | 45.7 | NA | NA | NA | NA | NA | NA |
| 11/9/2019 | 7.9 | 0.16 | 7.7 | 8.2 | 85.6 | 49.6 | NA | NA | NA | NA | NA | NA |
| 11/10/2019 | 7.6 | 0.39 | 6.4 | 7.8 | 93.2 | 53.2 | NA | NA | NA | NA | NA | NA |
| 11/11/2019 | 7.6 | 0.06 | 7.5 | 7.7 | 100.8 | 56.8 | NA | NA | NA | NA | NA | NA |
| 11/12/2019 | 7.3 | 0.33 | 6.6 | 7.6 | 108.1 | 60.1 | NA | NA | NA | NA | NA | NA |
| 11/13/2019 | 7.2 | 0.11 | 7.0 | 7.4 | 115.2 | 63.2 | NA | NA | NA | NA | NA | NA |
| 11/14/2019 | 6.9 | 0.23 | 6.4 | 7.1 | 122.1 | 66.1 | NA | NA | NA | NA | NA | NA |
| 11/15/2019 | 6.2 | 0.84 | 4.4 | 6.8 | 128.4 | 68.4 | NA | NA | NA | NA | NA | NA |
| 11/16/2019 | 6.4 | 0.16 | 6.2 | 6.7 | 134.8 | 70.8 | NA | NA | NA | NA | NA | NA |
| 11/17/2019 | 6.1 | 0.06 | 6.0 | 6.2 | 140.9 | 72.9 | NA | NA | NA | NA | NA | NA |
| 11/18/2019 | 5.6 | 0.66 | 3.8 | 6.0 | 146.5 | 74.5 | NA | NA | NA | NA | NA | NA |
| 11/19/2019 | 5.6 | 0.12 | 5.5 | 5.9 | 152.2 | 76.2 | NA | NA | NA | NA | NA | NA |
| 11/20/2019 | 5.6 | 0.04 | 5.5 | 5.7 | 157.8 | 77.8 | NA | NA | NA | NA | NA | NA |
| 11/21/2019 | 5.3 | 0.15 | 5.1 | 5.5 | 163.1 | 79.1 | NA | NA | NA | NA | NA | NA |
| 11/22/2019 | 5.1 | 0.05 | 5.0 | 5.2 | 168.2 | 80.2 | NA | NA | NA | NA | NA | NA |
| 11/23/2019 | 5.3 | 0.08 | 5.2 | 5.5 | 173.5 | 81.5 | NA | NA | NA | NA | NA | NA |
| 11/24/2019 | 5.0 | 0.29 | 4.3 | 5.3 | 178.5 | 82.5 | NA | NA | NA | NA | NA | NA |
| 11/25/2019 | 4.7 | 0.38 | 3.8 | 5.3 | 183.2 | 83.2 | NA | NA | NA | NA | NA | NA |
| 11/26/2019 | 4.7 | 0.26 | 4.1 | 5.0 | 187.9 | 83.9 | NA | NA | NA | NA | NA | NA |
| 11/27/2019 | 4.9 | 0.08 | 4.8 | 5.0 | 192.8 | 84.8 | NA | NA | NA | NA | NA | NA |
| 11/28/2019 | 4.8 | 0.29 | 4.3 | 5.2 | 197.6 | 85.6 | NA | NA | NA | NA | NA | NA |
| 11/29/2019 | 4.5 | 0.45 | 3.9 | 5.0 | 202.1 | 86.1 | NA | NA | NA | NA | NA | NA |
| 11/30/2019 | 4.1 | 0.20 | 3.9 | 4.5 | 206.2 | 86.2 | NA | NA | NA | NA | NA | NA |

December

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 12/1/2019 | 3.7 | 0.10 | 3.5 | 3.8 | 3.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/2/2019 | 3.6 | 0.15 | 3.4 | 3.8 | 7.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/3/2019 | 3.9 | 0.18 | 3.7 | 4.2 | 11.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/4/2019 | 4.1 | 0.20 | 3.7 | 4.3 | 15.2 | 0.1 | NA | NA | NA | NA | NA | NA |
| 12/5/2019 | 3.8 | 0.20 | 3.6 | 4.1 | 19.1 | 0.1 | NA | NA | NA | NA | NA | NA |
| 12/6/2019 | 3.8 | 0.19 | 3.5 | 4.0 | 22.8 | 0.1 | NA | NA | NA | NA | NA | NA |
| 12/7/2019 | 3.5 | 0.05 | 3.4 | 3.6 | 26.4 | 0.1 | NA | NA | NA | NA | NA | NA |
| 12/8/2019 | 3.1 | 0.40 | 2.2 | 3.4 | 29.5 | 0.1 | NA | NA | NA | NA | NA | NA |
| 12/9/2019 | 2.4 | 0.35 | 1.5 | 2.7 | 31.9 | 0.1 | NA | NA | NA | NA | NA | NA |
| 12/10/2019 | 2.5 | 0.62 | 1.5 | 3.3 | 34.4 | 0.1 | NA | NA | NA | NA | NA | NA |
| 12/11/2019 | 3.2 | 0.16 | 2.8 | 3.3 | 37.6 | 0.1 | NA | NA | NA | NA | NA | NA |
| 12/12/2019 | 2.8 | 0.28 | 2.4 | 3.1 | 40.4 | 0.1 | NA | NA | NA | NA | NA | NA |
| 12/13/2019 | 2.2 | 0.52 | 0.9 | 2.6 | 42.6 | 0.1 | NA | NA | NA | NA | NA | NA |
| 12/14/2019 | 2.1 | 0.72 | 0.3 | 2.5 | 44.7 | 0.1 | NA | NA | NA | NA | NA | NA |
| 12/15/2019 | 2.3 | 0.09 | 2.0 | 2.3 | 46.9 | 0.1 | NA | NA | NA | NA | NA | NA |
| 12/16/2019 | 2.2 | 0.12 | 2.0 | 2.4 | 49.1 | 0.1 | NA | NA | NA | NA | NA | NA |
| 12/17/2019 | 1.8 | 0.10 | 1.6 | 2.0 | 50.9 | 0.1 | NA | NA | NA | NA | NA | NA |
| 12/18/2019 | 1.7 | 0.05 | 1.6 | 1.8 | 52.6 | 0.1 | NA | NA | NA | NA | NA | NA |
| 12/19/2019 | 1.4 | 0.13 | 1.2 | 1.6 | 54.0 | 0.1 | NA | NA | NA | NA | NA | NA |
| 12/20/2019 | 1.3 | 0.06 | 1.1 | 1.3 | 55.2 | 0.1 | NA | NA | NA | NA | NA | NA |
| 12/21/2019 | 1.2 | 0.06 | 1.1 | 1.3 | 56.4 | 0.1 | NA | NA | NA | NA | NA | NA |
| 12/22/2019 | 1.2 | 0.05 | 1.1 | 1.2 | 57.6 | 0.1 | NA | NA | NA | NA | NA | NA |
| 12/23/2019 | 1.0 | 0.07 | 0.8 | 1.1 | 58.6 | 0.1 | NA | NA | NA | NA | NA | NA |
| 12/24/2019 | 0.9 | 0.04 | 0.8 | 1.0 | 59.5 | 0.1 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 12/25/2019 | 0.9 | 0.05 | 0.7 | 0.9 | 60.4 | 0.1 | NA | NA | NA | NA | NA | NA |
| 12/26/2019 | 0.7 | 0.03 | 0.6 | 0.7 | 61.0 | 0.1 | NA | NA | NA | NA | NA | NA |



Daily mean temperature for North Cape, P.E.I., 2019.

North Tracadie, P.E.I.

2019

May

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 5/1/2019 | 2.3 | 0.12 | 2.1 | 2.5 | 2.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/2/2019 | 2.7 | 0.33 | 2.2 | 3.1 | 5.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/3/2019 | 2.9 | 0.12 | 2.6 | 3.0 | 7.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/4/2019 | 2.7 | 0.09 | 2.6 | 2.9 | 10.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/5/2019 | 2.6 | 0.03 | 2.5 | 2.6 | 13.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/6/2019 | 2.6 | 0.04 | 2.5 | 2.7 | 15.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/7/2019 | 2.5 | 0.02 | 2.5 | 2.6 | 18.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/8/2019 | 4.4 | 0.96 | 2.6 | 5.5 | 22.7 | 0.4 | NA | NA | NA | NA | NA | NA |
| 5/9/2019 | 5.1 | 0.30 | 4.5 | 5.4 | 27.7 | 1.5 | NA | NA | NA | NA | NA | NA |
| 5/10/2019 | 5.4 | 0.04 | 5.4 | 5.5 | 33.2 | 2.9 | NA | NA | NA | NA | NA | NA |
| 5/11/2019 | 5.3 | 0.08 | 5.2 | 5.4 | 38.4 | 4.2 | NA | NA | NA | NA | NA | NA |
| 5/12/2019 | 5.7 | 0.13 | 5.5 | 5.8 | 44.1 | 5.9 | NA | NA | NA | NA | NA | NA |
| 5/13/2019 | 5.9 | 0.05 | 5.9 | 6.0 | 50.0 | 7.8 | NA | NA | NA | NA | NA | NA |
| 5/14/2019 | 4.6 | 0.92 | 3.5 | 5.8 | 54.6 | 8.4 | NA | NA | NA | NA | NA | NA |
| 5/15/2019 | 3.0 | 0.33 | 2.4 | 3.3 | 57.5 | 8.4 | NA | NA | NA | NA | NA | NA |
| 5/16/2019 | 2.8 | 0.33 | 2.6 | 3.6 | 60.3 | 8.4 | NA | NA | NA | NA | NA | NA |
| 5/17/2019 | 4.1 | 0.26 | 3.5 | 4.4 | 64.4 | 8.4 | NA | NA | NA | NA | NA | NA |
| 5/18/2019 | 4.3 | 0.28 | 3.9 | 4.7 | 68.7 | 8.7 | NA | NA | NA | NA | NA | NA |
| 5/19/2019 | 4.7 | 0.09 | 4.6 | 4.9 | 73.4 | 9.4 | NA | NA | NA | NA | NA | NA |
| 5/20/2019 | 4.2 | 0.13 | 4.0 | 4.4 | 77.6 | 9.6 | NA | NA | NA | NA | NA | NA |
| 5/21/2019 | 4.2 | 0.10 | 4.1 | 4.5 | 81.9 | 9.9 | NA | NA | NA | NA | NA | NA |
| 5/22/2019 | 5.0 | 0.10 | 4.8 | 5.1 | 86.8 | 10.8 | NA | NA | NA | NA | NA | NA |
| 5/23/2019 | 5.1 | 0.16 | 4.9 | 5.3 | 92.0 | 12.0 | NA | NA | NA | NA | NA | NA |
| 5/24/2019 | 5.0 | 0.06 | 4.9 | 5.0 | 96.9 | 12.9 | NA | NA | NA | NA | NA | NA |
| 5/25/2019 | 4.9 | 0.07 | 4.8 | 5.0 | 101.8 | 13.8 | NA | NA | NA | NA | NA | NA |
| 5/26/2019 | 4.9 | 0.02 | 4.8 | 4.9 | 106.7 | 14.7 | NA | NA | NA | NA | NA | NA |
| 5/27/2019 | 4.9 | 0.01 | 4.8 | 4.9 | 111.5 | 15.6 | NA | NA | NA | NA | NA | NA |
| 5/28/2019 | 5.1 | 0.24 | 4.9 | 5.5 | 116.6 | 16.7 | NA | NA | NA | NA | NA | NA |
| 5/29/2019 | 5.2 | 0.09 | 5.0 | 5.3 | 121.8 | 17.8 | NA | NA | NA | NA | NA | NA |
| 5/30/2019 | 5.0 | 0.04 | 4.9 | 5.1 | 126.8 | 18.8 | NA | NA | NA | NA | NA | NA |
| 5/31/2019 | 4.5 | 0.26 | 4.1 | 4.9 | 131.3 | 19.3 | NA | NA | NA | NA | NA | NA |

June

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/1/2019 | 4.3 | 0.08 | 4.2 | 4.5 | 4.3 | 0.3 | NA | NA | NA | NA | NA | NA |
| 6/2/2019 | 4.2 | 0.28 | 3.6 | 4.4 | 8.5 | 0.5 | NA | NA | NA | NA | NA | NA |
| 6/3/2019 | 3.7 | 0.13 | 3.5 | 3.8 | 12.2 | 0.5 | NA | NA | NA | NA | NA | NA |
| 6/4/2019 | 4.7 | 0.67 | 3.8 | 5.9 | 16.9 | 1.2 | NA | NA | NA | NA | NA | NA |
| 6/5/2019 | 6.3 | 0.27 | 5.7 | 6.5 | 23.1 | 3.4 | NA | NA | NA | NA | NA | NA |
| 6/6/2019 | 7.3 | 0.56 | 6.5 | 8.0 | 30.4 | 6.7 | NA | NA | NA | NA | NA | NA |
| 6/7/2019 | 7.8 | 0.56 | 7.1 | 8.5 | 38.2 | 10.5 | NA | NA | NA | NA | NA | NA |
| 6/8/2019 | 8.8 | 0.87 | 7.7 | 10.1 | 47.0 | 15.3 | NA | NA | NA | NA | NA | NA |
| 6/9/2019 | 8.9 | 0.33 | 8.5 | 9.5 | 55.9 | 20.2 | NA | NA | NA | NA | NA | NA |
| 6/10/2019 | 9.4 | 0.63 | 8.7 | 10.3 | 65.3 | 25.6 | NA | NA | NA | NA | NA | NA |
| 6/11/2019 | 8.1 | 0.29 | 7.7 | 8.8 | 73.4 | 29.7 | NA | NA | NA | NA | NA | NA |
| 6/12/2019 | 9.6 | 1.93 | 7.2 | 11.7 | 83.0 | 35.3 | NA | NA | NA | NA | NA | NA |
| 6/13/2019 | 11.4 | 0.05 | 11.4 | 11.5 | 94.4 | 42.7 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/14/2019 | 9.5 | 1.94 | 7.0 | 11.5 | 103.9 | 48.2 | NA | NA | NA | NA | NA | NA |
| 6/15/2019 | 6.7 | 0.50 | 6.1 | 7.6 | 110.7 | 50.9 | NA | NA | NA | NA | NA | NA |
| 6/16/2019 | 7.5 | 0.54 | 6.3 | 8.1 | 118.1 | 54.4 | NA | NA | NA | NA | NA | NA |
| 6/17/2019 | 7.9 | 0.42 | 7.3 | 8.5 | 126.0 | 58.3 | NA | NA | NA | NA | NA | NA |
| 6/18/2019 | 8.1 | 0.52 | 7.2 | 8.8 | 134.1 | 62.4 | NA | NA | NA | NA | NA | NA |
| 6/19/2019 | 8.8 | 0.47 | 8.2 | 9.8 | 142.9 | 67.2 | NA | NA | NA | NA | NA | NA |
| 6/20/2019 | 9.4 | 0.71 | 8.2 | 10.1 | 152.3 | 72.6 | NA | NA | NA | NA | NA | NA |
| 6/21/2019 | 10.1 | 0.59 | 9.4 | 11.7 | 162.4 | 78.6 | NA | NA | NA | NA | NA | NA |
| 6/22/2019 | 13.1 | 0.24 | 12.6 | 13.4 | 175.5 | 87.7 | NA | NA | NA | NA | NA | NA |
| 6/23/2019 | 13.4 | 0.10 | 13.2 | 13.5 | 188.8 | 97.1 | NA | NA | NA | NA | NA | NA |
| 6/24/2019 | 13.1 | 0.19 | 12.7 | 13.3 | 201.9 | 106.2 | NA | NA | NA | NA | NA | NA |
| 6/25/2019 | 13.4 | 0.13 | 13.3 | 13.7 | 215.3 | 115.6 | NA | NA | NA | NA | NA | NA |
| 6/26/2019 | 13.0 | 0.10 | 12.9 | 13.2 | 228.3 | 124.6 | NA | NA | NA | NA | NA | NA |
| 6/27/2019 | 11.7 | 1.41 | 10.1 | 13.1 | 240.0 | 132.3 | NA | NA | NA | NA | NA | NA |
| 6/28/2019 | 8.9 | 0.59 | 8.2 | 10.4 | 248.9 | 137.2 | NA | NA | NA | NA | NA | NA |
| 6/29/2019 | 9.2 | 0.55 | 8.4 | 9.9 | 258.1 | 142.4 | NA | NA | NA | NA | NA | NA |
| 6/30/2019 | 10.6 | 0.27 | 10.1 | 11.0 | 268.6 | 148.9 | NA | NA | NA | NA | NA | NA |

July

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/1/2019 | 10.5 | 0.11 | 10.3 | 10.6 | 10.5 | 6.5 | NA | NA | NA | NA | NA | NA |
| 7/2/2019 | 10.8 | 0.55 | 10.3 | 11.8 | 21.3 | 13.3 | NA | NA | NA | NA | NA | NA |
| 7/3/2019 | 12.8 | 0.46 | 11.8 | 13.4 | 34.1 | 22.1 | NA | NA | NA | NA | NA | NA |
| 7/4/2019 | 12.6 | 0.20 | 12.2 | 12.9 | 46.7 | 30.7 | NA | NA | NA | NA | NA | NA |
| 7/5/2019 | 12.2 | 0.11 | 12.0 | 12.4 | 58.9 | 38.9 | NA | NA | NA | NA | NA | NA |
| 7/6/2019 | 12.3 | 0.11 | 12.2 | 12.5 | 71.2 | 47.2 | NA | NA | NA | NA | NA | NA |
| 7/7/2019 | 13.3 | 1.82 | 11.3 | 15.6 | 84.5 | 56.5 | NA | NA | NA | NA | NA | NA |
| 7/8/2019 | 11.9 | 0.24 | 11.6 | 12.4 | 96.3 | 64.3 | NA | NA | NA | NA | NA | NA |
| 7/9/2019 | 13.9 | 1.76 | 12.1 | 16.1 | 110.2 | 74.2 | NA | NA | NA | NA | NA | NA |
| 7/10/2019 | 13.8 | 0.56 | 12.9 | 15.1 | 124.0 | 84.0 | NA | NA | NA | NA | NA | NA |
| 7/11/2019 | 14.2 | 0.99 | 12.8 | 15.9 | 138.2 | 94.2 | NA | NA | NA | NA | NA | NA |
| 7/12/2019 | 11.8 | 0.85 | 10.6 | 14.0 | 150.1 | 102.1 | NA | NA | NA | NA | NA | NA |
| 7/13/2019 | 9.5 | 0.32 | 9.1 | 10.2 | 159.6 | 107.6 | NA | NA | NA | NA | NA | NA |
| 7/14/2019 | 9.2 | 0.10 | 9.1 | 9.4 | 168.8 | 112.8 | NA | NA | NA | NA | NA | NA |
| 7/15/2019 | 10.0 | 0.52 | 9.3 | 10.9 | 178.9 | 118.9 | NA | NA | NA | NA | NA | NA |
| 7/16/2019 | 12.1 | 0.97 | 11.0 | 14.4 | 190.9 | 126.9 | NA | NA | NA | NA | NA | NA |
| 7/17/2019 | 11.6 | 0.88 | 11.0 | 14.3 | 202.6 | 134.6 | NA | NA | NA | NA | NA | NA |
| 7/18/2019 | 12.0 | 0.91 | 11.1 | 14.4 | 214.6 | 142.6 | NA | NA | NA | NA | NA | NA |
| 7/19/2019 | 12.2 | 0.41 | 11.7 | 12.8 | 226.8 | 150.8 | NA | NA | NA | NA | NA | NA |
| 7/20/2019 | 12.4 | 0.26 | 12.0 | 12.9 | 239.2 | 159.2 | NA | NA | NA | NA | NA | NA |
| 7/21/2019 | 12.6 | 0.41 | 12.1 | 13.3 | 251.8 | 167.8 | NA | NA | NA | NA | NA | NA |
| 7/22/2019 | 12.2 | 0.13 | 12.0 | 12.4 | 264.0 | 176.0 | NA | NA | NA | NA | NA | NA |
| 7/23/2019 | 12.9 | 0.15 | 12.5 | 13.1 | 276.9 | 184.9 | NA | NA | NA | NA | NA | NA |
| 7/24/2019 | 12.9 | 0.07 | 12.8 | 13.0 | 289.8 | 193.8 | NA | NA | NA | NA | NA | NA |
| 7/25/2019 | 13.2 | 0.22 | 12.9 | 13.5 | 303.0 | 203.0 | NA | NA | NA | NA | NA | NA |
| 7/26/2019 | 13.8 | 0.18 | 13.5 | 14.1 | 316.8 | 212.8 | NA | NA | NA | NA | NA | NA |
| 7/27/2019 | 13.5 | 0.13 | 13.2 | 13.7 | 330.2 | 222.2 | NA | NA | NA | NA | NA | NA |
| 7/28/2019 | 12.9 | 0.10 | 12.8 | 13.1 | 343.2 | 231.2 | NA | NA | NA | NA | NA | NA |
| 7/29/2019 | 12.8 | 0.13 | 12.7 | 13.1 | 356.0 | 240.0 | NA | NA | NA | NA | NA | NA |
| 7/30/2019 | 13.1 | 0.22 | 12.9 | 13.4 | 369.1 | 249.1 | NA | NA | NA | NA | NA | NA |
| 7/31/2019 | 12.7 | 0.14 | 12.4 | 12.9 | 381.8 | 257.8 | NA | NA | NA | NA | NA | NA |

August

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/1/2019 | 12.7 | 0.17 | 12.4 | 12.9 | 12.7 | 8.7 | NA | NA | NA | NA | NA | NA |
| 8/2/2019 | 13.1 | 0.30 | 12.6 | 13.6 | 25.7 | 17.7 | NA | NA | NA | NA | NA | NA |
| 8/3/2019 | 13.5 | 0.47 | 12.8 | 14.3 | 39.3 | 27.3 | NA | NA | NA | NA | NA | NA |
| 8/4/2019 | 14.8 | 0.45 | 14.4 | 16.0 | 54.1 | 38.1 | NA | NA | NA | NA | NA | NA |
| 8/5/2019 | 17.3 | 1.99 | 15.3 | 20.7 | 71.4 | 51.4 | NA | NA | NA | NA | NA | NA |
| 8/6/2019 | 20.5 | 0.43 | 19.3 | 20.8 | 92.0 | 68.0 | NA | NA | NA | NA | NA | NA |
| 8/7/2019 | 15.2 | 1.92 | 13.1 | 19.1 | 107.1 | 79.1 | NA | NA | NA | NA | NA | NA |
| 8/8/2019 | 11.6 | 0.72 | 10.6 | 13.2 | 118.8 | 86.8 | NA | NA | NA | NA | NA | NA |
| 8/9/2019 | 10.0 | 0.44 | 9.5 | 10.6 | 128.8 | 92.8 | NA | NA | NA | NA | NA | NA |
| 8/10/2019 | 10.2 | 0.19 | 9.8 | 10.4 | 138.9 | 98.9 | NA | NA | NA | NA | NA | NA |
| 8/11/2019 | 11.7 | 2.08 | 10.1 | 18.0 | 150.6 | 106.6 | NA | NA | NA | NA | NA | NA |
| 8/12/2019 | 15.2 | 2.18 | 12.3 | 18.9 | 165.8 | 117.8 | NA | NA | NA | NA | NA | NA |
| 8/13/2019 | 18.6 | 0.46 | 17.5 | 19.2 | 184.4 | 132.4 | NA | NA | NA | NA | NA | NA |
| 8/14/2019 | 16.1 | 0.95 | 14.7 | 18.4 | 200.5 | 144.5 | NA | NA | NA | NA | NA | NA |
| 8/15/2019 | 14.7 | 0.23 | 14.4 | 15.2 | 215.2 | 155.2 | NA | NA | NA | NA | NA | NA |
| 8/16/2019 | 14.2 | 0.60 | 12.9 | 15.0 | 229.5 | 165.5 | NA | NA | NA | NA | NA | NA |
| 8/17/2019 | 12.9 | 0.23 | 12.6 | 13.3 | 242.3 | 174.3 | NA | NA | NA | NA | NA | NA |
| 8/18/2019 | 12.5 | 0.26 | 12.2 | 13.0 | 254.9 | 182.9 | NA | NA | NA | NA | NA | NA |
| 8/19/2019 | 12.1 | 0.13 | 11.9 | 12.4 | 267.0 | 191.0 | NA | NA | NA | NA | NA | NA |
| 8/20/2019 | 12.4 | 0.55 | 11.9 | 13.4 | 279.4 | 199.4 | NA | NA | NA | NA | NA | NA |
| 8/21/2019 | 13.9 | 0.26 | 13.6 | 14.5 | 293.3 | 209.3 | NA | NA | NA | NA | NA | NA |
| 8/22/2019 | 13.9 | 0.39 | 13.4 | 14.6 | 307.2 | 219.2 | NA | NA | NA | NA | NA | NA |
| 8/23/2019 | 13.7 | 0.18 | 13.4 | 14.0 | 320.9 | 228.9 | NA | NA | NA | NA | NA | NA |
| 8/24/2019 | 18.0 | 2.66 | 14.0 | 20.3 | 339.0 | 243.0 | NA | NA | NA | NA | NA | NA |
| 8/25/2019 | 17.8 | 1.58 | 16.4 | 20.0 | 356.8 | 256.8 | NA | NA | NA | NA | NA | NA |
| 8/26/2019 | 16.1 | 0.52 | 14.9 | 16.6 | 372.8 | 268.8 | NA | NA | NA | NA | NA | NA |
| 8/27/2019 | 17.5 | 2.05 | 14.6 | 19.1 | 390.3 | 282.3 | NA | NA | NA | NA | NA | NA |
| 8/28/2019 | 18.7 | 0.37 | 18.3 | 19.1 | 409.1 | 297.1 | NA | NA | NA | NA | NA | NA |
| 8/29/2019 | 16.8 | 2.54 | 12.2 | 18.6 | 425.9 | 309.9 | NA | NA | NA | NA | NA | NA |
| 8/30/2019 | 11.7 | 0.21 | 11.4 | 12.1 | 437.6 | 317.6 | NA | NA | NA | NA | NA | NA |
| 8/31/2019 | 12.2 | 0.49 | 11.6 | 13.1 | 449.8 | 325.8 | NA | NA | NA | NA | NA | NA |

September

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/1/2019 | 17.4 | 1.96 | 13.1 | 18.8 | 17.4 | 13.4 | NA | NA | NA | NA | NA | NA |
| 9/2/2019 | 16.4 | 1.53 | 13.3 | 18.0 | 33.8 | 25.8 | NA | NA | NA | NA | NA | NA |
| 9/3/2019 | 12.6 | 0.45 | 11.6 | 13.3 | 46.4 | 34.4 | NA | NA | NA | NA | NA | NA |
| 9/4/2019 | 11.9 | 0.71 | 11.4 | 13.8 | 58.3 | 42.3 | NA | NA | NA | NA | NA | NA |
| 9/5/2019 | 12.8 | 1.94 | 10.9 | 15.9 | 71.2 | 51.2 | NA | NA | NA | NA | NA | NA |
| 9/6/2019 | 15.8 | 1.91 | 12.3 | 17.7 | 87.0 | 63.0 | NA | NA | NA | NA | NA | NA |
| 9/7/2019 | 15.7 | 1.15 | 13.9 | 17.6 | 102.7 | 74.7 | NA | NA | NA | NA | NA | NA |
| 9/8/2019 | 15.6 | 0.83 | 13.2 | 16.6 | 118.2 | 86.2 | NA | NA | NA | NA | NA | NA |
| 9/9/2019 | 15.5 | 0.04 | 15.4 | 15.5 | 133.7 | 97.7 | NA | NA | NA | NA | NA | NA |
| 9/10/2019 | 15.6 | 0.11 | 15.4 | 15.7 | 149.2 | 109.2 | NA | NA | NA | NA | NA | NA |
| 9/11/2019 | 15.2 | 0.04 | 15.2 | 15.3 | 164.5 | 120.5 | NA | NA | NA | NA | NA | NA |
| 9/12/2019 | 15.7 | 0.09 | 15.6 | 15.8 | 180.2 | 132.2 | NA | NA | NA | NA | NA | NA |
| 9/13/2019 | 15.6 | 0.05 | 15.5 | 15.7 | 195.8 | 143.8 | NA | NA | NA | NA | NA | NA |
| 9/14/2019 | 15.5 | 0.10 | 15.3 | 15.7 | 211.3 | 155.3 | NA | NA | NA | NA | NA | NA |
| 9/15/2019 | 14.3 | 0.47 | 14.0 | 15.3 | 225.6 | 165.6 | NA | NA | NA | NA | NA | NA |
| 9/16/2019 | 14.3 | 0.61 | 13.9 | 15.4 | 239.9 | 175.9 | NA | NA | NA | NA | NA | NA |
| 9/17/2019 | 15.3 | 0.17 | 15.0 | 15.5 | 255.2 | 187.2 | NA | NA | NA | NA | NA | NA |
| 9/18/2019 | 15.0 | 0.08 | 14.9 | 15.1 | 270.2 | 198.2 | NA | NA | NA | NA | NA | NA |
| 9/19/2019 | 14.8 | 0.06 | 14.7 | 14.8 | 285.0 | 209.0 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/20/2019 | 14.5 | 0.21 | 14.0 | 14.6 | 299.4 | 219.4 | NA | NA | NA | NA | NA | NA |
| 9/21/2019 | 14.0 | 0.08 | 13.9 | 14.1 | 313.4 | 229.4 | NA | NA | NA | NA | NA | NA |
| 9/22/2019 | 14.0 | 0.07 | 13.9 | 14.1 | 327.4 | 239.4 | NA | NA | NA | NA | NA | NA |
| 9/23/2019 | 14.2 | 0.29 | 13.9 | 14.6 | 341.6 | 249.6 | NA | NA | NA | NA | NA | NA |
| 9/24/2019 | 14.3 | 0.51 | 13.2 | 14.6 | 356.0 | 260.0 | NA | NA | NA | NA | NA | NA |
| 9/25/2019 | 13.2 | 0.12 | 13.0 | 13.4 | 369.2 | 269.2 | NA | NA | NA | NA | NA | NA |
| 9/26/2019 | 14.3 | 0.42 | 13.2 | 14.7 | 383.4 | 279.4 | NA | NA | NA | NA | NA | NA |
| 9/27/2019 | 14.3 | 0.23 | 14.0 | 14.6 | 397.7 | 289.7 | NA | NA | NA | NA | NA | NA |
| 9/28/2019 | 14.5 | 0.03 | 14.4 | 14.5 | 412.2 | 300.2 | NA | NA | NA | NA | NA | NA |
| 9/29/2019 | 14.3 | 0.29 | 13.9 | 14.6 | 426.5 | 310.5 | NA | NA | NA | NA | NA | NA |
| 9/30/2019 | 14.3 | 0.13 | 14.1 | 14.5 | 440.8 | 320.8 | NA | NA | NA | NA | NA | NA |

October

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/1/2019 | 14.0 | 0.06 | 13.9 | 14.1 | 14.0 | 10.0 | NA | NA | NA | NA | NA | NA |
| 10/2/2019 | 13.8 | 0.14 | 13.6 | 13.9 | 27.8 | 19.8 | NA | NA | NA | NA | NA | NA |
| 10/3/2019 | 13.5 | 0.05 | 13.4 | 13.6 | 41.3 | 29.3 | NA | NA | NA | NA | NA | NA |
| 10/4/2019 | 13.2 | 0.16 | 12.8 | 13.4 | 54.5 | 38.5 | NA | NA | NA | NA | NA | NA |
| 10/5/2019 | 12.9 | 0.10 | 12.6 | 13.0 | 67.4 | 47.4 | NA | NA | NA | NA | NA | NA |
| 10/6/2019 | 11.3 | 0.73 | 10.6 | 12.8 | 78.7 | 54.7 | NA | NA | NA | NA | NA | NA |
| 10/7/2019 | 11.9 | 0.60 | 11.2 | 12.8 | 90.5 | 62.5 | NA | NA | NA | NA | NA | NA |
| 10/8/2019 | 12.7 | 0.05 | 12.7 | 12.8 | 103.2 | 71.2 | NA | NA | NA | NA | NA | NA |
| 10/9/2019 | 12.6 | 0.08 | 12.5 | 12.7 | 115.8 | 79.8 | NA | NA | NA | NA | NA | NA |
| 10/10/2019 | 12.4 | 0.08 | 12.2 | 12.5 | 128.2 | 88.2 | NA | NA | NA | NA | NA | NA |
| 10/11/2019 | 12.1 | 0.04 | 12.1 | 12.2 | 140.3 | 96.3 | NA | NA | NA | NA | NA | NA |
| 10/12/2019 | 11.7 | 0.31 | 11.2 | 12.0 | 152.1 | 104.1 | NA | NA | NA | NA | NA | NA |
| 10/13/2019 | 11.5 | 0.33 | 11.0 | 11.8 | 163.6 | 111.6 | NA | NA | NA | NA | NA | NA |
| 10/14/2019 | 11.7 | 0.04 | 11.7 | 11.8 | 175.3 | 119.3 | NA | NA | NA | NA | NA | NA |
| 10/15/2019 | 11.8 | 0.01 | 11.8 | 11.8 | 187.1 | 127.1 | NA | NA | NA | NA | NA | NA |
| 10/16/2019 | 11.8 | 0.01 | 11.8 | 11.8 | 198.9 | 134.9 | NA | NA | NA | NA | NA | NA |
| 10/17/2019 | 11.5 | 0.35 | 10.9 | 11.8 | 210.4 | 142.4 | NA | NA | NA | NA | NA | NA |
| 10/18/2019 | 10.5 | 0.17 | 10.3 | 10.8 | 220.9 | 148.9 | NA | NA | NA | NA | NA | NA |
| 10/19/2019 | 11.1 | 0.24 | 10.6 | 11.3 | 232.0 | 156.0 | NA | NA | NA | NA | NA | NA |
| 10/20/2019 | 11.3 | 0.04 | 11.2 | 11.3 | 243.2 | 163.2 | NA | NA | NA | NA | NA | NA |
| 10/21/2019 | 11.0 | 0.23 | 10.7 | 11.3 | 254.3 | 170.3 | NA | NA | NA | NA | NA | NA |
| 10/22/2019 | 11.1 | 0.09 | 10.9 | 11.2 | 265.4 | 177.4 | NA | NA | NA | NA | NA | NA |
| 10/23/2019 | 11.0 | 0.34 | 10.1 | 11.2 | 276.4 | 184.4 | NA | NA | NA | NA | NA | NA |
| 10/24/2019 | 9.9 | 0.80 | 8.9 | 10.8 | 286.3 | 190.3 | NA | NA | NA | NA | NA | NA |
| 10/25/2019 | 10.8 | 0.11 | 10.5 | 10.9 | 297.0 | 197.0 | NA | NA | NA | NA | NA | NA |
| 10/26/2019 | 10.8 | 0.06 | 10.7 | 10.9 | 307.8 | 203.8 | NA | NA | NA | NA | NA | NA |
| 10/27/2019 | 10.5 | 0.06 | 10.4 | 10.6 | 318.3 | 210.3 | NA | NA | NA | NA | NA | NA |
| 10/28/2019 | 10.4 | 0.06 | 10.4 | 10.5 | 328.7 | 216.7 | NA | NA | NA | NA | NA | NA |
| 10/29/2019 | 10.3 | 0.01 | 10.3 | 10.4 | 339.0 | 223.0 | NA | NA | NA | NA | NA | NA |
| 10/30/2019 | 10.3 | 0.01 | 10.3 | 10.4 | 349.4 | 229.4 | NA | NA | NA | NA | NA | NA |
| 10/31/2019 | 10.3 | 0.02 | 10.3 | 10.4 | 359.7 | 235.7 | NA | NA | NA | NA | NA | NA |

November

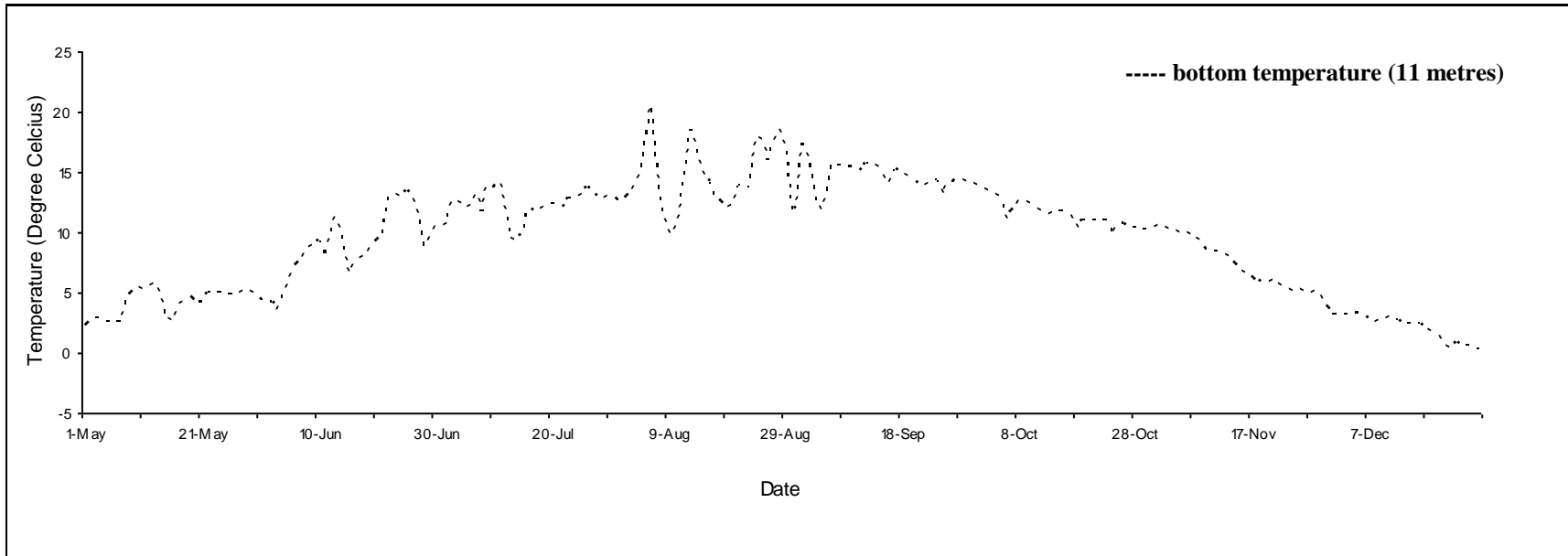
| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 11/1/2019 | 10.6 | 0.10 | 10.4 | 10.7 | 10.6 | 6.6 | NA | NA | NA | NA | NA | NA |
| 11/2/2019 | 10.5 | 0.07 | 10.4 | 10.6 | 21.0 | 13.0 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 11/3/2019 | 10.4 | 0.02 | 10.4 | 10.4 | 31.4 | 19.4 | NA | NA | NA | NA | NA | NA |
| 11/4/2019 | 10.2 | 0.09 | 10.0 | 10.4 | 41.6 | 25.6 | NA | NA | NA | NA | NA | NA |
| 11/5/2019 | 10.0 | 0.07 | 9.8 | 10.1 | 51.6 | 31.6 | NA | NA | NA | NA | NA | NA |
| 11/6/2019 | 10.0 | 0.05 | 9.9 | 10.0 | 61.6 | 37.6 | NA | NA | NA | NA | NA | NA |
| 11/7/2019 | 9.6 | 0.09 | 9.5 | 9.8 | 71.2 | 43.2 | NA | NA | NA | NA | NA | NA |
| 11/8/2019 | 9.3 | 0.10 | 9.2 | 9.6 | 80.5 | 48.5 | NA | NA | NA | NA | NA | NA |
| 11/9/2019 | 8.6 | 0.37 | 8.1 | 9.1 | 89.1 | 53.1 | NA | NA | NA | NA | NA | NA |
| 11/10/2019 | 8.4 | 0.11 | 8.2 | 8.5 | 97.6 | 57.6 | NA | NA | NA | NA | NA | NA |
| 11/11/2019 | 8.4 | 0.08 | 8.3 | 8.5 | 106.0 | 62.0 | NA | NA | NA | NA | NA | NA |
| 11/12/2019 | 8.3 | 0.13 | 8.1 | 8.5 | 114.3 | 66.3 | NA | NA | NA | NA | NA | NA |
| 11/13/2019 | 8.1 | 0.26 | 7.7 | 8.5 | 122.3 | 70.3 | NA | NA | NA | NA | NA | NA |
| 11/14/2019 | 7.4 | 0.13 | 7.2 | 7.6 | 129.7 | 73.7 | NA | NA | NA | NA | NA | NA |
| 11/15/2019 | 6.9 | 0.28 | 6.4 | 7.3 | 136.7 | 76.7 | NA | NA | NA | NA | NA | NA |
| 11/16/2019 | 6.7 | 0.29 | 6.2 | 7.0 | 143.4 | 79.4 | NA | NA | NA | NA | NA | NA |
| 11/17/2019 | 6.2 | 0.38 | 5.3 | 6.5 | 149.6 | 81.6 | NA | NA | NA | NA | NA | NA |
| 11/18/2019 | 5.8 | 0.33 | 5.5 | 6.3 | 155.3 | 83.3 | NA | NA | NA | NA | NA | NA |
| 11/19/2019 | 6.2 | 0.10 | 6.0 | 6.3 | 161.6 | 85.6 | NA | NA | NA | NA | NA | NA |
| 11/20/2019 | 6.0 | 0.15 | 5.7 | 6.2 | 167.5 | 87.5 | NA | NA | NA | NA | NA | NA |
| 11/21/2019 | 6.0 | 0.08 | 5.8 | 6.1 | 173.5 | 89.5 | NA | NA | NA | NA | NA | NA |
| 11/22/2019 | 5.6 | 0.15 | 5.3 | 5.8 | 179.1 | 91.1 | NA | NA | NA | NA | NA | NA |
| 11/23/2019 | 5.5 | 0.19 | 5.2 | 5.8 | 184.6 | 92.6 | NA | NA | NA | NA | NA | NA |
| 11/24/2019 | 5.2 | 0.26 | 4.8 | 5.5 | 189.8 | 93.8 | NA | NA | NA | NA | NA | NA |
| 11/25/2019 | 5.3 | 0.06 | 5.3 | 5.5 | 195.1 | 95.1 | NA | NA | NA | NA | NA | NA |
| 11/26/2019 | 5.1 | 0.08 | 5.0 | 5.2 | 200.3 | 96.3 | NA | NA | NA | NA | NA | NA |
| 11/27/2019 | 5.1 | 0.06 | 5.0 | 5.1 | 205.4 | 97.4 | NA | NA | NA | NA | NA | NA |
| 11/28/2019 | 5.1 | 0.09 | 5.0 | 5.2 | 210.4 | 98.4 | NA | NA | NA | NA | NA | NA |
| 11/29/2019 | 4.6 | 0.38 | 4.0 | 5.0 | 215.0 | 99.0 | NA | NA | NA | NA | NA | NA |
| 11/30/2019 | 3.8 | 0.32 | 3.4 | 4.3 | 218.9 | 99.0 | NA | NA | NA | NA | NA | NA |

December

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 12/1/2019 | 3.3 | 0.16 | 3.0 | 3.4 | 3.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/2/2019 | 3.2 | 0.06 | 3.1 | 3.3 | 6.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/3/2019 | 3.2 | 0.33 | 2.7 | 3.9 | 9.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/4/2019 | 3.3 | 0.44 | 2.8 | 4.0 | 13.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/5/2019 | 3.3 | 0.16 | 3.0 | 3.5 | 16.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/6/2019 | 3.1 | 0.24 | 2.7 | 3.4 | 19.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/7/2019 | 2.8 | 0.13 | 2.5 | 3.0 | 22.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/8/2019 | 2.5 | 0.09 | 2.4 | 2.7 | 24.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/9/2019 | 2.8 | 0.05 | 2.7 | 2.8 | 27.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/10/2019 | 2.9 | 0.11 | 2.6 | 3.0 | 30.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/11/2019 | 3.1 | 0.08 | 3.0 | 3.2 | 33.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/12/2019 | 2.8 | 0.14 | 2.5 | 3.0 | 36.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/13/2019 | 2.4 | 0.07 | 2.3 | 2.5 | 38.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/14/2019 | 2.4 | 0.06 | 2.3 | 2.5 | 41.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/15/2019 | 2.6 | 0.15 | 2.4 | 2.8 | 43.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/16/2019 | 2.5 | 0.22 | 2.2 | 2.8 | 46.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/17/2019 | 1.9 | 0.16 | 1.6 | 2.1 | 48.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/18/2019 | 1.7 | 0.14 | 1.4 | 1.9 | 49.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/19/2019 | 1.5 | 0.23 | 1.2 | 1.8 | 51.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/20/2019 | 0.7 | 0.28 | 0.3 | 1.1 | 52.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/21/2019 | 0.5 | 0.09 | 0.3 | 0.6 | 52.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/22/2019 | 0.9 | 0.16 | 0.6 | 1.1 | 53.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/23/2019 | 0.6 | 0.31 | 0.2 | 1.1 | 54.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/24/2019 | 0.6 | 0.16 | 0.4 | 0.8 | 54.6 | 0.0 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 12/25/2019 | 0.5 | 0.09 | 0.4 | 0.6 | 55.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/26/2019 | 0.3 | 0.06 | 0.2 | 0.4 | 55.5 | 0.0 | NA | NA | NA | NA | NA | NA |



Daily mean temperature for North Tracadie, P.E.I., 2019.

Pictou Island, N.S.

2019

May

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 5/1/2019 | 3.3 | 0.19 | 3.0 | 3.6 | 3.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/2/2019 | 3.5 | 0.23 | 3.1 | 3.8 | 6.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/3/2019 | 3.7 | 0.19 | 3.2 | 4.0 | 10.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/4/2019 | 4.1 | 0.33 | 3.3 | 4.5 | 14.5 | 0.1 | NA | NA | NA | NA | NA | NA |
| 5/5/2019 | 4.2 | 0.31 | 3.5 | 4.8 | 18.7 | 0.3 | NA | NA | NA | NA | NA | NA |
| 5/6/2019 | 4.5 | 0.26 | 4.1 | 4.9 | 23.2 | 0.7 | NA | NA | NA | NA | NA | NA |
| 5/7/2019 | 4.7 | 0.21 | 4.2 | 5.1 | 27.9 | 1.5 | NA | NA | NA | NA | NA | NA |
| 5/8/2019 | 4.9 | 0.29 | 4.4 | 5.3 | 32.9 | 2.4 | NA | NA | NA | NA | NA | NA |
| 5/9/2019 | 4.9 | 0.26 | 4.6 | 5.5 | 37.8 | 3.3 | NA | NA | NA | NA | NA | NA |
| 5/10/2019 | 4.9 | 0.20 | 4.5 | 5.2 | 42.7 | 4.2 | NA | NA | NA | NA | NA | NA |
| 5/11/2019 | 5.2 | 0.11 | 4.9 | 5.3 | 47.9 | 5.4 | NA | NA | NA | NA | NA | NA |
| 5/12/2019 | 5.3 | 0.11 | 5.1 | 5.4 | 53.2 | 6.7 | NA | NA | NA | NA | NA | NA |
| 5/13/2019 | 5.4 | 0.18 | 5.0 | 5.6 | 58.6 | 8.1 | NA | NA | NA | NA | NA | NA |
| 5/14/2019 | 5.6 | 0.17 | 5.2 | 5.9 | 64.2 | 9.7 | NA | NA | NA | NA | NA | NA |
| 5/15/2019 | 5.4 | 0.11 | 5.3 | 5.6 | 69.6 | 11.2 | NA | NA | NA | NA | NA | NA |
| 5/16/2019 | 5.1 | 0.23 | 4.7 | 5.4 | 74.7 | 12.2 | NA | NA | NA | NA | NA | NA |
| 5/17/2019 | 5.2 | 0.21 | 4.9 | 5.6 | 79.9 | 13.4 | NA | NA | NA | NA | NA | NA |
| 5/18/2019 | 5.4 | 0.09 | 5.2 | 5.6 | 85.3 | 14.8 | NA | NA | NA | NA | NA | NA |
| 5/19/2019 | 5.4 | 0.14 | 5.2 | 5.8 | 90.7 | 16.2 | NA | NA | NA | NA | NA | NA |
| 5/20/2019 | 5.6 | 0.13 | 5.4 | 5.8 | 96.3 | 17.8 | NA | NA | NA | NA | NA | NA |
| 5/21/2019 | 5.7 | 0.16 | 5.3 | 5.8 | 102.0 | 19.5 | NA | NA | NA | NA | NA | NA |
| 5/22/2019 | 5.8 | 0.17 | 5.5 | 6.0 | 107.7 | 21.3 | NA | NA | NA | NA | NA | NA |
| 5/23/2019 | 5.9 | 0.33 | 5.4 | 6.5 | 113.7 | 23.2 | NA | NA | NA | NA | NA | NA |
| 5/24/2019 | 6.2 | 0.25 | 5.7 | 6.5 | 119.9 | 25.4 | NA | NA | NA | NA | NA | NA |
| 5/25/2019 | 6.5 | 0.20 | 6.1 | 6.8 | 126.4 | 28.0 | NA | NA | NA | NA | NA | NA |
| 5/26/2019 | 6.9 | 0.29 | 6.2 | 7.2 | 133.3 | 30.9 | NA | NA | NA | NA | NA | NA |
| 5/27/2019 | 7.2 | 0.26 | 6.6 | 7.5 | 140.6 | 34.1 | NA | NA | NA | NA | NA | NA |
| 5/28/2019 | 7.3 | 0.31 | 6.8 | 8.1 | 147.9 | 37.4 | NA | NA | NA | NA | NA | NA |
| 5/29/2019 | 7.5 | 0.48 | 6.7 | 8.2 | 155.4 | 41.0 | NA | NA | NA | NA | NA | NA |
| 5/30/2019 | 6.6 | 0.19 | 6.3 | 6.9 | 162.0 | 43.5 | NA | NA | NA | NA | NA | NA |
| 5/31/2019 | 6.8 | 0.46 | 6.1 | 7.6 | 168.8 | 46.3 | NA | NA | NA | NA | NA | NA |

June

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/1/2019 | 6.1 | 0.59 | 5.4 | 7.6 | 6.1 | 2.1 | NA | NA | NA | NA | NA | NA |
| 6/2/2019 | 6.2 | 0.37 | 5.7 | 7.0 | 12.3 | 4.3 | NA | NA | NA | NA | NA | NA |
| 6/3/2019 | 6.0 | 0.40 | 5.3 | 6.7 | 18.3 | 6.3 | NA | NA | NA | NA | NA | NA |
| 6/4/2019 | 6.5 | 0.63 | 5.6 | 7.7 | 24.8 | 8.8 | NA | NA | NA | NA | NA | NA |
| 6/5/2019 | 7.3 | 0.28 | 6.7 | 7.7 | 32.1 | 12.1 | NA | NA | NA | NA | NA | NA |
| 6/6/2019 | 7.2 | 0.37 | 6.6 | 7.7 | 39.3 | 15.3 | NA | NA | NA | NA | NA | NA |
| 6/7/2019 | 7.2 | 0.31 | 6.5 | 7.6 | 46.5 | 18.5 | NA | NA | NA | NA | NA | NA |
| 6/8/2019 | 7.7 | 0.75 | 6.1 | 8.6 | 54.2 | 22.2 | NA | NA | NA | NA | NA | NA |
| 6/9/2019 | 7.7 | 0.92 | 6.3 | 8.8 | 61.8 | 25.8 | NA | NA | NA | NA | NA | NA |
| 6/10/2019 | 7.9 | 0.74 | 6.7 | 9.1 | 69.8 | 29.8 | NA | NA | NA | NA | NA | NA |
| 6/11/2019 | 8.1 | 0.45 | 7.1 | 8.6 | 77.9 | 33.9 | NA | NA | NA | NA | NA | NA |
| 6/12/2019 | 8.2 | 0.48 | 7.4 | 8.9 | 86.0 | 38.0 | NA | NA | NA | NA | NA | NA |
| 6/13/2019 | 8.9 | 0.56 | 8.3 | 10.4 | 95.0 | 43.0 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/14/2019 | 9.1 | 0.31 | 8.5 | 9.5 | 104.1 | 48.1 | NA | NA | NA | NA | NA | NA |
| 6/15/2019 | 8.5 | 0.65 | 7.2 | 9.5 | 112.5 | 52.5 | NA | NA | NA | NA | NA | NA |
| 6/16/2019 | 9.2 | 0.66 | 8.3 | 10.2 | 121.7 | 57.7 | NA | NA | NA | NA | NA | NA |
| 6/17/2019 | 9.5 | 0.75 | 8.0 | 10.5 | 131.2 | 63.2 | NA | NA | NA | NA | NA | NA |
| 6/18/2019 | 10.1 | 0.93 | 8.8 | 11.7 | 141.3 | 69.3 | NA | NA | NA | NA | NA | NA |
| 6/19/2019 | 10.2 | 0.76 | 9.1 | 11.4 | 151.5 | 75.5 | NA | NA | NA | NA | NA | NA |
| 6/20/2019 | 10.2 | 0.64 | 9.0 | 11.4 | 161.7 | 81.7 | NA | NA | NA | NA | NA | NA |
| 6/21/2019 | 9.8 | 0.64 | 8.8 | 10.7 | 171.5 | 87.5 | NA | NA | NA | NA | NA | NA |
| 6/22/2019 | 10.5 | 1.44 | 8.7 | 12.1 | 182.0 | 94.0 | NA | NA | NA | NA | NA | NA |
| 6/23/2019 | 11.9 | 0.58 | 10.9 | 12.5 | 193.9 | 101.9 | NA | NA | NA | NA | NA | NA |
| 6/24/2019 | 12.2 | 0.51 | 11.1 | 12.9 | 206.2 | 110.2 | NA | NA | NA | NA | NA | NA |
| 6/25/2019 | 12.8 | 0.59 | 11.8 | 13.7 | 219.0 | 119.0 | NA | NA | NA | NA | NA | NA |
| 6/26/2019 | 12.1 | 0.76 | 11.0 | 13.2 | 231.1 | 127.1 | NA | NA | NA | NA | NA | NA |
| 6/27/2019 | 11.3 | 0.28 | 10.9 | 12.0 | 242.4 | 134.4 | NA | NA | NA | NA | NA | NA |
| 6/28/2019 | 11.2 | 0.15 | 11.0 | 11.5 | 253.5 | 141.5 | NA | NA | NA | NA | NA | NA |
| 6/29/2019 | 11.1 | 0.21 | 10.8 | 11.5 | 264.6 | 148.6 | NA | NA | NA | NA | NA | NA |
| 6/30/2019 | 11.2 | 0.20 | 10.9 | 11.6 | 275.8 | 155.8 | NA | NA | NA | NA | NA | NA |

July

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/1/2019 | 11.1 | 0.25 | 10.7 | 11.6 | 11.1 | 7.1 | NA | NA | NA | NA | NA | NA |
| 7/2/2019 | 12.7 | 1.02 | 11.4 | 14.4 | 23.8 | 15.8 | NA | NA | NA | NA | NA | NA |
| 7/3/2019 | 13.8 | 0.37 | 13.2 | 14.4 | 37.6 | 25.6 | NA | NA | NA | NA | NA | NA |
| 7/4/2019 | 13.8 | 0.38 | 13.1 | 14.2 | 51.3 | 35.3 | NA | NA | NA | NA | NA | NA |
| 7/5/2019 | 14.0 | 0.34 | 13.4 | 14.5 | 65.3 | 45.3 | NA | NA | NA | NA | NA | NA |
| 7/6/2019 | 14.5 | 0.47 | 13.7 | 15.2 | 79.9 | 55.9 | NA | NA | NA | NA | NA | NA |
| 7/7/2019 | 14.8 | 0.59 | 13.7 | 15.6 | 94.7 | 66.7 | NA | NA | NA | NA | NA | NA |
| 7/8/2019 | 15.4 | 0.72 | 14.5 | 16.6 | 110.1 | 78.1 | NA | NA | NA | NA | NA | NA |
| 7/9/2019 | 15.4 | 0.55 | 14.4 | 16.5 | 125.4 | 89.4 | NA | NA | NA | NA | NA | NA |
| 7/10/2019 | 14.6 | 0.59 | 13.8 | 15.9 | 140.1 | 100.1 | NA | NA | NA | NA | NA | NA |
| 7/11/2019 | 15.5 | 0.31 | 15.2 | 16.0 | 155.6 | 111.6 | NA | NA | NA | NA | NA | NA |
| 7/12/2019 | 14.9 | 0.66 | 13.7 | 16.3 | 170.5 | 122.5 | NA | NA | NA | NA | NA | NA |
| 7/13/2019 | 13.9 | 0.58 | 13.1 | 15.0 | 184.4 | 132.4 | NA | NA | NA | NA | NA | NA |
| 7/14/2019 | 13.2 | 0.40 | 12.5 | 13.7 | 197.6 | 141.6 | NA | NA | NA | NA | NA | NA |
| 7/15/2019 | 13.6 | 0.23 | 13.1 | 13.9 | 211.2 | 151.2 | NA | NA | NA | NA | NA | NA |
| 7/16/2019 | 14.8 | 0.78 | 13.8 | 16.2 | 226.0 | 162.0 | NA | NA | NA | NA | NA | NA |
| 7/17/2019 | 15.7 | 0.70 | 14.7 | 17.3 | 241.6 | 173.6 | NA | NA | NA | NA | NA | NA |
| 7/18/2019 | 16.3 | 0.78 | 15.3 | 17.8 | 257.9 | 185.9 | NA | NA | NA | NA | NA | NA |
| 7/19/2019 | 15.8 | 0.78 | 14.6 | 16.9 | 273.7 | 197.7 | NA | NA | NA | NA | NA | NA |
| 7/20/2019 | 15.1 | 0.37 | 14.6 | 16.1 | 288.8 | 208.8 | NA | NA | NA | NA | NA | NA |
| 7/21/2019 | 14.8 | 0.40 | 14.2 | 15.6 | 303.7 | 219.7 | NA | NA | NA | NA | NA | NA |
| 7/22/2019 | 14.7 | 0.35 | 14.2 | 15.4 | 318.3 | 230.3 | NA | NA | NA | NA | NA | NA |
| 7/23/2019 | 14.5 | 0.21 | 14.2 | 14.9 | 332.8 | 240.8 | NA | NA | NA | NA | NA | NA |
| 7/24/2019 | 14.5 | 0.32 | 13.8 | 15.0 | 347.3 | 251.3 | NA | NA | NA | NA | NA | NA |
| 7/25/2019 | 14.3 | 0.30 | 13.9 | 14.8 | 361.6 | 261.6 | NA | NA | NA | NA | NA | NA |
| 7/26/2019 | 14.6 | 0.20 | 14.3 | 15.0 | 376.2 | 272.2 | NA | NA | NA | NA | NA | NA |
| 7/27/2019 | 15.1 | 0.25 | 14.8 | 15.6 | 391.3 | 283.3 | NA | NA | NA | NA | NA | NA |
| 7/28/2019 | 15.1 | 0.31 | 14.6 | 15.5 | 406.4 | 294.4 | NA | NA | NA | NA | NA | NA |
| 7/29/2019 | 14.6 | 0.41 | 13.9 | 15.1 | 421.0 | 305.0 | NA | NA | NA | NA | NA | NA |
| 7/30/2019 | 14.6 | 0.26 | 14.0 | 15.1 | 435.6 | 315.6 | NA | NA | NA | NA | NA | NA |
| 7/31/2019 | 14.9 | 0.63 | 13.9 | 15.8 | 450.5 | 326.5 | NA | NA | NA | NA | NA | NA |

August

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/1/2019 | 15.4 | 0.30 | 15.1 | 16.1 | 15.4 | 11.4 | NA | NA | NA | NA | NA | NA |
| 8/2/2019 | 16.3 | 0.83 | 15.3 | 17.6 | 31.7 | 23.7 | NA | NA | NA | NA | NA | NA |
| 8/3/2019 | 17.1 | 0.83 | 15.8 | 18.6 | 48.8 | 36.8 | NA | NA | NA | NA | NA | NA |
| 8/4/2019 | 18.0 | 0.99 | 16.1 | 19.4 | 66.8 | 50.8 | NA | NA | NA | NA | NA | NA |
| 8/5/2019 | 18.1 | 0.70 | 16.9 | 19.1 | 84.9 | 64.9 | NA | NA | NA | NA | NA | NA |
| 8/6/2019 | 18.3 | 0.37 | 17.7 | 19.1 | 103.2 | 79.2 | NA | NA | NA | NA | NA | NA |
| 8/7/2019 | 18.1 | 0.69 | 17.0 | 18.9 | 121.3 | 93.3 | NA | NA | NA | NA | NA | NA |
| 8/8/2019 | 16.8 | 0.68 | 15.7 | 17.9 | 138.1 | 106.1 | NA | NA | NA | NA | NA | NA |
| 8/9/2019 | 16.6 | 0.23 | 16.2 | 17.0 | 154.7 | 118.7 | NA | NA | NA | NA | NA | NA |
| 8/10/2019 | 15.6 | 0.44 | 15.0 | 16.4 | 170.3 | 130.3 | NA | NA | NA | NA | NA | NA |
| 8/11/2019 | 15.9 | 0.29 | 15.6 | 16.6 | 186.2 | 142.2 | NA | NA | NA | NA | NA | NA |
| 8/12/2019 | 17.4 | 0.70 | 16.4 | 18.7 | 203.6 | 155.6 | NA | NA | NA | NA | NA | NA |
| 8/13/2019 | 18.2 | 0.36 | 17.5 | 18.7 | 221.9 | 169.9 | NA | NA | NA | NA | NA | NA |
| 8/14/2019 | 17.9 | 0.51 | 17.0 | 18.7 | 239.8 | 183.8 | NA | NA | NA | NA | NA | NA |
| 8/15/2019 | 17.3 | 0.68 | 16.4 | 18.4 | 257.1 | 197.1 | NA | NA | NA | NA | NA | NA |
| 8/16/2019 | 17.0 | 0.62 | 16.1 | 18.2 | 274.1 | 210.1 | NA | NA | NA | NA | NA | NA |
| 8/17/2019 | 16.9 | 0.79 | 15.5 | 18.6 | 290.9 | 222.9 | NA | NA | NA | NA | NA | NA |
| 8/18/2019 | 16.6 | 0.54 | 15.8 | 17.6 | 307.6 | 235.6 | NA | NA | NA | NA | NA | NA |
| 8/19/2019 | 16.4 | 0.38 | 15.9 | 17.3 | 324.0 | 248.0 | NA | NA | NA | NA | NA | NA |
| 8/20/2019 | 16.5 | 0.49 | 16.1 | 17.9 | 340.5 | 260.5 | NA | NA | NA | NA | NA | NA |
| 8/21/2019 | 17.1 | 0.47 | 16.2 | 18.0 | 357.7 | 273.7 | NA | NA | NA | NA | NA | NA |
| 8/22/2019 | 16.4 | 0.52 | 15.8 | 17.1 | 374.0 | 286.0 | NA | NA | NA | NA | NA | NA |
| 8/23/2019 | 16.0 | 0.33 | 15.6 | 16.8 | 390.0 | 298.0 | NA | NA | NA | NA | NA | NA |
| 8/24/2019 | 16.2 | 0.51 | 15.5 | 17.1 | 406.3 | 310.3 | NA | NA | NA | NA | NA | NA |
| 8/25/2019 | 16.9 | 0.63 | 16.2 | 18.2 | 423.2 | 323.2 | NA | NA | NA | NA | NA | NA |
| 8/26/2019 | 17.1 | 0.25 | 16.6 | 17.6 | 440.3 | 336.3 | NA | NA | NA | NA | NA | NA |
| 8/27/2019 | 17.5 | 0.58 | 16.5 | 18.1 | 457.8 | 349.8 | NA | NA | NA | NA | NA | NA |
| 8/28/2019 | 18.6 | 0.30 | 18.2 | 19.1 | 476.4 | 364.4 | NA | NA | NA | NA | NA | NA |
| 8/29/2019 | 18.8 | 0.21 | 18.4 | 19.1 | 495.2 | 379.2 | NA | NA | NA | NA | NA | NA |
| 8/30/2019 | 18.4 | 0.59 | 17.2 | 19.0 | 513.6 | 393.6 | NA | NA | NA | NA | NA | NA |
| 8/31/2019 | 18.5 | 0.39 | 17.7 | 19.1 | 532.1 | 408.1 | NA | NA | NA | NA | NA | NA |

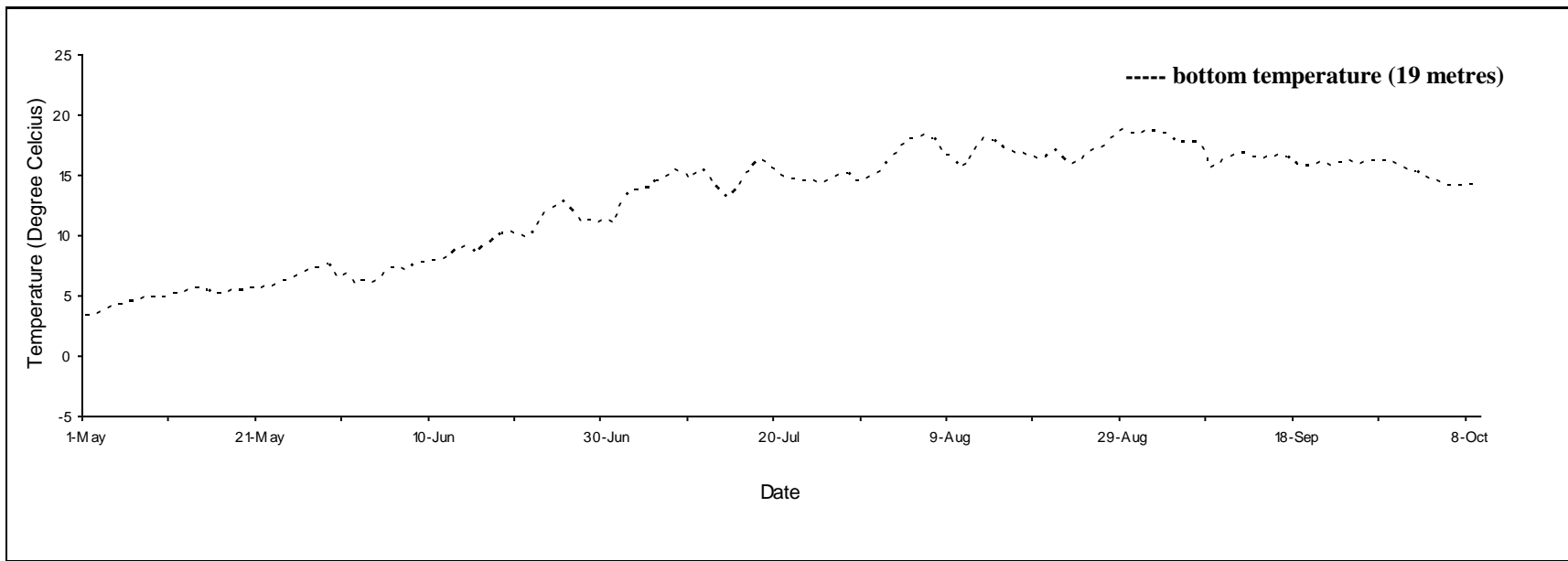
September

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/1/2019 | 18.7 | 0.18 | 18.4 | 19.1 | 18.7 | 14.7 | NA | NA | NA | NA | NA | NA |
| 9/2/2019 | 18.6 | 0.35 | 17.9 | 19.0 | 37.3 | 29.3 | NA | NA | NA | NA | NA | NA |
| 9/3/2019 | 18.5 | 0.45 | 17.7 | 19.0 | 55.8 | 43.8 | NA | NA | NA | NA | NA | NA |
| 9/4/2019 | 17.7 | 0.44 | 16.9 | 18.4 | 73.5 | 57.5 | NA | NA | NA | NA | NA | NA |
| 9/5/2019 | 17.7 | 0.17 | 17.4 | 18.0 | 91.1 | 71.1 | NA | NA | NA | NA | NA | NA |
| 9/6/2019 | 17.8 | 0.16 | 17.4 | 18.0 | 108.9 | 84.9 | NA | NA | NA | NA | NA | NA |
| 9/7/2019 | 17.5 | 0.27 | 17.0 | 17.9 | 126.4 | 98.4 | NA | NA | NA | NA | NA | NA |
| 9/8/2019 | 15.6 | 0.68 | 14.8 | 17.4 | 142.0 | 110.0 | NA | NA | NA | NA | NA | NA |
| 9/9/2019 | 16.0 | 0.24 | 15.6 | 16.4 | 158.0 | 122.0 | NA | NA | NA | NA | NA | NA |
| 9/10/2019 | 16.5 | 0.28 | 16.0 | 16.9 | 174.5 | 134.5 | NA | NA | NA | NA | NA | NA |
| 9/11/2019 | 16.7 | 0.22 | 16.3 | 17.0 | 191.1 | 147.1 | NA | NA | NA | NA | NA | NA |
| 9/12/2019 | 16.8 | 0.18 | 16.5 | 17.1 | 208.0 | 160.0 | NA | NA | NA | NA | NA | NA |
| 9/13/2019 | 16.5 | 0.33 | 15.9 | 16.9 | 224.5 | 172.5 | NA | NA | NA | NA | NA | NA |
| 9/14/2019 | 16.4 | 0.21 | 16.1 | 16.7 | 240.9 | 184.9 | NA | NA | NA | NA | NA | NA |
| 9/15/2019 | 16.5 | 0.28 | 16.1 | 16.9 | 257.4 | 197.4 | NA | NA | NA | NA | NA | NA |
| 9/16/2019 | 16.7 | 0.12 | 16.4 | 16.8 | 274.1 | 210.1 | NA | NA | NA | NA | NA | NA |
| 9/17/2019 | 16.5 | 0.15 | 16.2 | 16.7 | 290.5 | 222.5 | NA | NA | NA | NA | NA | NA |
| 9/18/2019 | 16.0 | 0.10 | 15.9 | 16.2 | 306.5 | 234.5 | NA | NA | NA | NA | NA | NA |
| 9/19/2019 | 15.8 | 0.04 | 15.7 | 15.9 | 322.3 | 246.3 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/20/2019 | 15.9 | 0.05 | 15.8 | 16.0 | 338.2 | 258.2 | NA | NA | NA | NA | NA | NA |
| 9/21/2019 | 16.1 | 0.08 | 15.9 | 16.2 | 354.2 | 270.2 | NA | NA | NA | NA | NA | NA |
| 9/22/2019 | 15.8 | 0.22 | 15.5 | 16.1 | 370.0 | 282.0 | NA | NA | NA | NA | NA | NA |
| 9/23/2019 | 16.1 | 0.11 | 15.9 | 16.3 | 386.1 | 294.1 | NA | NA | NA | NA | NA | NA |
| 9/24/2019 | 16.2 | 0.06 | 16.1 | 16.3 | 402.3 | 306.3 | NA | NA | NA | NA | NA | NA |
| 9/25/2019 | 15.9 | 0.30 | 15.5 | 16.3 | 418.3 | 318.3 | NA | NA | NA | NA | NA | NA |
| 9/26/2019 | 16.1 | 0.10 | 15.9 | 16.2 | 434.3 | 330.3 | NA | NA | NA | NA | NA | NA |
| 9/27/2019 | 16.2 | 0.11 | 16.0 | 16.3 | 450.5 | 342.5 | NA | NA | NA | NA | NA | NA |
| 9/28/2019 | 16.2 | 0.09 | 15.9 | 16.3 | 466.7 | 354.7 | NA | NA | NA | NA | NA | NA |
| 9/29/2019 | 16.1 | 0.10 | 15.9 | 16.2 | 482.8 | 366.8 | NA | NA | NA | NA | NA | NA |
| 9/30/2019 | 15.7 | 0.13 | 15.6 | 16.0 | 498.5 | 378.5 | NA | NA | NA | NA | NA | NA |

October

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/1/2019 | 15.4 | 0.09 | 15.3 | 15.6 | 15.4 | 11.4 | NA | NA | NA | NA | NA | NA |
| 10/2/2019 | 15.3 | 0.08 | 15.2 | 15.5 | 30.8 | 22.8 | NA | NA | NA | NA | NA | NA |
| 10/3/2019 | 14.9 | 0.13 | 14.8 | 15.1 | 45.7 | 33.7 | NA | NA | NA | NA | NA | NA |
| 10/4/2019 | 14.6 | 0.12 | 14.4 | 14.7 | 60.2 | 44.2 | NA | NA | NA | NA | NA | NA |
| 10/5/2019 | 14.2 | 0.13 | 14.1 | 14.4 | 74.5 | 54.5 | NA | NA | NA | NA | NA | NA |
| 10/6/2019 | 14.1 | 0.14 | 13.8 | 14.3 | 88.6 | 64.6 | NA | NA | NA | NA | NA | NA |
| 10/7/2019 | 14.1 | 0.13 | 13.9 | 14.3 | 102.7 | 74.7 | NA | NA | NA | NA | NA | NA |
| 10/8/2019 | 14.3 | 0.06 | 14.2 | 14.4 | 117.0 | 85.0 | NA | NA | NA | NA | NA | NA |
| 10/9/2019 | 14.2 | 0.07 | 14.1 | 14.3 | 131.2 | 95.2 | NA | NA | NA | NA | NA | NA |



Daily mean temperature for Pictou Island, N.S., 2019.

Pleasant Bay, N.S.

2019

May

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 5/6/2019 | 1.8 | 1.33 | 0.6 | 4.7 | 1.8 | 0.0 | 3.2 | 0.67 | 2.1 | 4.7 | 3.2 | 0.0 |
| 5/7/2019 | 1.2 | 0.37 | 0.6 | 1.8 | 2.9 | 0.0 | 3.9 | 1.14 | 2.4 | 5.4 | 7.1 | 0.0 |
| 5/8/2019 | 1.4 | 0.34 | 0.9 | 2.1 | 4.4 | 0.0 | 4.4 | 0.53 | 3.9 | 5.3 | 11.5 | 0.4 |
| 5/9/2019 | 1.3 | 0.36 | 0.7 | 1.7 | 5.7 | 0.0 | 3.1 | 0.49 | 2.3 | 3.8 | 14.6 | 0.4 |
| 5/10/2019 | 1.0 | 0.09 | 0.9 | 1.2 | 6.7 | 0.0 | 3.0 | 0.79 | 2.2 | 4.4 | 17.5 | 0.4 |
| 5/11/2019 | 1.0 | 0.03 | 0.9 | 1.1 | 7.7 | 0.0 | 3.7 | 0.59 | 2.6 | 4.5 | 21.2 | 0.4 |
| 5/12/2019 | 1.1 | 0.09 | 1.0 | 1.2 | 8.8 | 0.0 | 3.7 | 0.33 | 3.1 | 4.0 | 24.9 | 0.4 |
| 5/13/2019 | 1.2 | 0.19 | 1.1 | 1.6 | 10.0 | 0.0 | 3.7 | 1.00 | 2.7 | 5.0 | 28.6 | 0.4 |
| 5/14/2019 | 1.6 | 0.22 | 1.2 | 1.8 | 11.6 | 0.0 | 3.5 | 0.68 | 2.4 | 4.4 | 32.1 | 0.4 |
| 5/15/2019 | 0.9 | 0.33 | 0.4 | 1.5 | 12.5 | 0.0 | 1.2 | 0.43 | 0.8 | 2.2 | 33.3 | 0.4 |
| 5/16/2019 | 0.7 | 0.34 | 0.4 | 1.4 | 13.1 | 0.0 | 1.2 | 0.79 | 0.5 | 2.6 | 34.6 | 0.4 |
| 5/17/2019 | 2.0 | 0.65 | 0.8 | 2.8 | 15.2 | 0.0 | 3.4 | 0.48 | 2.7 | 4.1 | 37.9 | 0.4 |
| 5/18/2019 | 1.7 | 0.20 | 1.5 | 2.1 | 16.9 | 0.0 | 3.4 | 0.60 | 2.4 | 3.9 | 41.3 | 0.4 |
| 5/19/2019 | 1.3 | 0.20 | 1.1 | 1.7 | 18.2 | 0.0 | 2.8 | 0.62 | 2.2 | 4.1 | 44.1 | 0.4 |
| 5/20/2019 | 1.5 | 0.12 | 1.3 | 1.8 | 19.7 | 0.0 | 3.7 | 0.41 | 2.8 | 4.1 | 47.8 | 0.4 |
| 5/21/2019 | 0.9 | 0.23 | 0.6 | 1.3 | 20.7 | 0.0 | 1.4 | 0.28 | 0.9 | 1.7 | 49.2 | 0.4 |
| 5/22/2019 | 0.6 | 0.15 | 0.5 | 1.0 | 21.3 | 0.0 | 1.1 | 0.66 | 0.6 | 2.5 | 50.3 | 0.4 |
| 5/23/2019 | 1.3 | 0.23 | 1.0 | 1.7 | 22.6 | 0.0 | 2.9 | 0.49 | 2.3 | 4.0 | 53.1 | 0.4 |
| 5/24/2019 | 1.5 | 0.17 | 1.3 | 1.8 | 24.2 | 0.0 | 3.5 | 0.49 | 3.0 | 4.6 | 56.6 | 0.4 |
| 5/25/2019 | 1.8 | 0.29 | 1.4 | 2.4 | 26.0 | 0.0 | 4.3 | 0.82 | 3.2 | 5.6 | 60.9 | 0.7 |
| 5/26/2019 | 1.9 | 0.19 | 1.5 | 2.1 | 27.8 | 0.0 | 5.4 | 0.53 | 4.9 | 6.4 | 66.4 | 2.1 |
| 5/27/2019 | 1.9 | 0.16 | 1.7 | 2.1 | 29.7 | 0.0 | 6.4 | 0.27 | 6.0 | 6.8 | 72.7 | 4.5 |
| 5/28/2019 | 2.7 | 0.59 | 2.0 | 3.6 | 32.4 | 0.0 | 6.4 | 0.14 | 6.1 | 6.6 | 79.1 | 6.9 |
| 5/29/2019 | 4.0 | 0.47 | 3.6 | 5.1 | 36.5 | 0.0 | 6.1 | 0.11 | 6.0 | 6.3 | 85.3 | 9.0 |
| 5/30/2019 | 4.0 | 0.47 | 3.4 | 4.8 | 40.4 | 0.0 | 6.5 | 0.70 | 5.6 | 8.0 | 91.7 | 11.5 |
| 5/31/2019 | 3.2 | 0.53 | 2.8 | 4.7 | 43.7 | 0.0 | 5.9 | 0.29 | 5.7 | 6.6 | 97.7 | 13.4 |

June

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/1/2019 | 4.1 | 0.71 | 3.2 | 5.2 | 4.1 | 0.1 | 6.6 | 1.10 | 5.7 | 8.4 | 6.6 | 2.6 |
| 6/2/2019 | 3.8 | 1.80 | 0.8 | 5.4 | 7.9 | 0.1 | 5.6 | 1.60 | 3.0 | 7.9 | 12.2 | 4.2 |
| 6/3/2019 | 2.8 | 1.62 | 0.7 | 5.1 | 10.8 | 0.1 | 4.5 | 1.73 | 1.7 | 6.5 | 16.7 | 4.7 |
| 6/4/2019 | 5.5 | 0.57 | 4.7 | 6.2 | 16.2 | 1.6 | 6.8 | 0.22 | 6.5 | 7.4 | 23.5 | 7.5 |
| 6/5/2019 | 5.0 | 0.66 | 3.9 | 6.0 | 21.2 | 2.6 | 6.7 | 0.31 | 6.3 | 7.1 | 30.2 | 10.2 |
| 6/6/2019 | 5.9 | 0.23 | 5.6 | 6.2 | 27.1 | 4.5 | 7.3 | 0.28 | 6.9 | 7.7 | 37.5 | 13.5 |
| 6/7/2019 | 6.1 | 0.13 | 5.8 | 6.3 | 33.3 | 6.7 | 8.0 | 0.41 | 7.5 | 8.8 | 45.5 | 17.5 |
| 6/8/2019 | 5.5 | 0.47 | 4.7 | 6.0 | 38.7 | 8.1 | 8.3 | 0.21 | 7.9 | 8.6 | 53.8 | 21.8 |
| 6/9/2019 | 6.0 | 0.19 | 5.5 | 6.2 | 44.7 | 10.1 | 8.4 | 0.49 | 7.7 | 9.0 | 62.2 | 26.2 |
| 6/10/2019 | 5.9 | 0.37 | 5.2 | 6.5 | 50.6 | 12.0 | 8.7 | 0.76 | 7.7 | 9.8 | 70.9 | 30.9 |
| 6/11/2019 | 5.4 | 0.70 | 4.4 | 6.1 | 56.0 | 13.4 | 9.2 | 0.15 | 8.9 | 9.5 | 80.0 | 36.0 |
| 6/12/2019 | 5.1 | 0.36 | 4.7 | 5.7 | 61.1 | 14.5 | 9.7 | 0.41 | 9.2 | 10.2 | 89.7 | 41.7 |
| 6/13/2019 | 6.8 | 0.46 | 5.7 | 7.3 | 67.9 | 17.3 | 10.4 | 0.22 | 10.0 | 10.8 | 100.1 | 48.1 |
| 6/14/2019 | 5.6 | 1.27 | 4.0 | 6.9 | 73.5 | 18.9 | 8.1 | 1.92 | 5.0 | 10.4 | 108.2 | 52.2 |
| 6/15/2019 | 7.4 | 1.56 | 4.9 | 9.2 | 80.9 | 22.3 | 9.2 | 1.08 | 6.9 | 10.0 | 117.3 | 57.3 |
| 6/16/2019 | 8.4 | 0.91 | 6.3 | 9.6 | 89.3 | 26.7 | 10.2 | 0.40 | 9.8 | 10.8 | 127.5 | 63.5 |
| 6/17/2019 | 7.9 | 0.81 | 6.2 | 8.7 | 97.2 | 30.6 | 10.6 | 0.32 | 10.1 | 11.4 | 138.1 | 70.1 |
| 6/18/2019 | 8.8 | 0.44 | 7.8 | 9.4 | 106.0 | 35.4 | 11.2 | 0.55 | 10.4 | 11.9 | 149.3 | 77.3 |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/19/2019 | 8.0 | 1.08 | 6.3 | 9.3 | 114.0 | 39.4 | 12.4 | 0.71 | 11.6 | 13.3 | 161.7 | 85.7 |
| 6/20/2019 | 7.7 | 1.06 | 5.6 | 9.0 | 121.8 | 43.1 | 13.6 | 0.45 | 13.0 | 14.2 | 175.3 | 95.3 |
| 6/21/2019 | 6.5 | 1.05 | 5.4 | 8.6 | 128.3 | 45.7 | 11.6 | 0.55 | 10.7 | 12.6 | 187.0 | 103.0 |
| 6/22/2019 | 5.6 | 0.65 | 4.8 | 6.9 | 133.9 | 47.2 | 11.4 | 0.40 | 10.9 | 12.2 | 198.3 | 110.3 |
| 6/23/2019 | 5.2 | 1.62 | 3.7 | 8.2 | 139.1 | 48.5 | 10.4 | 0.17 | 10.1 | 10.7 | 208.8 | 116.8 |
| 6/24/2019 | 6.1 | 0.38 | 5.7 | 6.9 | 145.3 | 50.6 | 10.6 | 0.31 | 10.1 | 11.0 | 219.3 | 123.3 |
| 6/25/2019 | 6.6 | 0.77 | 5.7 | 7.8 | 151.9 | 53.2 | 11.7 | 1.07 | 10.8 | 13.9 | 231.1 | 131.1 |
| 6/26/2019 | 6.1 | 0.43 | 5.3 | 6.7 | 157.9 | 55.3 | 12.5 | 1.15 | 11.3 | 14.4 | 243.5 | 139.5 |
| 6/27/2019 | 6.5 | 0.76 | 5.9 | 8.4 | 164.5 | 57.9 | 13.4 | 1.10 | 11.8 | 14.9 | 257.0 | 149.0 |
| 6/28/2019 | 5.9 | 0.47 | 5.1 | 6.5 | 170.4 | 59.8 | 13.9 | 0.43 | 13.5 | 14.6 | 270.9 | 158.9 |
| 6/29/2019 | 5.9 | 0.64 | 5.0 | 7.0 | 176.3 | 61.6 | 14.1 | 0.18 | 13.8 | 14.4 | 285.0 | 169.0 |
| 6/30/2019 | 7.1 | 0.44 | 6.5 | 7.9 | 183.4 | 64.8 | 13.0 | 0.93 | 11.2 | 13.7 | 298.1 | 178.1 |

July

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/1/2019 | 5.7 | 1.22 | 4.1 | 7.3 | 5.7 | 1.7 | 10.4 | 0.94 | 9.1 | 11.7 | 10.4 | 6.4 |
| 7/2/2019 | 6.6 | 1.01 | 5.1 | 7.9 | 12.2 | 4.2 | 10.3 | 0.44 | 9.8 | 11.2 | 20.7 | 12.7 |
| 7/3/2019 | 7.0 | 1.07 | 5.7 | 8.2 | 19.3 | 7.3 | 11.1 | 0.29 | 10.6 | 11.5 | 31.8 | 19.8 |
| 7/4/2019 | 6.0 | 0.77 | 4.8 | 7.6 | 25.2 | 9.2 | 12.5 | 0.72 | 11.1 | 13.8 | 44.3 | 28.3 |
| 7/5/2019 | 7.3 | 0.55 | 6.4 | 8.1 | 32.6 | 12.6 | 12.8 | 0.94 | 11.6 | 14.4 | 57.0 | 37.0 |
| 7/6/2019 | 8.5 | 1.40 | 7.0 | 11.7 | 41.0 | 17.0 | 14.3 | 0.28 | 13.6 | 14.7 | 71.3 | 47.3 |
| 7/7/2019 | 8.7 | 0.65 | 8.0 | 10.4 | 49.7 | 21.7 | 14.6 | 0.40 | 14.1 | 15.1 | 85.9 | 57.9 |
| 7/8/2019 | 8.6 | 0.61 | 7.8 | 9.7 | 58.3 | 26.3 | 14.8 | 0.16 | 14.4 | 15.1 | 100.7 | 68.7 |
| 7/9/2019 | 9.2 | 0.49 | 8.3 | 9.9 | 67.4 | 31.4 | 15.2 | 0.31 | 14.8 | 15.7 | 116.0 | 80.0 |
| 7/10/2019 | 9.4 | 0.20 | 9.1 | 9.9 | 76.9 | 36.9 | 15.6 | 0.14 | 15.3 | 15.8 | 131.5 | 91.5 |
| 7/11/2019 | 8.3 | 0.99 | 7.0 | 9.4 | 85.2 | 41.2 | 13.6 | 1.00 | 12.2 | 15.4 | 145.2 | 101.2 |
| 7/12/2019 | 7.4 | 0.36 | 6.8 | 7.8 | 92.6 | 44.6 | 12.8 | 0.80 | 11.9 | 14.4 | 158.0 | 110.0 |
| 7/13/2019 | 7.8 | 0.66 | 7.1 | 9.0 | 100.4 | 48.4 | 12.8 | 0.83 | 11.6 | 14.0 | 170.8 | 118.8 |
| 7/14/2019 | 7.5 | 0.49 | 6.6 | 8.0 | 107.9 | 51.9 | 13.8 | 0.73 | 12.7 | 14.8 | 184.6 | 128.6 |
| 7/15/2019 | 10.3 | 1.85 | 7.9 | 12.4 | 118.2 | 58.2 | 15.8 | 0.71 | 14.2 | 16.5 | 200.3 | 140.3 |
| 7/16/2019 | 11.5 | 0.66 | 10.5 | 12.7 | 129.8 | 65.8 | 16.2 | 0.15 | 16.0 | 16.4 | 216.6 | 152.6 |
| 7/17/2019 | 11.1 | 0.91 | 10.0 | 13.3 | 140.9 | 72.9 | 16.7 | 0.16 | 16.5 | 17.0 | 233.3 | 165.3 |
| 7/18/2019 | 12.4 | 0.71 | 11.2 | 13.4 | 153.3 | 81.3 | 17.5 | 0.21 | 17.1 | 17.8 | 250.7 | 178.7 |
| 7/19/2019 | 11.3 | 0.72 | 10.6 | 13.2 | 164.6 | 88.6 | 17.4 | 0.19 | 17.2 | 17.7 | 268.2 | 192.2 |
| 7/20/2019 | 10.8 | 1.30 | 8.7 | 12.2 | 175.4 | 95.4 | 18.0 | 0.36 | 17.5 | 18.5 | 286.2 | 206.2 |
| 7/21/2019 | 11.2 | 0.90 | 9.7 | 12.6 | 186.7 | 102.7 | 18.8 | 0.34 | 18.4 | 19.2 | 305.0 | 221.0 |
| 7/22/2019 | 11.4 | 0.74 | 10.1 | 12.4 | 198.1 | 110.1 | 19.1 | 0.22 | 18.7 | 19.5 | 324.1 | 236.1 |
| 7/23/2019 | 10.8 | 0.56 | 9.3 | 11.5 | 208.9 | 116.9 | 19.3 | 0.11 | 19.2 | 19.5 | 343.4 | 251.4 |
| 7/24/2019 | 9.5 | 1.52 | 7.4 | 12.0 | 218.3 | 122.3 | 19.4 | 0.26 | 19.1 | 19.8 | 362.8 | 266.8 |
| 7/25/2019 | 9.7 | 0.91 | 8.1 | 10.7 | 228.0 | 128.0 | 19.8 | 0.36 | 19.4 | 20.4 | 382.6 | 282.6 |
| 7/26/2019 | 9.9 | 0.63 | 9.0 | 11.2 | 237.9 | 133.9 | 19.9 | 0.58 | 18.9 | 20.5 | 402.5 | 298.5 |
| 7/27/2019 | 10.8 | 1.00 | 9.4 | 13.3 | 248.7 | 140.7 | 20.2 | 0.23 | 19.8 | 20.6 | 422.7 | 314.7 |
| 7/28/2019 | 10.4 | 0.40 | 9.8 | 11.2 | 259.1 | 147.1 | 20.3 | 0.17 | 20.0 | 20.7 | 443.1 | 331.1 |
| 7/29/2019 | 12.5 | 2.41 | 10.0 | 16.5 | 271.6 | 155.6 | 20.4 | 0.13 | 20.2 | 20.6 | 463.5 | 347.5 |
| 7/30/2019 | 14.8 | 1.91 | 12.5 | 17.5 | 286.4 | 166.4 | 20.7 | 0.30 | 20.5 | 21.3 | 484.2 | 364.2 |
| 7/31/2019 | 13.0 | 1.10 | 11.0 | 14.1 | 299.4 | 175.4 | 21.6 | 0.61 | 21.0 | 22.5 | 505.8 | 381.8 |

August

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/1/2019 | 13.3 | 0.46 | 12.5 | 13.9 | 13.3 | 9.3 | 22.2 | 0.07 | 22.0 | 22.3 | 22.2 | 18.2 |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/2/2019 | 12.2 | 0.76 | 11.2 | 13.9 | 25.5 | 17.5 | 22.0 | 0.12 | 21.8 | 22.2 | 44.2 | 36.2 |
| 8/3/2019 | 12.5 | 0.88 | 11.3 | 13.8 | 38.0 | 26.0 | 22.2 | 0.16 | 22.0 | 22.5 | 66.4 | 54.4 |
| 8/4/2019 | 12.3 | 1.76 | 10.5 | 16.7 | 50.3 | 34.3 | 22.4 | 0.06 | 22.3 | 22.5 | 88.8 | 72.8 |
| 8/5/2019 | 12.5 | 0.82 | 11.3 | 13.9 | 62.8 | 42.8 | 21.8 | 0.22 | 21.5 | 22.3 | 110.6 | 90.6 |
| 8/6/2019 | 12.2 | 0.65 | 11.3 | 13.3 | 75.0 | 51.0 | 21.7 | 0.06 | 21.6 | 21.8 | 132.3 | 108.3 |
| 8/7/2019 | 12.0 | 0.90 | 10.8 | 14.2 | 87.0 | 59.0 | 21.9 | 0.35 | 21.6 | 22.5 | 154.2 | 126.2 |
| 8/8/2019 | 11.7 | 0.81 | 9.8 | 12.8 | 98.7 | 66.7 | 21.4 | 0.47 | 20.7 | 22.0 | 175.6 | 143.6 |
| 8/9/2019 | 10.5 | 1.37 | 8.8 | 13.1 | 109.2 | 73.2 | 21.4 | 0.31 | 20.9 | 21.8 | 197.0 | 161.0 |
| 8/10/2019 | 13.2 | 1.52 | 10.3 | 15.3 | 122.4 | 82.4 | 21.8 | 0.13 | 21.5 | 21.9 | 218.7 | 178.7 |
| 8/11/2019 | 18.7 | 1.96 | 14.9 | 20.5 | 141.1 | 97.1 | 21.4 | 0.04 | 21.4 | 21.5 | 240.2 | 196.2 |
| 8/12/2019 | 18.1 | 1.36 | 16.4 | 20.5 | 159.2 | 111.2 | 21.5 | 0.06 | 21.4 | 21.6 | 261.6 | 213.6 |
| 8/13/2019 | 17.7 | 2.28 | 13.7 | 20.1 | 176.9 | 124.9 | 21.4 | 0.05 | 21.3 | 21.4 | 283.0 | 231.0 |
| 8/14/2019 | 16.9 | 1.48 | 14.9 | 19.7 | 193.8 | 137.8 | 21.4 | 0.22 | 21.0 | 21.7 | 304.3 | 248.3 |
| 8/15/2019 | 15.4 | 1.46 | 13.0 | 17.9 | 209.2 | 149.2 | 21.3 | 0.55 | 20.7 | 22.4 | 325.6 | 265.6 |
| 8/16/2019 | 12.6 | 1.21 | 10.4 | 14.1 | 221.8 | 157.8 | 21.3 | 0.47 | 20.7 | 22.0 | 346.9 | 282.9 |
| 8/17/2019 | 12.0 | 1.21 | 10.5 | 14.0 | 233.8 | 165.8 | 21.4 | 0.14 | 21.2 | 21.6 | 368.3 | 300.3 |
| 8/18/2019 | 12.1 | 1.57 | 10.4 | 15.3 | 245.8 | 173.8 | 21.3 | 0.05 | 21.2 | 21.4 | 389.6 | 317.6 |
| 8/19/2019 | 12.0 | 0.66 | 10.8 | 12.8 | 257.8 | 181.8 | 21.7 | 0.46 | 21.2 | 22.4 | 411.3 | 335.3 |
| 8/20/2019 | 16.0 | 3.00 | 12.5 | 20.4 | 273.8 | 193.8 | 21.5 | 0.15 | 21.4 | 21.9 | 432.8 | 352.8 |
| 8/21/2019 | 16.6 | 1.40 | 14.6 | 19.6 | 290.4 | 206.4 | 21.2 | 0.12 | 21.0 | 21.4 | 454.0 | 370.0 |
| 8/22/2019 | 15.3 | 1.33 | 13.2 | 17.0 | 305.7 | 217.7 | 21.1 | 0.09 | 21.0 | 21.3 | 475.1 | 387.1 |
| 8/23/2019 | 16.8 | 1.92 | 14.7 | 20.2 | 322.4 | 230.4 | 21.4 | 0.20 | 21.1 | 21.7 | 496.5 | 404.5 |
| 8/24/2019 | 14.7 | 3.36 | 10.8 | 19.9 | 337.2 | 241.2 | 21.4 | 0.20 | 21.0 | 21.6 | 517.9 | 421.9 |
| 8/25/2019 | 8.8 | 0.45 | 8.2 | 9.8 | 346.0 | 246.0 | 20.6 | 0.21 | 20.3 | 21.0 | 538.5 | 438.5 |
| 8/26/2019 | 8.8 | 0.54 | 8.2 | 9.7 | 354.9 | 250.9 | 19.9 | 0.28 | 19.3 | 20.2 | 558.4 | 454.4 |
| 8/27/2019 | 7.6 | 0.89 | 6.4 | 9.6 | 362.5 | 254.5 | 15.5 | 3.39 | 12.0 | 19.9 | 573.9 | 465.9 |
| 8/28/2019 | 7.6 | 0.95 | 6.2 | 9.1 | 370.0 | 258.0 | 12.4 | 0.93 | 11.2 | 14.0 | 586.3 | 474.3 |
| 8/29/2019 | 8.5 | 1.49 | 5.9 | 10.6 | 378.6 | 262.6 | 14.1 | 1.41 | 12.9 | 16.4 | 600.4 | 484.4 |
| 8/30/2019 | 13.5 | 2.24 | 9.5 | 16.2 | 392.1 | 272.1 | 16.9 | 1.27 | 14.4 | 18.1 | 617.3 | 497.3 |
| 8/31/2019 | 16.5 | 0.95 | 14.9 | 17.7 | 408.6 | 284.6 | 19.1 | 0.32 | 18.2 | 19.4 | 636.4 | 512.4 |

September

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/1/2019 | 15.4 | 1.22 | 13.4 | 16.9 | 15.4 | 11.4 | 19.1 | 0.17 | 18.9 | 19.4 | 19.1 | 15.1 |
| 9/2/2019 | 13.8 | 0.87 | 12.3 | 14.7 | 29.2 | 21.2 | 19.0 | 0.19 | 18.6 | 19.3 | 38.1 | 30.1 |
| 9/3/2019 | 16.2 | 1.07 | 14.3 | 17.7 | 45.4 | 33.4 | 18.9 | 0.11 | 18.8 | 19.1 | 57.1 | 45.1 |
| 9/4/2019 | 16.8 | 0.63 | 15.4 | 17.4 | 62.2 | 46.2 | 18.9 | 0.18 | 18.6 | 19.1 | 76.0 | 60.0 |
| 9/5/2019 | 17.0 | 1.10 | 15.4 | 18.1 | 79.2 | 59.2 | 19.1 | 0.05 | 18.9 | 19.1 | 95.1 | 75.1 |
| 9/6/2019 | 18.1 | 0.79 | 15.6 | 18.3 | 97.2 | 73.2 | 18.9 | 0.07 | 18.8 | 19.0 | 114.0 | 90.0 |
| 9/7/2019 | 12.0 | 2.86 | 6.0 | 14.0 | 109.3 | 81.3 | 17.8 | 1.94 | 12.4 | 18.8 | 131.8 | 103.8 |
| 9/8/2019 | 9.1 | 4.35 | 2.0 | 12.8 | 118.3 | 86.3 | 10.6 | 3.28 | 3.2 | 12.8 | 142.4 | 110.4 |
| 9/9/2019 | 12.6 | 0.09 | 12.5 | 12.8 | 131.0 | 95.0 | 12.8 | 0.16 | 12.6 | 13.0 | 155.2 | 119.2 |
| 9/10/2019 | 12.5 | 0.18 | 12.3 | 12.9 | 143.5 | 103.5 | 13.0 | 0.28 | 12.7 | 13.6 | 168.2 | 128.2 |
| 9/11/2019 | 12.4 | 0.27 | 12.0 | 13.0 | 155.9 | 111.9 | 13.4 | 0.08 | 13.4 | 13.6 | 181.7 | 137.7 |
| 9/12/2019 | 13.1 | 0.28 | 12.4 | 13.5 | 168.9 | 120.9 | 13.4 | 0.13 | 13.2 | 13.6 | 195.1 | 147.1 |
| 9/13/2019 | 10.7 | 0.67 | 9.7 | 11.6 | 179.6 | 127.6 | 12.8 | 0.53 | 11.6 | 13.3 | 207.9 | 155.9 |
| 9/14/2019 | 11.5 | 0.57 | 10.7 | 12.2 | 191.1 | 135.1 | 13.2 | 0.60 | 12.3 | 13.8 | 221.1 | 165.1 |
| 9/15/2019 | 12.0 | 0.46 | 11.3 | 12.9 | 203.1 | 143.1 | 13.6 | 0.07 | 13.4 | 13.7 | 234.6 | 174.6 |
| 9/16/2019 | 12.1 | 0.82 | 10.7 | 13.2 | 215.2 | 151.2 | 13.2 | 0.11 | 13.0 | 13.4 | 247.9 | 183.9 |
| 9/17/2019 | 12.2 | 0.81 | 11.2 | 13.3 | 227.5 | 159.5 | 13.0 | 0.30 | 12.4 | 13.4 | 260.9 | 192.9 |
| 9/18/2019 | 10.8 | 0.32 | 10.6 | 11.5 | 238.3 | 166.3 | 11.8 | 0.42 | 11.2 | 12.4 | 272.7 | 200.7 |
| 9/19/2019 | 10.1 | 0.34 | 9.7 | 10.6 | 248.5 | 172.5 | 12.4 | 0.93 | 11.0 | 13.4 | 285.2 | 209.2 |
| 9/20/2019 | 10.0 | 0.27 | 9.8 | 10.6 | 258.5 | 178.5 | 13.2 | 0.49 | 12.6 | 13.8 | 298.3 | 218.3 |
| 9/21/2019 | 10.8 | 0.10 | 10.6 | 10.9 | 269.2 | 185.2 | 13.7 | 0.10 | 13.5 | 13.8 | 312.0 | 228.0 |
| 9/22/2019 | 11.1 | 0.39 | 10.8 | 12.2 | 280.3 | 192.3 | 13.4 | 0.08 | 13.2 | 13.5 | 325.4 | 237.4 |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/23/2019 | 12.9 | 0.14 | 12.5 | 13.1 | 293.2 | 201.2 | 13.4 | 0.05 | 13.3 | 13.4 | 338.8 | 246.8 |
| 9/24/2019 | 13.0 | 0.18 | 12.6 | 13.2 | 306.3 | 210.3 | 13.5 | 0.06 | 13.4 | 13.6 | 352.3 | 256.3 |
| 9/25/2019 | 12.8 | 0.32 | 12.4 | 13.2 | 319.1 | 219.1 | 13.6 | 0.14 | 13.4 | 13.8 | 365.9 | 265.9 |
| 9/26/2019 | 13.3 | 0.07 | 13.2 | 13.4 | 332.4 | 228.4 | 14.0 | 0.19 | 13.7 | 14.2 | 379.8 | 275.8 |
| 9/27/2019 | 13.3 | 0.17 | 13.1 | 13.6 | 345.8 | 237.8 | 14.0 | 0.14 | 13.8 | 14.2 | 393.8 | 285.8 |
| 9/28/2019 | 13.4 | 0.07 | 13.3 | 13.5 | 359.2 | 247.2 | 13.9 | 0.11 | 13.7 | 14.0 | 407.7 | 295.7 |
| 9/29/2019 | 13.5 | 0.17 | 13.3 | 13.7 | 372.7 | 256.7 | 13.9 | 0.03 | 13.9 | 14.0 | 421.6 | 305.6 |
| 9/30/2019 | 13.5 | 0.14 | 13.3 | 13.7 | 386.3 | 266.3 | 13.7 | 0.11 | 13.5 | 13.9 | 435.3 | 315.3 |

October

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/1/2019 | 13.2 | 0.13 | 12.9 | 13.3 | 13.2 | 9.2 | 13.2 | 0.12 | 13.0 | 13.5 | 13.2 | 9.2 |
| 10/2/2019 | 12.8 | 0.05 | 12.8 | 12.9 | 26.0 | 18.0 | 13.2 | 0.07 | 13.1 | 13.3 | 26.4 | 18.4 |
| 10/3/2019 | 12.8 | 0.15 | 12.6 | 12.9 | 38.8 | 26.8 | 13.0 | 0.12 | 12.8 | 13.1 | 39.4 | 27.4 |
| 10/4/2019 | 12.7 | 0.05 | 12.6 | 12.8 | 51.5 | 35.5 | 12.8 | 0.25 | 12.3 | 13.1 | 52.2 | 36.2 |
| 10/5/2019 | 12.4 | 0.34 | 11.8 | 12.8 | 63.9 | 43.9 | 12.6 | 0.28 | 12.0 | 12.8 | 64.7 | 44.7 |
| 10/6/2019 | 12.1 | 0.14 | 11.9 | 12.3 | 76.0 | 52.0 | 11.9 | 0.16 | 11.6 | 12.1 | 76.6 | 52.6 |
| 10/7/2019 | 12.4 | 0.07 | 12.4 | 12.5 | 88.5 | 60.5 | 12.7 | 0.17 | 12.4 | 12.8 | 89.3 | 61.3 |
| 10/8/2019 | 12.2 | 0.38 | 11.8 | 12.7 | 100.7 | 68.7 | 12.9 | 0.12 | 12.7 | 13.1 | 102.2 | 70.2 |
| 10/9/2019 | 11.8 | 0.22 | 11.5 | 12.2 | 112.5 | 76.5 | 12.9 | 0.21 | 12.3 | 13.1 | 115.0 | 79.0 |
| 10/10/2019 | 12.4 | 0.20 | 12.1 | 12.7 | 124.9 | 84.9 | 13.0 | 0.12 | 12.8 | 13.2 | 128.0 | 88.0 |
| 10/11/2019 | 12.1 | 0.18 | 11.9 | 12.3 | 137.0 | 93.0 | 12.6 | 0.11 | 12.5 | 12.8 | 140.6 | 96.6 |
| 10/12/2019 | 11.7 | 0.25 | 11.2 | 11.9 | 148.7 | 100.7 | 12.2 | 0.27 | 11.7 | 12.4 | 152.8 | 104.8 |
| 10/13/2019 | 11.5 | 0.25 | 11.1 | 11.8 | 160.2 | 108.2 | 12.3 | 0.23 | 11.8 | 12.5 | 165.1 | 113.1 |
| 10/14/2019 | 11.5 | 0.12 | 11.2 | 11.6 | 171.6 | 115.6 | 12.5 | 0.20 | 12.2 | 12.7 | 177.6 | 121.6 |
| 10/15/2019 | 11.6 | 0.18 | 11.4 | 12.0 | 183.3 | 123.3 | 12.4 | 0.07 | 12.4 | 12.5 | 190.0 | 130.0 |
| 10/16/2019 | 12.1 | 0.08 | 12.0 | 12.2 | 195.4 | 131.4 | 12.4 | 0.10 | 12.1 | 12.5 | 202.4 | 138.4 |
| 10/17/2019 | 11.3 | 1.42 | 7.3 | 12.1 | 206.7 | 138.7 | 12.1 | 0.21 | 11.7 | 12.3 | 214.5 | 146.5 |
| 10/18/2019 | 10.1 | 1.09 | 7.3 | 11.4 | 216.7 | 144.7 | 11.8 | 0.08 | 11.7 | 11.9 | 226.3 | 154.3 |
| 10/19/2019 | 11.7 | 0.16 | 11.5 | 11.9 | 228.4 | 152.4 | 11.9 | 0.16 | 11.7 | 12.1 | 238.2 | 162.2 |
| 10/20/2019 | 12.0 | 0.07 | 11.9 | 12.0 | 240.4 | 160.4 | 12.1 | 0.05 | 12.1 | 12.2 | 250.3 | 170.3 |
| 10/21/2019 | 12.0 | 0.05 | 11.9 | 12.0 | 252.3 | 168.3 | 12.0 | 0.12 | 11.8 | 12.1 | 262.4 | 178.4 |
| 10/22/2019 | 11.9 | 0.07 | 11.8 | 12.0 | 264.3 | 176.3 | 11.9 | 0.13 | 11.7 | 12.1 | 274.3 | 186.3 |
| 10/23/2019 | 11.1 | 0.66 | 9.5 | 11.9 | 275.4 | 183.4 | 11.7 | 0.33 | 10.8 | 11.9 | 286.0 | 194.0 |
| 10/24/2019 | 9.9 | 1.18 | 7.9 | 11.1 | 285.2 | 189.2 | 11.2 | 0.40 | 10.5 | 11.5 | 297.2 | 201.2 |
| 10/25/2019 | 10.9 | 0.14 | 10.6 | 11.1 | 296.1 | 196.1 | 11.2 | 0.08 | 11.1 | 11.4 | 308.4 | 208.4 |
| 10/26/2019 | 10.5 | 0.19 | 10.3 | 10.8 | 306.7 | 202.7 | 11.2 | 0.13 | 10.9 | 11.4 | 319.6 | 215.6 |
| 10/27/2019 | 10.5 | 0.14 | 10.3 | 10.7 | 317.2 | 209.2 | 10.7 | 0.22 | 10.1 | 10.9 | 330.3 | 222.3 |
| 10/28/2019 | 10.4 | 0.03 | 10.3 | 10.4 | 327.6 | 215.6 | 10.4 | 0.16 | 10.2 | 10.7 | 340.7 | 228.7 |
| 10/29/2019 | 10.5 | 0.11 | 10.2 | 10.6 | 338.0 | 222.0 | 10.7 | 0.14 | 10.5 | 10.9 | 351.4 | 235.4 |
| 10/30/2019 | 10.5 | 0.14 | 10.3 | 10.7 | 348.5 | 228.5 | 10.7 | 0.11 | 10.5 | 10.9 | 362.2 | 242.2 |
| 10/31/2019 | 10.7 | 0.04 | 10.7 | 10.8 | 359.3 | 235.3 | 10.9 | 0.08 | 10.7 | 11.0 | 373.0 | 249.0 |

November

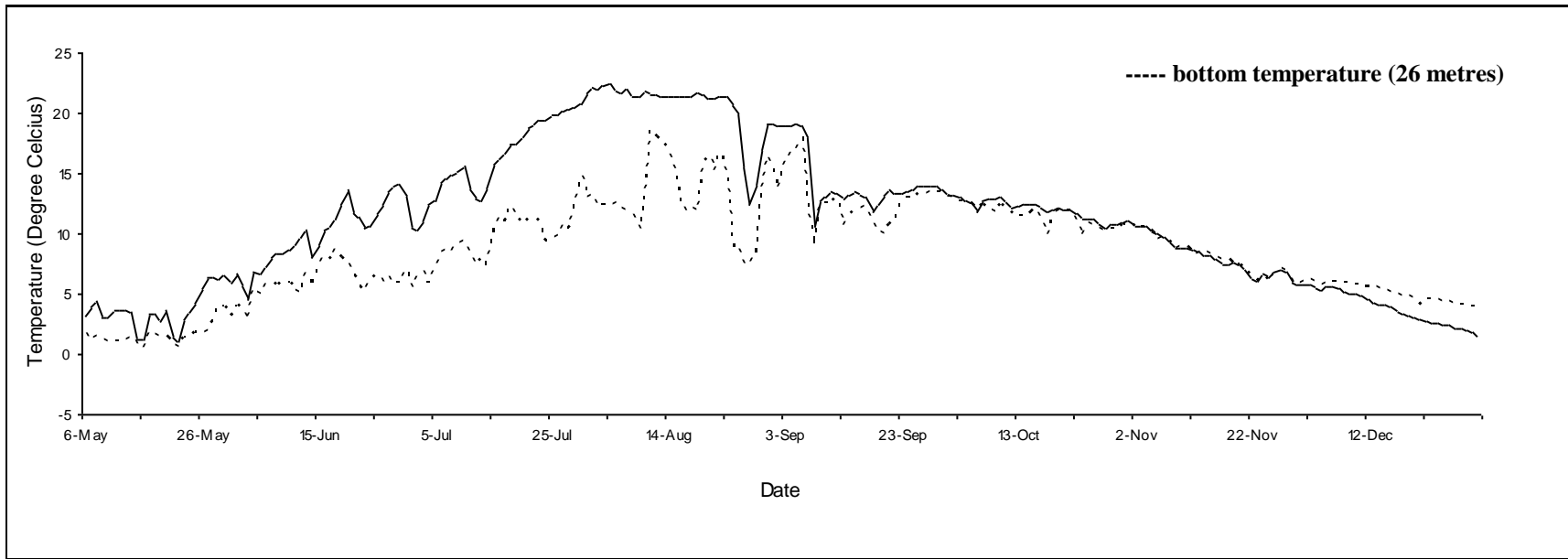
| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 11/1/2019 | 10.9 | 0.07 | 10.8 | 11.0 | 10.9 | 6.9 | 11.0 | 0.09 | 10.9 | 11.1 | 11.0 | 7.0 |
| 11/2/2019 | 10.5 | 0.06 | 10.4 | 10.6 | 21.4 | 13.4 | 10.6 | 0.15 | 10.4 | 10.9 | 21.6 | 13.6 |
| 11/3/2019 | 10.6 | 0.07 | 10.5 | 10.7 | 32.0 | 20.0 | 10.6 | 0.11 | 10.4 | 10.7 | 32.2 | 20.2 |
| 11/4/2019 | 10.6 | 0.09 | 10.3 | 10.7 | 42.6 | 26.6 | 10.6 | 0.06 | 10.5 | 10.8 | 42.8 | 26.8 |
| 11/5/2019 | 10.2 | 0.07 | 10.1 | 10.3 | 52.7 | 32.7 | 10.2 | 0.12 | 10.1 | 10.5 | 53.0 | 33.0 |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 11/6/2019 | 9.6 | 0.29 | 9.2 | 10.0 | 62.3 | 38.3 | 10.0 | 0.05 | 9.9 | 10.0 | 63.0 | 39.0 |
| 11/7/2019 | 9.7 | 0.22 | 9.4 | 10.1 | 72.0 | 44.0 | 9.7 | 0.25 | 9.4 | 10.1 | 72.7 | 44.7 |
| 11/8/2019 | 9.2 | 0.37 | 8.5 | 9.5 | 81.2 | 49.2 | 9.3 | 0.16 | 8.9 | 9.4 | 82.0 | 50.0 |
| 11/9/2019 | 8.8 | 0.22 | 8.5 | 9.1 | 89.9 | 53.9 | 8.8 | 0.31 | 8.3 | 9.1 | 90.8 | 54.8 |
| 11/10/2019 | 9.0 | 0.04 | 8.9 | 9.1 | 98.9 | 58.9 | 8.8 | 0.11 | 8.6 | 9.0 | 99.6 | 59.6 |
| 11/11/2019 | 9.0 | 0.02 | 8.9 | 9.0 | 107.9 | 63.9 | 8.8 | 0.05 | 8.7 | 8.9 | 108.4 | 64.4 |
| 11/12/2019 | 8.4 | 0.52 | 7.4 | 9.0 | 116.3 | 68.3 | 8.7 | 0.05 | 8.6 | 8.8 | 117.1 | 69.1 |
| 11/13/2019 | 8.4 | 0.11 | 8.3 | 8.6 | 124.8 | 72.8 | 8.5 | 0.18 | 8.2 | 8.8 | 125.5 | 73.5 |
| 11/14/2019 | 8.4 | 0.06 | 8.4 | 8.6 | 133.2 | 77.2 | 8.2 | 0.25 | 7.7 | 8.6 | 133.7 | 77.7 |
| 11/15/2019 | 8.4 | 0.05 | 8.3 | 8.4 | 141.6 | 81.6 | 8.1 | 0.03 | 8.1 | 8.2 | 141.8 | 81.8 |
| 11/16/2019 | 8.2 | 0.08 | 8.0 | 8.3 | 149.8 | 85.8 | 7.9 | 0.16 | 7.6 | 8.1 | 149.7 | 85.7 |
| 11/17/2019 | 7.9 | 0.04 | 7.9 | 8.0 | 157.7 | 89.7 | 7.4 | 0.14 | 7.2 | 7.6 | 157.1 | 89.1 |
| 11/18/2019 | 7.9 | 0.02 | 7.9 | 8.0 | 165.6 | 93.6 | 7.5 | 0.23 | 7.0 | 7.7 | 164.6 | 92.6 |
| 11/19/2019 | 7.4 | 0.47 | 6.9 | 7.9 | 173.1 | 97.1 | 7.5 | 0.16 | 7.3 | 7.7 | 172.2 | 96.2 |
| 11/20/2019 | 7.4 | 0.15 | 7.0 | 7.5 | 180.4 | 100.4 | 7.4 | 0.09 | 7.2 | 7.5 | 179.5 | 99.5 |
| 11/21/2019 | 7.0 | 0.24 | 6.6 | 7.3 | 187.4 | 103.4 | 7.0 | 0.27 | 6.5 | 7.3 | 186.5 | 102.5 |
| 11/22/2019 | 6.4 | 0.06 | 6.3 | 6.5 | 193.8 | 105.8 | 6.2 | 0.11 | 6.1 | 6.4 | 192.8 | 104.8 |
| 11/23/2019 | 6.1 | 0.19 | 5.7 | 6.3 | 199.9 | 107.9 | 6.1 | 0.15 | 5.8 | 6.4 | 198.8 | 106.8 |
| 11/24/2019 | 6.5 | 0.16 | 6.3 | 6.8 | 206.4 | 110.4 | 6.6 | 0.16 | 6.4 | 6.9 | 205.5 | 109.5 |
| 11/25/2019 | 6.1 | 0.46 | 5.7 | 6.9 | 212.6 | 112.6 | 6.3 | 0.38 | 5.7 | 6.9 | 211.8 | 111.8 |
| 11/26/2019 | 6.8 | 0.21 | 6.4 | 7.1 | 219.4 | 115.4 | 6.8 | 0.20 | 6.4 | 7.0 | 218.6 | 114.6 |
| 11/27/2019 | 7.1 | 0.11 | 6.9 | 7.2 | 226.4 | 118.4 | 6.9 | 0.06 | 6.8 | 7.0 | 225.5 | 117.5 |
| 11/28/2019 | 6.8 | 0.24 | 6.2 | 7.0 | 233.2 | 121.2 | 6.8 | 0.15 | 6.6 | 7.1 | 232.3 | 120.3 |
| 11/29/2019 | 6.1 | 0.19 | 5.7 | 6.3 | 239.4 | 123.4 | 5.9 | 0.20 | 5.7 | 6.3 | 238.2 | 122.2 |
| 11/30/2019 | 5.9 | 0.12 | 5.7 | 6.0 | 245.2 | 125.2 | 5.7 | 0.05 | 5.6 | 5.8 | 243.9 | 123.9 |

December

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 12/1/2019 | 6.1 | 0.10 | 5.9 | 6.2 | 6.1 | 2.1 | 5.7 | 0.08 | 5.6 | 5.8 | 5.7 | 1.7 |
| 12/2/2019 | 6.3 | 0.04 | 6.2 | 6.3 | 12.3 | 4.3 | 5.7 | 0.17 | 5.4 | 5.9 | 11.4 | 3.4 |
| 12/3/2019 | 6.1 | 0.23 | 5.7 | 6.3 | 18.5 | 6.5 | 5.4 | 0.37 | 4.9 | 5.8 | 16.8 | 4.8 |
| 12/4/2019 | 5.8 | 0.09 | 5.7 | 5.9 | 24.2 | 8.2 | 5.3 | 0.25 | 4.9 | 5.7 | 22.1 | 6.1 |
| 12/5/2019 | 6.0 | 0.07 | 5.9 | 6.1 | 30.3 | 10.3 | 5.6 | 0.08 | 5.4 | 5.8 | 27.6 | 7.6 |
| 12/6/2019 | 6.1 | 0.04 | 6.0 | 6.2 | 36.4 | 12.4 | 5.7 | 0.14 | 5.4 | 5.8 | 33.3 | 9.3 |
| 12/7/2019 | 6.0 | 0.02 | 5.9 | 6.0 | 42.4 | 14.4 | 5.4 | 0.07 | 5.3 | 5.5 | 38.7 | 10.7 |
| 12/8/2019 | 5.9 | 0.01 | 5.9 | 5.9 | 48.3 | 16.3 | 5.2 | 0.10 | 5.0 | 5.3 | 43.9 | 11.9 |
| 12/9/2019 | 5.8 | 0.04 | 5.8 | 5.9 | 54.1 | 18.1 | 5.0 | 0.12 | 4.7 | 5.1 | 48.9 | 12.9 |
| 12/10/2019 | 5.7 | 0.05 | 5.6 | 5.8 | 59.8 | 19.8 | 5.0 | 0.04 | 5.0 | 5.1 | 53.9 | 13.9 |
| 12/11/2019 | 5.6 | 0.01 | 5.6 | 5.6 | 65.4 | 21.4 | 4.8 | 0.34 | 4.2 | 5.2 | 58.7 | 14.7 |
| 12/12/2019 | 5.6 | 0.02 | 5.6 | 5.6 | 71.1 | 23.1 | 4.5 | 0.11 | 4.3 | 4.6 | 63.2 | 15.2 |
| 12/13/2019 | 5.6 | 0.02 | 5.5 | 5.6 | 76.6 | 24.6 | 4.2 | 0.15 | 4.0 | 4.5 | 67.4 | 15.4 |
| 12/14/2019 | 5.5 | 0.05 | 5.4 | 5.5 | 82.1 | 26.1 | 4.0 | 0.11 | 3.8 | 4.2 | 71.5 | 15.5 |
| 12/15/2019 | 5.2 | 0.06 | 5.2 | 5.3 | 87.3 | 27.3 | 4.1 | 0.18 | 3.8 | 4.3 | 75.6 | 15.6 |
| 12/16/2019 | 5.2 | 0.01 | 5.2 | 5.2 | 92.5 | 28.5 | 4.0 | 0.11 | 3.8 | 4.2 | 79.6 | 15.6 |
| 12/17/2019 | 5.0 | 0.09 | 4.9 | 5.2 | 97.5 | 29.5 | 3.6 | 0.11 | 3.4 | 3.8 | 83.1 | 15.6 |
| 12/18/2019 | 4.9 | 0.00 | 4.9 | 4.9 | 102.4 | 30.4 | 3.3 | 0.12 | 3.1 | 3.5 | 86.4 | 15.6 |
| 12/19/2019 | 4.9 | 0.01 | 4.9 | 4.9 | 107.3 | 31.3 | 3.2 | 0.08 | 3.1 | 3.3 | 89.6 | 15.6 |
| 12/20/2019 | 4.5 | 0.51 | 3.6 | 4.9 | 111.8 | 31.8 | 3.1 | 0.06 | 3.0 | 3.2 | 92.7 | 15.6 |
| 12/21/2019 | 4.1 | 0.18 | 3.8 | 4.4 | 115.9 | 31.9 | 2.9 | 0.08 | 2.8 | 3.0 | 95.6 | 15.6 |
| 12/22/2019 | 4.5 | 0.04 | 4.4 | 4.5 | 120.4 | 32.4 | 2.7 | 0.07 | 2.6 | 2.8 | 98.3 | 15.6 |
| 12/23/2019 | 4.5 | 0.01 | 4.5 | 4.5 | 124.9 | 32.9 | 2.6 | 0.02 | 2.5 | 2.6 | 100.9 | 15.6 |
| 12/24/2019 | 4.5 | 0.02 | 4.5 | 4.5 | 129.4 | 33.4 | 2.5 | 0.02 | 2.5 | 2.6 | 103.4 | 15.6 |
| 12/25/2019 | 4.4 | 0.03 | 4.4 | 4.5 | 133.8 | 33.8 | 2.5 | 0.07 | 2.3 | 2.5 | 105.9 | 15.6 |
| 12/26/2019 | 4.3 | 0.03 | 4.3 | 4.4 | 138.2 | 34.2 | 2.4 | 0.12 | 2.2 | 2.5 | 108.3 | 15.6 |
| 12/27/2019 | 4.2 | 0.03 | 4.2 | 4.3 | 142.4 | 34.4 | 2.1 | 0.07 | 1.9 | 2.2 | 110.4 | 15.6 |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 12/28/2019 | 4.1 | 0.03 | 4.1 | 4.2 | 146.5 | 34.5 | 2.0 | 0.05 | 1.9 | 2.1 | 112.4 | 15.6 |
| 12/29/2019 | 4.0 | 0.03 | 4.0 | 4.1 | 150.6 | 34.6 | 1.9 | 0.07 | 1.8 | 2.0 | 114.3 | 15.6 |
| 12/30/2019 | 4.0 | 0.03 | 3.9 | 4.0 | 154.5 | 34.6 | 1.8 | 0.04 | 1.7 | 1.8 | 116.1 | 15.6 |
| 12/31/2019 | 3.9 | 0.02 | 3.8 | 3.9 | 158.4 | 34.6 | 1.6 | 0.08 | 1.5 | 1.8 | 117.7 | 15.6 |



Daily mean temperature for Pleasant Bay, N.S., 2019.

Pointe Sapin, N.B.

2019

May

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 5/5/2019 | 1.6 | 0.14 | 1.5 | 2.0 | 1.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/6/2019 | 1.6 | 0.18 | 1.5 | 2.1 | 3.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/7/2019 | 1.5 | 0.13 | 1.5 | 1.9 | 4.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/8/2019 | 2.0 | 0.62 | 1.5 | 3.5 | 6.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/9/2019 | 3.5 | 0.44 | 2.8 | 4.2 | 10.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/10/2019 | 2.8 | 0.65 | 2.2 | 4.5 | 13.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/11/2019 | 1.9 | 0.27 | 1.7 | 2.5 | 15.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/12/2019 | 4.0 | 0.59 | 3.1 | 4.8 | 19.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/13/2019 | 3.8 | 0.65 | 2.9 | 4.6 | 22.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/14/2019 | 3.2 | 0.53 | 2.7 | 4.6 | 26.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/15/2019 | 4.9 | 0.28 | 4.5 | 5.6 | 30.9 | 0.9 | NA | NA | NA | NA | NA | NA |
| 5/16/2019 | 4.9 | 0.29 | 4.6 | 5.4 | 35.9 | 1.8 | NA | NA | NA | NA | NA | NA |
| 5/17/2019 | 5.0 | 0.17 | 4.8 | 5.3 | 40.9 | 2.8 | NA | NA | NA | NA | NA | NA |
| 5/18/2019 | 4.8 | 0.06 | 4.7 | 4.8 | 45.6 | 3.6 | NA | NA | NA | NA | NA | NA |
| 5/19/2019 | 4.7 | 0.13 | 4.6 | 5.0 | 50.4 | 4.3 | NA | NA | NA | NA | NA | NA |
| 5/20/2019 | 4.8 | 0.18 | 4.7 | 5.3 | 55.2 | 5.2 | NA | NA | NA | NA | NA | NA |
| 5/21/2019 | 4.7 | 0.08 | 4.6 | 4.9 | 59.9 | 5.9 | NA | NA | NA | NA | NA | NA |
| 5/22/2019 | 4.9 | 0.21 | 4.6 | 5.3 | 64.8 | 6.8 | NA | NA | NA | NA | NA | NA |
| 5/23/2019 | 5.0 | 0.18 | 4.8 | 5.4 | 69.8 | 7.8 | NA | NA | NA | NA | NA | NA |
| 5/24/2019 | 5.3 | 0.36 | 5.0 | 5.9 | 75.1 | 9.1 | NA | NA | NA | NA | NA | NA |
| 5/25/2019 | 5.5 | 0.28 | 5.2 | 6.0 | 80.6 | 10.5 | NA | NA | NA | NA | NA | NA |
| 5/26/2019 | 4.9 | 0.27 | 4.6 | 5.3 | 85.5 | 11.4 | NA | NA | NA | NA | NA | NA |
| 5/27/2019 | 4.5 | 0.06 | 4.4 | 4.6 | 89.9 | 11.9 | NA | NA | NA | NA | NA | NA |
| 5/28/2019 | 4.8 | 0.33 | 4.6 | 5.5 | 94.8 | 12.7 | NA | NA | NA | NA | NA | NA |
| 5/29/2019 | 4.5 | 0.21 | 4.3 | 5.0 | 99.2 | 13.2 | NA | NA | NA | NA | NA | NA |
| 5/30/2019 | 4.4 | 0.08 | 4.3 | 4.5 | 103.6 | 13.6 | NA | NA | NA | NA | NA | NA |
| 5/31/2019 | 4.2 | 0.15 | 4.0 | 4.4 | 107.8 | 13.7 | NA | NA | NA | NA | NA | NA |

June

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/1/2019 | 4.5 | 0.60 | 4.0 | 5.5 | 4.5 | 0.5 | NA | NA | NA | NA | NA | NA |
| 6/2/2019 | 4.9 | 0.45 | 4.5 | 5.7 | 9.5 | 1.5 | NA | NA | NA | NA | NA | NA |
| 6/3/2019 | 6.1 | 0.47 | 5.6 | 7.1 | 15.6 | 3.6 | NA | NA | NA | NA | NA | NA |
| 6/4/2019 | 6.5 | 0.79 | 5.7 | 8.1 | 22.1 | 6.1 | NA | NA | NA | NA | NA | NA |
| 6/5/2019 | 6.5 | 0.48 | 6.0 | 7.7 | 28.6 | 8.6 | NA | NA | NA | NA | NA | NA |
| 6/6/2019 | 6.7 | 0.66 | 5.9 | 8.0 | 35.4 | 11.4 | NA | NA | NA | NA | NA | NA |
| 6/7/2019 | 6.7 | 0.52 | 5.9 | 7.4 | 42.1 | 14.1 | NA | NA | NA | NA | NA | NA |
| 6/8/2019 | 7.5 | 1.08 | 6.5 | 9.6 | 49.5 | 17.5 | NA | NA | NA | NA | NA | NA |
| 6/9/2019 | 8.8 | 0.61 | 7.8 | 9.4 | 58.3 | 22.3 | NA | NA | NA | NA | NA | NA |
| 6/10/2019 | 9.7 | 0.47 | 8.6 | 10.4 | 68.0 | 28.0 | NA | NA | NA | NA | NA | NA |
| 6/11/2019 | 9.0 | 0.83 | 8.2 | 10.4 | 77.0 | 33.0 | NA | NA | NA | NA | NA | NA |
| 6/12/2019 | 10.3 | 1.30 | 8.3 | 12.1 | 87.3 | 39.3 | NA | NA | NA | NA | NA | NA |
| 6/13/2019 | 12.0 | 0.22 | 11.7 | 12.4 | 99.2 | 47.2 | NA | NA | NA | NA | NA | NA |
| 6/14/2019 | 12.0 | 0.30 | 11.3 | 12.3 | 111.2 | 55.2 | NA | NA | NA | NA | NA | NA |
| 6/15/2019 | 11.5 | 0.54 | 10.8 | 12.4 | 122.7 | 62.7 | NA | NA | NA | NA | NA | NA |
| 6/16/2019 | 11.4 | 0.96 | 9.8 | 12.3 | 134.1 | 70.1 | NA | NA | NA | NA | NA | NA |
| 6/17/2019 | 11.9 | 0.82 | 10.6 | 13.3 | 146.0 | 78.0 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/18/2019 | 13.0 | 0.53 | 12.1 | 14.3 | 159.1 | 87.1 | NA | NA | NA | NA | NA | NA |
| 6/19/2019 | 12.5 | 1.00 | 11.0 | 14.3 | 171.6 | 95.6 | NA | NA | NA | NA | NA | NA |
| 6/20/2019 | 11.5 | 0.92 | 10.0 | 13.3 | 183.1 | 103.1 | NA | NA | NA | NA | NA | NA |
| 6/21/2019 | 12.2 | 1.14 | 10.3 | 13.9 | 195.2 | 111.2 | NA | NA | NA | NA | NA | NA |
| 6/22/2019 | 13.2 | 0.14 | 13.0 | 13.5 | 208.5 | 120.5 | NA | NA | NA | NA | NA | NA |
| 6/23/2019 | 13.8 | 0.47 | 13.2 | 15.0 | 222.3 | 130.3 | NA | NA | NA | NA | NA | NA |
| 6/24/2019 | 14.4 | 0.17 | 14.2 | 14.7 | 236.7 | 140.7 | NA | NA | NA | NA | NA | NA |
| 6/25/2019 | 13.5 | 0.89 | 12.3 | 14.8 | 250.1 | 150.1 | NA | NA | NA | NA | NA | NA |
| 6/26/2019 | 12.7 | 0.99 | 12.0 | 15.1 | 262.8 | 158.8 | NA | NA | NA | NA | NA | NA |
| 6/27/2019 | 12.3 | 0.19 | 12.1 | 12.6 | 275.1 | 167.1 | NA | NA | NA | NA | NA | NA |
| 6/28/2019 | 10.9 | 0.52 | 10.0 | 11.9 | 286.0 | 174.0 | NA | NA | NA | NA | NA | NA |
| 6/29/2019 | 10.5 | 0.72 | 9.6 | 11.9 | 296.5 | 180.5 | NA | NA | NA | NA | NA | NA |
| 6/30/2019 | 11.5 | 1.84 | 9.6 | 14.0 | 308.0 | 188.0 | NA | NA | NA | NA | NA | NA |

July

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/1/2019 | 13.9 | 0.11 | 13.6 | 14.0 | 13.9 | 9.9 | NA | NA | NA | NA | NA | NA |
| 7/2/2019 | 13.8 | 0.30 | 13.5 | 14.4 | 27.7 | 19.7 | NA | NA | NA | NA | NA | NA |
| 7/3/2019 | 13.8 | 0.46 | 12.8 | 14.4 | 41.5 | 29.5 | NA | NA | NA | NA | NA | NA |
| 7/4/2019 | 12.6 | 1.19 | 10.3 | 14.3 | 54.1 | 38.1 | NA | NA | NA | NA | NA | NA |
| 7/5/2019 | 11.1 | 1.14 | 9.8 | 13.5 | 65.2 | 45.2 | NA | NA | NA | NA | NA | NA |
| 7/6/2019 | 10.3 | 0.78 | 9.9 | 12.7 | 75.5 | 51.5 | NA | NA | NA | NA | NA | NA |
| 7/7/2019 | 13.5 | 1.42 | 10.9 | 15.0 | 89.0 | 61.0 | NA | NA | NA | NA | NA | NA |
| 7/8/2019 | 12.3 | 1.41 | 10.4 | 14.8 | 101.4 | 69.4 | NA | NA | NA | NA | NA | NA |
| 7/9/2019 | 14.5 | 1.78 | 11.1 | 16.3 | 115.9 | 79.9 | NA | NA | NA | NA | NA | NA |
| 7/10/2019 | 16.1 | 0.39 | 15.3 | 16.6 | 131.9 | 91.9 | NA | NA | NA | NA | NA | NA |
| 7/11/2019 | 15.7 | 0.89 | 13.7 | 16.6 | 147.6 | 103.6 | NA | NA | NA | NA | NA | NA |
| 7/12/2019 | 12.7 | 2.21 | 10.2 | 16.1 | 160.4 | 112.4 | NA | NA | NA | NA | NA | NA |
| 7/13/2019 | 9.4 | 0.48 | 9.0 | 10.8 | 169.8 | 117.8 | NA | NA | NA | NA | NA | NA |
| 7/14/2019 | 9.8 | 0.77 | 8.9 | 11.6 | 179.5 | 123.5 | NA | NA | NA | NA | NA | NA |
| 7/15/2019 | 10.5 | 1.30 | 9.3 | 12.8 | 190.0 | 130.0 | NA | NA | NA | NA | NA | NA |
| 7/16/2019 | 11.0 | 0.86 | 10.2 | 12.8 | 201.1 | 137.1 | NA | NA | NA | NA | NA | NA |
| 7/17/2019 | 10.0 | 0.70 | 9.3 | 11.2 | 211.1 | 143.1 | NA | NA | NA | NA | NA | NA |
| 7/18/2019 | 11.7 | 1.38 | 10.3 | 14.2 | 222.8 | 150.8 | NA | NA | NA | NA | NA | NA |
| 7/19/2019 | 10.3 | 1.35 | 9.4 | 14.4 | 233.1 | 157.1 | NA | NA | NA | NA | NA | NA |
| 7/20/2019 | 10.0 | 0.50 | 9.6 | 11.1 | 243.1 | 163.1 | NA | NA | NA | NA | NA | NA |
| 7/21/2019 | 10.0 | 0.41 | 9.6 | 10.9 | 253.1 | 169.1 | NA | NA | NA | NA | NA | NA |
| 7/22/2019 | 10.6 | 1.00 | 9.9 | 13.2 | 263.7 | 175.7 | NA | NA | NA | NA | NA | NA |
| 7/23/2019 | 11.6 | 1.29 | 10.2 | 14.9 | 275.2 | 183.2 | NA | NA | NA | NA | NA | NA |
| 7/24/2019 | 11.5 | 1.59 | 10.2 | 15.3 | 286.7 | 190.7 | NA | NA | NA | NA | NA | NA |
| 7/25/2019 | 13.1 | 1.54 | 11.3 | 16.6 | 299.8 | 199.8 | NA | NA | NA | NA | NA | NA |
| 7/26/2019 | 13.5 | 1.12 | 11.9 | 14.8 | 313.3 | 209.3 | NA | NA | NA | NA | NA | NA |
| 7/27/2019 | 11.8 | 1.24 | 10.8 | 14.3 | 325.1 | 217.1 | NA | NA | NA | NA | NA | NA |
| 7/28/2019 | 11.2 | 0.49 | 10.6 | 11.9 | 336.3 | 224.3 | NA | NA | NA | NA | NA | NA |
| 7/29/2019 | 10.9 | 0.61 | 10.4 | 12.2 | 347.2 | 231.2 | NA | NA | NA | NA | NA | NA |
| 7/30/2019 | 10.6 | 0.32 | 10.4 | 11.5 | 357.8 | 237.8 | NA | NA | NA | NA | NA | NA |
| 7/31/2019 | 10.5 | 0.58 | 9.8 | 11.7 | 368.3 | 244.3 | NA | NA | NA | NA | NA | NA |

August

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/1/2019 | 11.3 | 1.34 | 10.1 | 14.4 | 11.3 | 7.3 | NA | NA | NA | NA | NA | NA |
| 8/2/2019 | 11.5 | 0.94 | 10.5 | 13.6 | 22.8 | 14.8 | NA | NA | NA | NA | NA | NA |
| 8/3/2019 | 12.2 | 1.20 | 11.0 | 14.7 | 35.0 | 23.0 | NA | NA | NA | NA | NA | NA |
| 8/4/2019 | 13.3 | 1.95 | 11.2 | 16.8 | 48.3 | 32.3 | NA | NA | NA | NA | NA | NA |
| 8/5/2019 | 14.3 | 2.34 | 11.1 | 18.1 | 62.7 | 42.7 | NA | NA | NA | NA | NA | NA |
| 8/6/2019 | 16.2 | 1.09 | 13.2 | 17.5 | 78.9 | 54.9 | NA | NA | NA | NA | NA | NA |
| 8/7/2019 | 14.1 | 0.96 | 12.8 | 15.5 | 92.9 | 64.9 | NA | NA | NA | NA | NA | NA |
| 8/8/2019 | 12.0 | 1.07 | 10.6 | 13.6 | 105.0 | 73.0 | NA | NA | NA | NA | NA | NA |
| 8/9/2019 | 10.5 | 0.50 | 10.1 | 11.9 | 115.4 | 79.4 | NA | NA | NA | NA | NA | NA |
| 8/10/2019 | 10.4 | 0.67 | 10.1 | 12.5 | 125.8 | 85.8 | NA | NA | NA | NA | NA | NA |
| 8/11/2019 | 10.8 | 0.87 | 10.1 | 12.9 | 136.6 | 92.6 | NA | NA | NA | NA | NA | NA |
| 8/12/2019 | 12.2 | 1.78 | 10.1 | 15.2 | 148.8 | 100.8 | NA | NA | NA | NA | NA | NA |
| 8/13/2019 | 13.4 | 1.98 | 11.1 | 16.1 | 162.2 | 110.2 | NA | NA | NA | NA | NA | NA |
| 8/14/2019 | 14.0 | 1.88 | 11.7 | 16.8 | 176.2 | 120.2 | NA | NA | NA | NA | NA | NA |
| 8/15/2019 | 13.8 | 1.84 | 11.8 | 16.9 | 190.0 | 130.0 | NA | NA | NA | NA | NA | NA |
| 8/16/2019 | 13.2 | 1.78 | 10.6 | 16.4 | 203.2 | 139.2 | NA | NA | NA | NA | NA | NA |
| 8/17/2019 | 12.4 | 1.43 | 10.4 | 15.9 | 215.5 | 147.5 | NA | NA | NA | NA | NA | NA |
| 8/18/2019 | 12.2 | 1.39 | 10.6 | 16.0 | 227.7 | 155.7 | NA | NA | NA | NA | NA | NA |
| 8/19/2019 | 12.3 | 1.17 | 11.3 | 14.6 | 240.0 | 164.0 | NA | NA | NA | NA | NA | NA |
| 8/20/2019 | 12.2 | 1.15 | 11.0 | 14.3 | 252.2 | 172.2 | NA | NA | NA | NA | NA | NA |
| 8/21/2019 | 12.8 | 0.92 | 12.0 | 14.8 | 265.0 | 181.0 | NA | NA | NA | NA | NA | NA |
| 8/22/2019 | 11.8 | 0.57 | 11.3 | 13.3 | 276.8 | 188.8 | NA | NA | NA | NA | NA | NA |
| 8/23/2019 | 11.4 | 0.72 | 10.8 | 13.2 | 288.2 | 196.2 | NA | NA | NA | NA | NA | NA |
| 8/24/2019 | 16.3 | 3.29 | 11.3 | 19.0 | 304.5 | 208.5 | NA | NA | NA | NA | NA | NA |
| 8/25/2019 | 18.5 | 0.26 | 18.1 | 18.8 | 323.1 | 223.1 | NA | NA | NA | NA | NA | NA |
| 8/26/2019 | 17.3 | 1.25 | 14.6 | 18.8 | 340.4 | 236.4 | NA | NA | NA | NA | NA | NA |
| 8/27/2019 | 15.0 | 1.72 | 12.1 | 17.3 | 355.4 | 247.4 | NA | NA | NA | NA | NA | NA |
| 8/28/2019 | 16.0 | 1.89 | 13.3 | 18.3 | 371.4 | 259.4 | NA | NA | NA | NA | NA | NA |
| 8/29/2019 | 13.2 | 1.37 | 11.6 | 16.5 | 384.6 | 268.6 | NA | NA | NA | NA | NA | NA |
| 8/30/2019 | 12.8 | 1.66 | 11.3 | 16.0 | 397.4 | 277.4 | NA | NA | NA | NA | NA | NA |
| 8/31/2019 | 13.3 | 1.88 | 11.3 | 16.1 | 410.8 | 286.8 | NA | NA | NA | NA | NA | NA |

September

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/1/2019 | 15.8 | 1.79 | 12.6 | 17.7 | 15.8 | 11.8 | NA | NA | NA | NA | NA | NA |
| 9/2/2019 | 13.8 | 2.26 | 11.6 | 17.6 | 29.6 | 21.6 | NA | NA | NA | NA | NA | NA |
| 9/3/2019 | 12.6 | 1.95 | 10.7 | 16.8 | 42.2 | 30.2 | NA | NA | NA | NA | NA | NA |
| 9/4/2019 | 14.0 | 1.99 | 11.8 | 17.2 | 56.2 | 40.2 | NA | NA | NA | NA | NA | NA |
| 9/5/2019 | 11.5 | 1.06 | 10.3 | 13.2 | 67.7 | 47.7 | NA | NA | NA | NA | NA | NA |
| 9/6/2019 | 14.4 | 0.87 | 13.4 | 15.6 | 82.0 | 58.0 | NA | NA | NA | NA | NA | NA |
| 9/7/2019 | 15.4 | 0.48 | 14.6 | 16.1 | 97.5 | 69.5 | NA | NA | NA | NA | NA | NA |
| 9/8/2019 | 14.0 | 0.34 | 13.7 | 14.9 | 111.5 | 79.5 | NA | NA | NA | NA | NA | NA |
| 9/9/2019 | 13.5 | 0.46 | 12.9 | 14.1 | 125.0 | 89.0 | NA | NA | NA | NA | NA | NA |
| 9/10/2019 | 14.2 | 0.21 | 13.9 | 14.4 | 139.2 | 99.2 | NA | NA | NA | NA | NA | NA |
| 9/11/2019 | 14.3 | 0.12 | 14.1 | 14.4 | 153.5 | 109.5 | NA | NA | NA | NA | NA | NA |
| 9/12/2019 | 14.3 | 0.07 | 14.3 | 14.5 | 167.8 | 119.8 | NA | NA | NA | NA | NA | NA |
| 9/13/2019 | 14.4 | 0.14 | 14.3 | 14.7 | 182.2 | 130.2 | NA | NA | NA | NA | NA | NA |
| 9/14/2019 | 14.4 | 0.13 | 14.2 | 14.6 | 196.7 | 140.7 | NA | NA | NA | NA | NA | NA |
| 9/15/2019 | 14.5 | 0.35 | 14.2 | 15.0 | 211.2 | 151.2 | NA | NA | NA | NA | NA | NA |
| 9/16/2019 | 14.7 | 0.11 | 14.6 | 14.9 | 225.9 | 161.9 | NA | NA | NA | NA | NA | NA |
| 9/17/2019 | 14.5 | 0.07 | 14.3 | 14.6 | 240.4 | 172.4 | NA | NA | NA | NA | NA | NA |
| 9/18/2019 | 14.2 | 0.07 | 14.1 | 14.3 | 254.6 | 182.6 | NA | NA | NA | NA | NA | NA |
| 9/19/2019 | 14.2 | 0.02 | 14.1 | 14.2 | 268.7 | 192.7 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/20/2019 | 14.1 | 0.02 | 14.1 | 14.2 | 282.9 | 202.9 | NA | NA | NA | NA | NA | NA |
| 9/21/2019 | 14.3 | 0.16 | 14.1 | 14.6 | 297.1 | 213.1 | NA | NA | NA | NA | NA | NA |
| 9/22/2019 | 14.2 | 0.03 | 14.1 | 14.2 | 311.3 | 223.3 | NA | NA | NA | NA | NA | NA |
| 9/23/2019 | 14.1 | 0.06 | 14.0 | 14.2 | 325.4 | 233.4 | NA | NA | NA | NA | NA | NA |
| 9/24/2019 | 14.4 | 0.14 | 14.2 | 14.7 | 339.8 | 243.8 | NA | NA | NA | NA | NA | NA |
| 9/25/2019 | 14.3 | 0.02 | 14.3 | 14.3 | 354.1 | 254.1 | NA | NA | NA | NA | NA | NA |
| 9/26/2019 | 14.3 | 0.06 | 14.2 | 14.4 | 368.4 | 264.4 | NA | NA | NA | NA | NA | NA |
| 9/27/2019 | 14.4 | 0.15 | 14.2 | 14.6 | 382.8 | 274.8 | NA | NA | NA | NA | NA | NA |
| 9/28/2019 | 14.4 | 0.10 | 14.3 | 14.5 | 397.2 | 285.2 | NA | NA | NA | NA | NA | NA |
| 9/29/2019 | 14.2 | 0.07 | 14.0 | 14.3 | 411.4 | 295.4 | NA | NA | NA | NA | NA | NA |
| 9/30/2019 | 13.7 | 0.16 | 13.6 | 14.1 | 425.1 | 305.1 | NA | NA | NA | NA | NA | NA |

October

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/1/2019 | 13.6 | 0.13 | 13.3 | 13.8 | 13.6 | 9.6 | NA | NA | NA | NA | NA | NA |
| 10/2/2019 | 13.2 | 0.23 | 12.9 | 13.6 | 26.8 | 18.8 | NA | NA | NA | NA | NA | NA |
| 10/3/2019 | 12.7 | 0.15 | 12.4 | 12.9 | 39.5 | 27.5 | NA | NA | NA | NA | NA | NA |
| 10/4/2019 | 12.5 | 0.27 | 12.1 | 12.9 | 52.0 | 36.0 | NA | NA | NA | NA | NA | NA |
| 10/5/2019 | 11.7 | 0.29 | 11.2 | 12.2 | 63.8 | 43.8 | NA | NA | NA | NA | NA | NA |
| 10/6/2019 | 12.1 | 0.10 | 11.9 | 12.2 | 75.8 | 51.8 | NA | NA | NA | NA | NA | NA |
| 10/7/2019 | 12.2 | 0.04 | 12.1 | 12.2 | 88.0 | 60.0 | NA | NA | NA | NA | NA | NA |
| 10/8/2019 | 12.2 | 0.06 | 12.1 | 12.3 | 100.2 | 68.2 | NA | NA | NA | NA | NA | NA |
| 10/9/2019 | 12.2 | 0.13 | 12.1 | 12.4 | 112.4 | 76.4 | NA | NA | NA | NA | NA | NA |
| 10/10/2019 | 12.2 | 0.07 | 12.1 | 12.3 | 124.6 | 84.6 | NA | NA | NA | NA | NA | NA |
| 10/11/2019 | 12.3 | 0.09 | 12.1 | 12.4 | 136.9 | 92.9 | NA | NA | NA | NA | NA | NA |
| 10/12/2019 | 12.3 | 0.11 | 12.2 | 12.5 | 149.2 | 101.2 | NA | NA | NA | NA | NA | NA |
| 10/13/2019 | 12.1 | 0.02 | 12.1 | 12.2 | 161.4 | 109.4 | NA | NA | NA | NA | NA | NA |
| 10/14/2019 | 12.2 | 0.02 | 12.2 | 12.2 | 173.5 | 117.5 | NA | NA | NA | NA | NA | NA |
| 10/15/2019 | 12.2 | 0.03 | 12.2 | 12.3 | 185.7 | 125.7 | NA | NA | NA | NA | NA | NA |
| 10/16/2019 | 12.2 | 0.02 | 12.2 | 12.2 | 197.9 | 133.9 | NA | NA | NA | NA | NA | NA |
| 10/17/2019 | 12.0 | 0.10 | 11.9 | 12.1 | 209.9 | 141.9 | NA | NA | NA | NA | NA | NA |
| 10/18/2019 | 11.9 | 0.05 | 11.8 | 12.0 | 221.8 | 149.8 | NA | NA | NA | NA | NA | NA |
| 10/19/2019 | 11.6 | 0.21 | 11.3 | 11.9 | 233.5 | 157.5 | NA | NA | NA | NA | NA | NA |
| 10/20/2019 | 11.3 | 0.19 | 11.1 | 11.6 | 244.8 | 164.8 | NA | NA | NA | NA | NA | NA |
| 10/21/2019 | 11.3 | 0.14 | 11.1 | 11.4 | 256.0 | 172.0 | NA | NA | NA | NA | NA | NA |
| 10/22/2019 | 11.3 | 0.13 | 11.1 | 11.5 | 267.4 | 179.4 | NA | NA | NA | NA | NA | NA |
| 10/23/2019 | 11.3 | 0.05 | 11.2 | 11.4 | 278.7 | 186.7 | NA | NA | NA | NA | NA | NA |
| 10/24/2019 | 11.3 | 0.09 | 11.1 | 11.4 | 290.0 | 194.0 | NA | NA | NA | NA | NA | NA |
| 10/25/2019 | 11.3 | 0.03 | 11.3 | 11.3 | 301.2 | 201.2 | NA | NA | NA | NA | NA | NA |
| 10/26/2019 | 11.0 | 0.33 | 10.4 | 11.3 | 312.3 | 208.3 | NA | NA | NA | NA | NA | NA |
| 10/27/2019 | 10.7 | 0.31 | 10.3 | 11.1 | 322.9 | 214.9 | NA | NA | NA | NA | NA | NA |
| 10/28/2019 | 10.4 | 0.09 | 10.2 | 10.5 | 333.3 | 221.3 | NA | NA | NA | NA | NA | NA |
| 10/29/2019 | 10.7 | 0.11 | 10.5 | 10.8 | 344.1 | 228.1 | NA | NA | NA | NA | NA | NA |
| 10/30/2019 | 10.7 | 0.09 | 10.6 | 10.9 | 354.8 | 234.8 | NA | NA | NA | NA | NA | NA |
| 10/31/2019 | 10.6 | 0.04 | 10.6 | 10.7 | 365.5 | 241.5 | NA | NA | NA | NA | NA | NA |

November

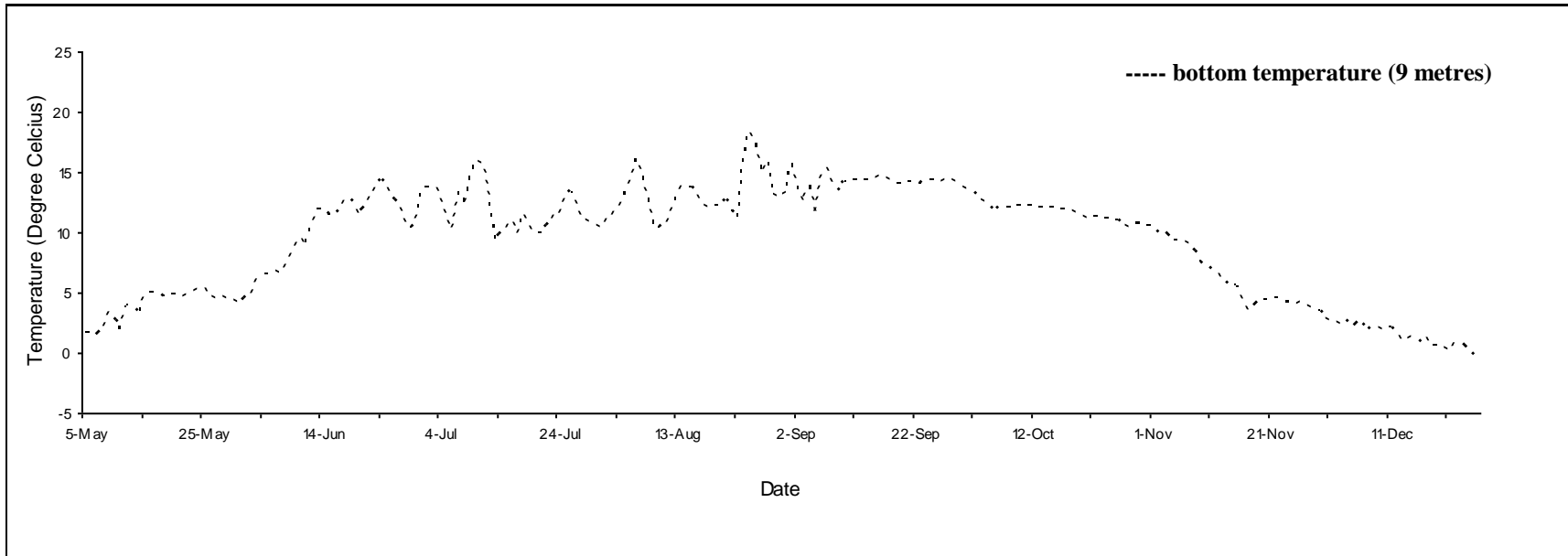
| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 11/1/2019 | 10.5 | 0.48 | 9.7 | 11.0 | 10.5 | 6.5 | NA | NA | NA | NA | NA | NA |
| 11/2/2019 | 9.9 | 0.30 | 9.5 | 10.4 | 20.4 | 12.4 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 11/3/2019 | 9.9 | 0.11 | 9.8 | 10.1 | 30.4 | 18.4 | NA | NA | NA | NA | NA | NA |
| 11/4/2019 | 9.6 | 0.23 | 9.2 | 9.8 | 39.9 | 23.9 | NA | NA | NA | NA | NA | NA |
| 11/5/2019 | 9.4 | 0.07 | 9.3 | 9.5 | 49.3 | 29.3 | NA | NA | NA | NA | NA | NA |
| 11/6/2019 | 9.3 | 0.17 | 9.0 | 9.6 | 58.6 | 34.6 | NA | NA | NA | NA | NA | NA |
| 11/7/2019 | 9.1 | 0.10 | 8.9 | 9.3 | 67.7 | 39.7 | NA | NA | NA | NA | NA | NA |
| 11/8/2019 | 8.5 | 0.23 | 8.2 | 9.0 | 76.2 | 44.2 | NA | NA | NA | NA | NA | NA |
| 11/9/2019 | 7.7 | 0.19 | 7.4 | 8.1 | 83.9 | 47.9 | NA | NA | NA | NA | NA | NA |
| 11/10/2019 | 7.3 | 0.14 | 7.1 | 7.5 | 91.2 | 51.2 | NA | NA | NA | NA | NA | NA |
| 11/11/2019 | 6.8 | 0.37 | 6.3 | 7.3 | 98.0 | 54.0 | NA | NA | NA | NA | NA | NA |
| 11/12/2019 | 6.7 | 0.41 | 6.0 | 7.4 | 104.7 | 56.7 | NA | NA | NA | NA | NA | NA |
| 11/13/2019 | 6.1 | 0.29 | 5.6 | 6.6 | 110.8 | 58.8 | NA | NA | NA | NA | NA | NA |
| 11/14/2019 | 5.4 | 0.27 | 4.8 | 5.8 | 116.2 | 60.2 | NA | NA | NA | NA | NA | NA |
| 11/15/2019 | 5.5 | 0.23 | 5.0 | 5.8 | 121.8 | 61.8 | NA | NA | NA | NA | NA | NA |
| 11/16/2019 | 4.3 | 0.83 | 3.3 | 5.7 | 126.1 | 62.1 | NA | NA | NA | NA | NA | NA |
| 11/17/2019 | 3.7 | 0.60 | 2.2 | 4.4 | 129.8 | 62.1 | NA | NA | NA | NA | NA | NA |
| 11/18/2019 | 3.9 | 0.30 | 3.4 | 4.4 | 133.7 | 62.1 | NA | NA | NA | NA | NA | NA |
| 11/19/2019 | 4.4 | 0.11 | 4.2 | 4.5 | 138.1 | 62.5 | NA | NA | NA | NA | NA | NA |
| 11/20/2019 | 4.4 | 0.17 | 4.0 | 4.6 | 142.5 | 62.9 | NA | NA | NA | NA | NA | NA |
| 11/21/2019 | 4.6 | 0.06 | 4.5 | 4.7 | 147.1 | 63.5 | NA | NA | NA | NA | NA | NA |
| 11/22/2019 | 4.5 | 0.15 | 4.2 | 4.7 | 151.6 | 64.0 | NA | NA | NA | NA | NA | NA |
| 11/23/2019 | 4.3 | 0.37 | 3.6 | 4.8 | 155.9 | 64.3 | NA | NA | NA | NA | NA | NA |
| 11/24/2019 | 4.3 | 0.19 | 4.0 | 4.6 | 160.2 | 64.6 | NA | NA | NA | NA | NA | NA |
| 11/25/2019 | 4.0 | 0.13 | 3.8 | 4.2 | 164.2 | 64.6 | NA | NA | NA | NA | NA | NA |
| 11/26/2019 | 4.2 | 0.25 | 3.6 | 4.5 | 168.4 | 64.8 | NA | NA | NA | NA | NA | NA |
| 11/27/2019 | 4.0 | 0.24 | 3.6 | 4.3 | 172.4 | 64.8 | NA | NA | NA | NA | NA | NA |
| 11/28/2019 | 3.7 | 0.13 | 3.5 | 4.0 | 176.1 | 64.8 | NA | NA | NA | NA | NA | NA |
| 11/29/2019 | 3.5 | 0.09 | 3.3 | 3.7 | 179.7 | 64.8 | NA | NA | NA | NA | NA | NA |
| 11/30/2019 | 2.9 | 0.22 | 2.6 | 3.2 | 182.6 | 64.8 | NA | NA | NA | NA | NA | NA |

December

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 12/1/2019 | 2.5 | 0.48 | 1.7 | 3.3 | 2.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/2/2019 | 2.5 | 0.15 | 2.2 | 2.7 | 5.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/3/2019 | 2.3 | 0.27 | 1.9 | 2.6 | 7.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/4/2019 | 2.8 | 0.32 | 2.3 | 3.2 | 10.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/5/2019 | 2.3 | 0.31 | 1.9 | 2.8 | 12.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/6/2019 | 2.7 | 0.25 | 2.3 | 3.1 | 15.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/7/2019 | 1.8 | 0.33 | 1.4 | 2.3 | 17.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/8/2019 | 2.3 | 0.39 | 1.5 | 2.8 | 19.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/9/2019 | 2.1 | 0.43 | 1.6 | 2.6 | 21.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/10/2019 | 1.8 | 0.19 | 1.6 | 2.1 | 23.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/11/2019 | 2.1 | 0.07 | 2.0 | 2.2 | 25.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/12/2019 | 1.9 | 0.23 | 1.4 | 2.2 | 27.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/13/2019 | 1.0 | 0.17 | 0.8 | 1.3 | 28.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/14/2019 | 1.3 | 0.11 | 1.1 | 1.4 | 29.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/15/2019 | 1.3 | 0.27 | 1.0 | 1.8 | 30.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/16/2019 | 0.9 | 0.30 | 0.5 | 1.5 | 31.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/17/2019 | 1.4 | 0.09 | 1.2 | 1.5 | 33.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/18/2019 | 0.6 | 0.28 | 0.3 | 1.1 | 33.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/19/2019 | 0.6 | 0.31 | 0.0 | 1.0 | 34.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/20/2019 | 0.5 | 0.22 | 0.1 | 0.7 | 34.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/21/2019 | 0.2 | 0.26 | -0.1 | 0.6 | 35.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/22/2019 | 0.9 | 0.11 | 0.6 | 1.0 | 35.9 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/23/2019 | 0.7 | 0.19 | 0.4 | 0.9 | 36.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/24/2019 | 0.3 | 0.26 | 0.0 | 0.8 | 37.0 | 0.0 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 12/25/2019 | -0.2 | 0.16 | -0.4 | 0.2 | 37.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/26/2019 | -0.5 | 0.39 | -1.0 | 0.0 | 37.0 | 0.0 | NA | NA | NA | NA | NA | NA |



Daily mean temperature for Pointe Sapin, N.B., 2019.

Port Hood, N.S.

2019

April

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 4/30/2019 | 1.8 | 0.43 | 1.2 | 2.2 | 1.8 | 0.0 | NA | NA | NA | NA | NA | NA |

May

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 5/1/2019 | 1.5 | 0.07 | 1.4 | 1.6 | 1.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/2/2019 | 1.7 | 0.12 | 1.6 | 1.9 | 3.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/3/2019 | 1.9 | 0.16 | 1.6 | 2.1 | 5.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/4/2019 | 1.9 | 0.07 | 1.8 | 2.0 | 7.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/5/2019 | 2.2 | 0.18 | 2.0 | 2.5 | 9.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/6/2019 | 2.7 | 0.18 | 2.5 | 3.0 | 11.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/7/2019 | 3.0 | 0.10 | 2.8 | 3.2 | 14.9 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/8/2019 | 3.0 | 0.28 | 2.3 | 3.2 | 17.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/9/2019 | 1.8 | 0.34 | 1.4 | 2.5 | 19.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/10/2019 | 1.5 | 0.11 | 1.4 | 1.7 | 21.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/11/2019 | 1.7 | 0.12 | 1.5 | 1.9 | 22.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/12/2019 | 3.1 | 0.45 | 2.3 | 3.7 | 25.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/13/2019 | 2.9 | 0.18 | 2.7 | 3.4 | 28.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/14/2019 | 2.9 | 0.11 | 2.7 | 3.1 | 31.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/15/2019 | 3.9 | 0.31 | 3.2 | 4.1 | 35.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/16/2019 | 3.9 | 0.10 | 3.6 | 4.0 | 39.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/17/2019 | 3.9 | 0.08 | 3.7 | 4.0 | 43.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/18/2019 | 3.7 | 0.42 | 2.8 | 4.1 | 47.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/19/2019 | 1.7 | 0.36 | 1.4 | 2.7 | 48.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/20/2019 | 1.9 | 0.19 | 1.7 | 2.2 | 50.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/21/2019 | 2.7 | 0.19 | 2.5 | 3.2 | 53.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/22/2019 | 2.8 | 0.92 | 1.7 | 4.3 | 56.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/23/2019 | 2.4 | 0.43 | 1.6 | 3.2 | 58.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/24/2019 | 2.4 | 0.20 | 2.0 | 2.8 | 60.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/25/2019 | 2.8 | 0.32 | 2.3 | 3.5 | 63.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/26/2019 | 3.2 | 0.19 | 2.8 | 3.5 | 66.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/27/2019 | 4.2 | 0.23 | 3.7 | 4.5 | 71.0 | 0.2 | NA | NA | NA | NA | NA | NA |
| 5/28/2019 | 4.8 | 0.38 | 4.1 | 5.3 | 75.8 | 1.0 | NA | NA | NA | NA | NA | NA |
| 5/29/2019 | 4.7 | 0.21 | 4.3 | 5.1 | 80.4 | 1.7 | NA | NA | NA | NA | NA | NA |
| 5/30/2019 | 5.5 | 0.57 | 4.4 | 6.4 | 86.0 | 3.2 | NA | NA | NA | NA | NA | NA |
| 5/31/2019 | 6.2 | 0.60 | 5.2 | 7.2 | 92.2 | 5.4 | NA | NA | NA | NA | NA | NA |

June

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/1/2019 | 7.1 | 0.29 | 6.5 | 7.6 | 7.1 | 3.1 | NA | NA | NA | NA | NA | NA |
| 6/2/2019 | 7.4 | 0.44 | 6.9 | 8.2 | 14.6 | 6.6 | NA | NA | NA | NA | NA | NA |
| 6/3/2019 | 7.3 | 0.15 | 7.1 | 7.6 | 21.9 | 9.9 | NA | NA | NA | NA | NA | NA |
| 6/4/2019 | 7.3 | 0.09 | 7.2 | 7.5 | 29.2 | 13.2 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/5/2019 | 6.0 | 0.52 | 5.4 | 7.3 | 35.2 | 15.2 | NA | NA | NA | NA | NA | NA |
| 6/6/2019 | 6.8 | 0.45 | 6.2 | 7.8 | 42.0 | 18.0 | NA | NA | NA | NA | NA | NA |
| 6/7/2019 | 6.5 | 0.89 | 5.0 | 7.7 | 48.5 | 20.5 | NA | NA | NA | NA | NA | NA |
| 6/8/2019 | 5.6 | 0.84 | 4.0 | 6.8 | 54.1 | 22.1 | NA | NA | NA | NA | NA | NA |
| 6/9/2019 | 4.5 | 0.90 | 3.5 | 6.8 | 58.7 | 22.7 | NA | NA | NA | NA | NA | NA |
| 6/10/2019 | 4.5 | 0.44 | 3.8 | 5.3 | 63.2 | 23.2 | NA | NA | NA | NA | NA | NA |
| 6/11/2019 | 4.9 | 0.21 | 4.6 | 5.2 | 68.1 | 24.1 | NA | NA | NA | NA | NA | NA |
| 6/12/2019 | 6.0 | 0.78 | 4.8 | 7.3 | 74.2 | 26.2 | NA | NA | NA | NA | NA | NA |
| 6/13/2019 | 6.8 | 0.58 | 6.2 | 8.0 | 81.0 | 29.0 | NA | NA | NA | NA | NA | NA |
| 6/14/2019 | 7.2 | 0.86 | 6.4 | 9.6 | 88.2 | 32.2 | NA | NA | NA | NA | NA | NA |
| 6/15/2019 | 8.6 | 1.03 | 7.2 | 10.0 | 96.8 | 36.8 | NA | NA | NA | NA | NA | NA |
| 6/16/2019 | 7.6 | 1.09 | 6.5 | 10.0 | 104.5 | 40.5 | NA | NA | NA | NA | NA | NA |
| 6/17/2019 | 6.8 | 0.37 | 6.3 | 7.4 | 111.3 | 43.3 | NA | NA | NA | NA | NA | NA |
| 6/18/2019 | 5.6 | 0.58 | 4.9 | 6.6 | 116.9 | 44.9 | NA | NA | NA | NA | NA | NA |
| 6/19/2019 | 5.7 | 0.40 | 5.1 | 6.4 | 122.6 | 46.6 | NA | NA | NA | NA | NA | NA |
| 6/20/2019 | 6.7 | 0.45 | 6.0 | 7.5 | 129.3 | 49.3 | NA | NA | NA | NA | NA | NA |
| 6/21/2019 | 7.8 | 0.57 | 7.3 | 8.8 | 137.1 | 53.1 | NA | NA | NA | NA | NA | NA |
| 6/22/2019 | 6.6 | 1.58 | 4.7 | 9.9 | 143.8 | 55.8 | NA | NA | NA | NA | NA | NA |
| 6/23/2019 | 4.6 | 0.20 | 4.3 | 5.1 | 148.3 | 56.3 | NA | NA | NA | NA | NA | NA |
| 6/24/2019 | 4.7 | 0.14 | 4.6 | 5.1 | 153.0 | 57.0 | NA | NA | NA | NA | NA | NA |
| 6/25/2019 | 5.4 | 0.41 | 4.8 | 5.9 | 158.4 | 58.4 | NA | NA | NA | NA | NA | NA |
| 6/26/2019 | 6.2 | 0.65 | 5.4 | 7.3 | 164.6 | 60.6 | NA | NA | NA | NA | NA | NA |
| 6/27/2019 | 6.8 | 0.72 | 5.9 | 8.1 | 171.4 | 63.4 | NA | NA | NA | NA | NA | NA |
| 6/28/2019 | 7.6 | 1.05 | 6.4 | 9.1 | 179.0 | 67.0 | NA | NA | NA | NA | NA | NA |
| 6/29/2019 | 7.8 | 0.82 | 6.7 | 9.1 | 186.8 | 70.8 | NA | NA | NA | NA | NA | NA |
| 6/30/2019 | 8.4 | 1.33 | 7.1 | 10.9 | 195.2 | 75.2 | NA | NA | NA | NA | NA | NA |

July

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/1/2019 | 9.6 | 0.72 | 8.4 | 10.3 | 9.6 | 5.6 | NA | NA | NA | NA | NA | NA |
| 7/2/2019 | 9.7 | 0.28 | 9.3 | 10.1 | 19.3 | 11.3 | NA | NA | NA | NA | NA | NA |
| 7/3/2019 | 9.3 | 0.12 | 9.1 | 9.5 | 28.6 | 16.6 | NA | NA | NA | NA | NA | NA |
| 7/4/2019 | 9.4 | 0.11 | 9.2 | 9.6 | 38.0 | 22.0 | NA | NA | NA | NA | NA | NA |
| 7/5/2019 | 9.8 | 0.25 | 9.5 | 10.4 | 47.8 | 27.8 | NA | NA | NA | NA | NA | NA |
| 7/6/2019 | 10.8 | 0.21 | 10.5 | 11.3 | 58.6 | 34.6 | NA | NA | NA | NA | NA | NA |
| 7/7/2019 | 11.6 | 0.36 | 11.2 | 12.3 | 70.2 | 42.2 | NA | NA | NA | NA | NA | NA |
| 7/8/2019 | 11.6 | 0.06 | 11.5 | 11.7 | 81.8 | 49.8 | NA | NA | NA | NA | NA | NA |
| 7/9/2019 | 12.1 | 0.37 | 11.7 | 12.9 | 93.9 | 57.9 | NA | NA | NA | NA | NA | NA |
| 7/10/2019 | 12.5 | 0.28 | 11.9 | 12.8 | 106.4 | 66.4 | NA | NA | NA | NA | NA | NA |
| 7/11/2019 | 12.1 | 0.27 | 11.7 | 12.6 | 118.4 | 74.4 | NA | NA | NA | NA | NA | NA |
| 7/12/2019 | 12.0 | 0.14 | 11.8 | 12.2 | 130.4 | 82.4 | NA | NA | NA | NA | NA | NA |
| 7/13/2019 | 13.0 | 0.67 | 12.2 | 14.6 | 143.4 | 91.4 | NA | NA | NA | NA | NA | NA |
| 7/14/2019 | 13.8 | 0.68 | 13.2 | 15.7 | 157.3 | 101.3 | NA | NA | NA | NA | NA | NA |
| 7/15/2019 | 14.6 | 0.72 | 13.6 | 16.1 | 171.9 | 111.9 | NA | NA | NA | NA | NA | NA |
| 7/16/2019 | 12.9 | 1.13 | 12.1 | 15.9 | 184.8 | 120.8 | NA | NA | NA | NA | NA | NA |
| 7/17/2019 | 12.5 | 0.34 | 12.3 | 13.4 | 197.3 | 129.3 | NA | NA | NA | NA | NA | NA |
| 7/18/2019 | 13.3 | 0.63 | 12.5 | 14.5 | 210.5 | 138.5 | NA | NA | NA | NA | NA | NA |
| 7/19/2019 | 12.9 | 0.59 | 12.6 | 14.2 | 223.4 | 147.4 | NA | NA | NA | NA | NA | NA |
| 7/20/2019 | 13.0 | 0.26 | 12.8 | 13.6 | 236.5 | 156.5 | NA | NA | NA | NA | NA | NA |
| 7/21/2019 | 13.6 | 0.35 | 13.1 | 14.3 | 250.1 | 166.1 | NA | NA | NA | NA | NA | NA |
| 7/22/2019 | 14.1 | 0.47 | 13.7 | 15.4 | 264.2 | 176.2 | NA | NA | NA | NA | NA | NA |
| 7/23/2019 | 14.2 | 0.09 | 14.1 | 14.3 | 278.4 | 186.4 | NA | NA | NA | NA | NA | NA |
| 7/24/2019 | 14.8 | 0.36 | 14.3 | 15.4 | 293.2 | 197.2 | NA | NA | NA | NA | NA | NA |
| 7/25/2019 | 15.3 | 0.41 | 14.8 | 16.1 | 308.5 | 208.5 | NA | NA | NA | NA | NA | NA |
| 7/26/2019 | 15.4 | 0.26 | 15.1 | 16.0 | 324.0 | 220.0 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/27/2019 | 15.5 | 0.32 | 15.2 | 16.4 | 339.5 | 231.5 | NA | NA | NA | NA | NA | NA |
| 7/28/2019 | 15.7 | 0.37 | 15.4 | 16.6 | 355.2 | 243.2 | NA | NA | NA | NA | NA | NA |
| 7/29/2019 | 15.7 | 0.19 | 15.4 | 16.0 | 370.9 | 254.9 | NA | NA | NA | NA | NA | NA |
| 7/30/2019 | 16.0 | 0.27 | 15.4 | 16.4 | 386.9 | 266.9 | NA | NA | NA | NA | NA | NA |
| 7/31/2019 | 13.4 | 0.46 | 13.1 | 14.8 | 400.3 | 276.3 | NA | NA | NA | NA | NA | NA |

August

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/1/2019 | 13.7 | 0.19 | 13.4 | 14.0 | 13.7 | 9.7 | NA | NA | NA | NA | NA | NA |
| 8/2/2019 | 13.2 | 0.41 | 12.8 | 14.2 | 26.8 | 18.8 | NA | NA | NA | NA | NA | NA |
| 8/3/2019 | 13.4 | 0.14 | 13.3 | 13.6 | 40.3 | 28.3 | NA | NA | NA | NA | NA | NA |
| 8/4/2019 | 13.8 | 0.21 | 13.5 | 14.1 | 54.0 | 38.0 | NA | NA | NA | NA | NA | NA |
| 8/5/2019 | 14.2 | 0.19 | 13.9 | 14.5 | 68.2 | 48.2 | NA | NA | NA | NA | NA | NA |
| 8/6/2019 | 14.1 | 0.08 | 13.9 | 14.2 | 82.2 | 58.2 | NA | NA | NA | NA | NA | NA |
| 8/7/2019 | 14.8 | 0.38 | 14.3 | 15.5 | 97.1 | 69.1 | NA | NA | NA | NA | NA | NA |
| 8/8/2019 | 15.6 | 0.31 | 15.1 | 16.2 | 112.6 | 80.6 | NA | NA | NA | NA | NA | NA |
| 8/9/2019 | 15.7 | 0.31 | 15.3 | 16.4 | 128.4 | 92.4 | NA | NA | NA | NA | NA | NA |
| 8/10/2019 | 15.8 | 0.76 | 13.7 | 16.9 | 144.2 | 104.2 | NA | NA | NA | NA | NA | NA |
| 8/11/2019 | 14.2 | 0.74 | 13.4 | 16.0 | 158.4 | 114.4 | NA | NA | NA | NA | NA | NA |
| 8/12/2019 | 14.9 | 0.82 | 14.2 | 16.7 | 173.3 | 125.3 | NA | NA | NA | NA | NA | NA |
| 8/13/2019 | 15.3 | 0.82 | 14.5 | 17.3 | 188.6 | 136.6 | NA | NA | NA | NA | NA | NA |
| 8/14/2019 | 15.9 | 0.79 | 15.1 | 17.5 | 204.4 | 148.4 | NA | NA | NA | NA | NA | NA |
| 8/15/2019 | 15.3 | 0.50 | 14.6 | 16.1 | 219.7 | 159.7 | NA | NA | NA | NA | NA | NA |
| 8/16/2019 | 15.3 | 0.31 | 14.7 | 15.8 | 235.0 | 171.0 | NA | NA | NA | NA | NA | NA |
| 8/17/2019 | 15.8 | 0.55 | 15.3 | 17.0 | 250.8 | 182.8 | NA | NA | NA | NA | NA | NA |
| 8/18/2019 | 16.2 | 0.65 | 15.6 | 17.5 | 267.1 | 195.1 | NA | NA | NA | NA | NA | NA |
| 8/19/2019 | 16.9 | 1.06 | 15.6 | 18.7 | 284.0 | 208.0 | NA | NA | NA | NA | NA | NA |
| 8/20/2019 | 16.3 | 0.59 | 15.3 | 17.5 | 300.3 | 220.3 | NA | NA | NA | NA | NA | NA |
| 8/21/2019 | 13.8 | 1.00 | 13.2 | 16.8 | 314.1 | 230.1 | NA | NA | NA | NA | NA | NA |
| 8/22/2019 | 13.7 | 0.10 | 13.5 | 13.8 | 327.8 | 239.8 | NA | NA | NA | NA | NA | NA |
| 8/23/2019 | 14.4 | 0.51 | 13.7 | 15.4 | 342.2 | 250.2 | NA | NA | NA | NA | NA | NA |
| 8/24/2019 | 14.1 | 0.61 | 13.1 | 15.4 | 356.3 | 260.3 | NA | NA | NA | NA | NA | NA |
| 8/25/2019 | 13.4 | 0.26 | 13.1 | 13.8 | 369.7 | 269.7 | NA | NA | NA | NA | NA | NA |
| 8/26/2019 | 14.0 | 0.35 | 13.6 | 14.7 | 383.7 | 279.7 | NA | NA | NA | NA | NA | NA |
| 8/27/2019 | 13.0 | 1.51 | 11.0 | 15.2 | 396.8 | 288.8 | NA | NA | NA | NA | NA | NA |
| 8/28/2019 | 11.4 | 0.23 | 11.2 | 11.9 | 408.2 | 296.2 | NA | NA | NA | NA | NA | NA |
| 8/29/2019 | 12.2 | 0.57 | 11.6 | 13.5 | 420.4 | 304.4 | NA | NA | NA | NA | NA | NA |
| 8/30/2019 | 13.0 | 0.79 | 12.3 | 14.9 | 433.4 | 313.4 | NA | NA | NA | NA | NA | NA |
| 8/31/2019 | 14.2 | 1.05 | 12.8 | 16.2 | 447.6 | 323.6 | NA | NA | NA | NA | NA | NA |

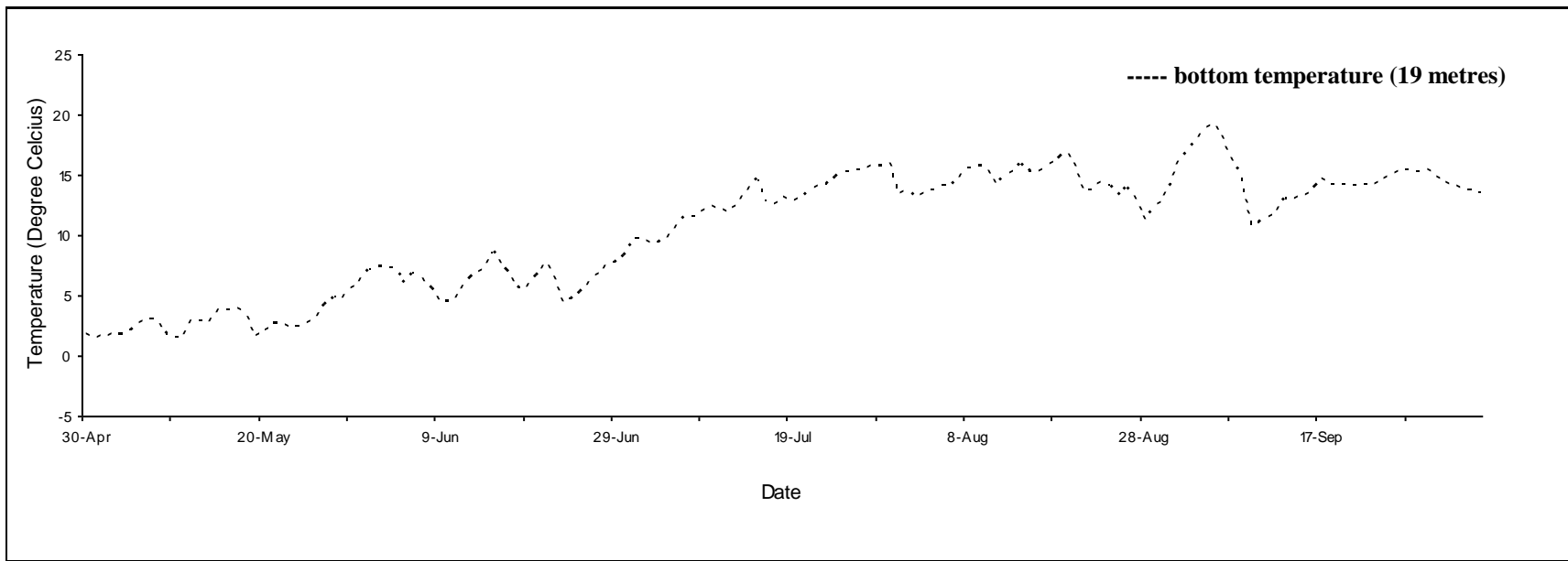
September

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/1/2019 | 16.4 | 1.07 | 15.0 | 17.9 | 16.4 | 12.4 | NA | NA | NA | NA | NA | NA |
| 9/2/2019 | 16.9 | 0.21 | 16.7 | 17.3 | 33.3 | 25.3 | NA | NA | NA | NA | NA | NA |
| 9/3/2019 | 18.1 | 0.61 | 17.2 | 18.9 | 51.4 | 39.4 | NA | NA | NA | NA | NA | NA |
| 9/4/2019 | 18.9 | 0.16 | 18.7 | 19.2 | 70.3 | 54.3 | NA | NA | NA | NA | NA | NA |
| 9/5/2019 | 19.2 | 0.25 | 18.9 | 19.5 | 89.5 | 69.5 | NA | NA | NA | NA | NA | NA |
| 9/6/2019 | 17.5 | 1.12 | 16.6 | 19.4 | 107.1 | 83.1 | NA | NA | NA | NA | NA | NA |
| 9/7/2019 | 16.2 | 2.50 | 8.7 | 18.5 | 123.3 | 95.3 | NA | NA | NA | NA | NA | NA |
| 9/8/2019 | 14.7 | 1.00 | 12.7 | 15.9 | 138.0 | 106.0 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/9/2019 | 10.9 | 0.18 | 10.7 | 11.4 | 148.9 | 112.9 | NA | NA | NA | NA | NA | NA |
| 9/10/2019 | 11.1 | 0.16 | 10.9 | 11.4 | 159.9 | 119.9 | NA | NA | NA | NA | NA | NA |
| 9/11/2019 | 11.5 | 0.09 | 11.4 | 11.7 | 171.4 | 127.4 | NA | NA | NA | NA | NA | NA |
| 9/12/2019 | 11.9 | 0.25 | 11.6 | 12.5 | 183.3 | 135.3 | NA | NA | NA | NA | NA | NA |
| 9/13/2019 | 13.0 | 0.24 | 12.7 | 13.6 | 196.3 | 144.3 | NA | NA | NA | NA | NA | NA |
| 9/14/2019 | 13.1 | 0.13 | 12.9 | 13.2 | 209.4 | 153.4 | NA | NA | NA | NA | NA | NA |
| 9/15/2019 | 13.3 | 0.12 | 13.1 | 13.6 | 222.7 | 162.7 | NA | NA | NA | NA | NA | NA |
| 9/16/2019 | 13.7 | 0.28 | 13.4 | 14.3 | 236.3 | 172.3 | NA | NA | NA | NA | NA | NA |
| 9/17/2019 | 14.7 | 0.71 | 13.7 | 15.6 | 251.0 | 183.0 | NA | NA | NA | NA | NA | NA |
| 9/18/2019 | 14.2 | 0.11 | 14.1 | 14.4 | 265.2 | 193.2 | NA | NA | NA | NA | NA | NA |
| 9/19/2019 | 14.3 | 0.06 | 14.2 | 14.4 | 279.5 | 203.5 | NA | NA | NA | NA | NA | NA |
| 9/20/2019 | 14.2 | 0.09 | 14.1 | 14.3 | 293.7 | 213.7 | NA | NA | NA | NA | NA | NA |
| 9/21/2019 | 14.1 | 0.20 | 13.9 | 14.4 | 307.8 | 223.8 | NA | NA | NA | NA | NA | NA |
| 9/22/2019 | 14.3 | 0.04 | 14.2 | 14.4 | 322.1 | 234.1 | NA | NA | NA | NA | NA | NA |
| 9/23/2019 | 14.3 | 0.02 | 14.2 | 14.3 | 336.4 | 244.4 | NA | NA | NA | NA | NA | NA |
| 9/24/2019 | 14.7 | 0.24 | 14.3 | 15.1 | 351.2 | 255.2 | NA | NA | NA | NA | NA | NA |
| 9/25/2019 | 14.9 | 0.17 | 14.8 | 15.3 | 366.1 | 266.1 | NA | NA | NA | NA | NA | NA |
| 9/26/2019 | 15.3 | 0.10 | 15.1 | 15.4 | 381.4 | 277.4 | NA | NA | NA | NA | NA | NA |
| 9/27/2019 | 15.4 | 0.09 | 15.3 | 15.6 | 396.8 | 288.8 | NA | NA | NA | NA | NA | NA |
| 9/28/2019 | 15.3 | 0.09 | 15.2 | 15.5 | 412.1 | 300.1 | NA | NA | NA | NA | NA | NA |
| 9/29/2019 | 15.5 | 0.12 | 15.3 | 15.6 | 427.6 | 311.6 | NA | NA | NA | NA | NA | NA |
| 9/30/2019 | 15.0 | 0.19 | 14.8 | 15.2 | 442.5 | 322.5 | NA | NA | NA | NA | NA | NA |

October

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/1/2019 | 14.4 | 0.13 | 14.3 | 14.7 | 14.4 | 10.4 | NA | NA | NA | NA | NA | NA |
| 10/2/2019 | 14.2 | 0.06 | 14.1 | 14.3 | 28.7 | 20.7 | NA | NA | NA | NA | NA | NA |
| 10/3/2019 | 14.0 | 0.09 | 13.9 | 14.1 | 42.6 | 30.6 | NA | NA | NA | NA | NA | NA |
| 10/4/2019 | 13.8 | 0.21 | 13.2 | 14.0 | 56.4 | 40.4 | NA | NA | NA | NA | NA | NA |
| 10/5/2019 | 13.4 | 0.23 | 13.2 | 14.0 | 69.8 | 49.8 | NA | NA | NA | NA | NA | NA |



Daily mean temperature for Port Hood, N.S., 2019.

Prim Reef, P.E.I.

2019

May

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 5/1/2019 | 2.6 | 0.16 | 2.3 | 2.7 | 2.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/2/2019 | 2.7 | 0.05 | 2.7 | 2.9 | 5.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/3/2019 | 2.9 | 0.10 | 2.8 | 3.0 | 8.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/4/2019 | 3.3 | 0.25 | 2.8 | 3.6 | 11.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/5/2019 | 3.3 | 0.19 | 3.0 | 3.6 | 14.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/6/2019 | 3.5 | 0.18 | 3.2 | 3.8 | 18.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/7/2019 | 3.8 | 0.21 | 3.5 | 4.2 | 22.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/8/2019 | 4.1 | 0.24 | 3.8 | 4.6 | 26.2 | 0.1 | NA | NA | NA | NA | NA | NA |
| 5/9/2019 | 4.5 | 0.21 | 4.2 | 4.8 | 30.7 | 0.6 | NA | NA | NA | NA | NA | NA |
| 5/10/2019 | 4.6 | 0.15 | 4.3 | 4.8 | 35.3 | 1.2 | NA | NA | NA | NA | NA | NA |
| 5/11/2019 | 4.8 | 0.20 | 4.4 | 5.1 | 40.1 | 1.9 | NA | NA | NA | NA | NA | NA |
| 5/12/2019 | 4.6 | 0.21 | 4.4 | 5.0 | 44.7 | 2.5 | NA | NA | NA | NA | NA | NA |
| 5/13/2019 | 4.9 | 0.11 | 4.7 | 5.1 | 49.6 | 3.5 | NA | NA | NA | NA | NA | NA |
| 5/14/2019 | 5.1 | 0.14 | 4.9 | 5.3 | 54.7 | 4.6 | NA | NA | NA | NA | NA | NA |
| 5/15/2019 | 5.1 | 0.10 | 4.9 | 5.2 | 59.8 | 5.6 | NA | NA | NA | NA | NA | NA |
| 5/16/2019 | 5.0 | 0.08 | 4.9 | 5.2 | 64.8 | 6.7 | NA | NA | NA | NA | NA | NA |
| 5/17/2019 | 5.2 | 0.11 | 5.0 | 5.4 | 70.0 | 7.9 | NA | NA | NA | NA | NA | NA |
| 5/18/2019 | 5.4 | 0.13 | 5.2 | 5.6 | 75.4 | 9.3 | NA | NA | NA | NA | NA | NA |
| 5/19/2019 | 5.6 | 0.08 | 5.4 | 5.7 | 81.0 | 10.8 | NA | NA | NA | NA | NA | NA |
| 5/20/2019 | 5.7 | 0.13 | 5.5 | 5.9 | 86.7 | 12.6 | NA | NA | NA | NA | NA | NA |
| 5/21/2019 | 5.9 | 0.07 | 5.7 | 5.9 | 92.6 | 14.4 | NA | NA | NA | NA | NA | NA |
| 5/22/2019 | 5.9 | 0.09 | 5.8 | 6.1 | 98.5 | 16.3 | NA | NA | NA | NA | NA | NA |
| 5/23/2019 | 6.0 | 0.05 | 5.9 | 6.1 | 104.4 | 18.3 | NA | NA | NA | NA | NA | NA |
| 5/24/2019 | 6.1 | 0.12 | 5.9 | 6.3 | 110.6 | 20.4 | NA | NA | NA | NA | NA | NA |
| 5/25/2019 | 6.2 | 0.09 | 6.1 | 6.3 | 116.8 | 22.6 | NA | NA | NA | NA | NA | NA |
| 5/26/2019 | 6.4 | 0.17 | 6.2 | 6.7 | 123.2 | 25.1 | NA | NA | NA | NA | NA | NA |
| 5/27/2019 | 6.6 | 0.14 | 6.3 | 6.8 | 129.8 | 27.7 | NA | NA | NA | NA | NA | NA |
| 5/28/2019 | 6.5 | 0.08 | 6.4 | 6.7 | 136.4 | 30.2 | NA | NA | NA | NA | NA | NA |
| 5/29/2019 | 6.6 | 0.15 | 6.4 | 7.0 | 142.9 | 32.8 | NA | NA | NA | NA | NA | NA |
| 5/30/2019 | 7.0 | 0.30 | 6.4 | 7.4 | 149.9 | 35.8 | NA | NA | NA | NA | NA | NA |
| 5/31/2019 | 7.6 | 0.48 | 6.5 | 8.0 | 157.5 | 39.4 | NA | NA | NA | NA | NA | NA |

June

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/1/2019 | 7.4 | 0.50 | 6.5 | 7.9 | 7.4 | 3.4 | NA | NA | NA | NA | NA | NA |
| 6/2/2019 | 7.8 | 0.57 | 6.8 | 8.5 | 15.2 | 7.2 | NA | NA | NA | NA | NA | NA |
| 6/3/2019 | 8.3 | 0.17 | 7.9 | 8.5 | 23.4 | 11.4 | NA | NA | NA | NA | NA | NA |
| 6/4/2019 | 8.4 | 0.40 | 7.7 | 8.7 | 31.8 | 15.8 | NA | NA | NA | NA | NA | NA |
| 6/5/2019 | 8.5 | 0.84 | 6.9 | 9.4 | 40.3 | 20.3 | NA | NA | NA | NA | NA | NA |
| 6/6/2019 | 7.6 | 0.84 | 6.5 | 8.9 | 47.9 | 23.9 | NA | NA | NA | NA | NA | NA |
| 6/7/2019 | 7.3 | 0.59 | 6.4 | 8.4 | 55.2 | 27.2 | NA | NA | NA | NA | NA | NA |
| 6/8/2019 | 7.2 | 0.50 | 6.6 | 8.1 | 62.5 | 30.5 | NA | NA | NA | NA | NA | NA |
| 6/9/2019 | 7.0 | 0.37 | 6.4 | 7.6 | 69.4 | 33.4 | NA | NA | NA | NA | NA | NA |
| 6/10/2019 | 6.8 | 0.45 | 6.1 | 7.4 | 76.2 | 36.2 | NA | NA | NA | NA | NA | NA |
| 6/11/2019 | 7.0 | 0.59 | 6.1 | 8.1 | 83.2 | 39.2 | NA | NA | NA | NA | NA | NA |
| 6/12/2019 | 6.4 | 0.62 | 5.8 | 8.2 | 89.6 | 41.6 | NA | NA | NA | NA | NA | NA |
| 6/13/2019 | 6.2 | 0.25 | 5.9 | 6.7 | 95.8 | 43.8 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/14/2019 | 7.5 | 1.01 | 6.2 | 8.7 | 103.3 | 47.3 | NA | NA | NA | NA | NA | NA |
| 6/15/2019 | 8.3 | 0.88 | 6.5 | 9.0 | 111.6 | 51.6 | NA | NA | NA | NA | NA | NA |
| 6/16/2019 | 7.7 | 0.78 | 6.6 | 8.8 | 119.3 | 55.3 | NA | NA | NA | NA | NA | NA |
| 6/17/2019 | 7.6 | 0.50 | 6.7 | 8.6 | 126.8 | 58.8 | NA | NA | NA | NA | NA | NA |
| 6/18/2019 | 7.6 | 0.46 | 6.7 | 8.3 | 134.4 | 62.4 | NA | NA | NA | NA | NA | NA |
| 6/19/2019 | 8.3 | 0.83 | 6.8 | 9.7 | 142.7 | 66.7 | NA | NA | NA | NA | NA | NA |
| 6/20/2019 | 7.9 | 0.41 | 7.1 | 8.8 | 150.6 | 70.6 | NA | NA | NA | NA | NA | NA |
| 6/21/2019 | 7.8 | 0.42 | 7.1 | 8.2 | 158.4 | 74.4 | NA | NA | NA | NA | NA | NA |
| 6/22/2019 | 7.9 | 0.26 | 7.7 | 8.4 | 166.3 | 78.3 | NA | NA | NA | NA | NA | NA |
| 6/23/2019 | 7.8 | 0.27 | 7.2 | 8.2 | 174.1 | 82.1 | NA | NA | NA | NA | NA | NA |
| 6/24/2019 | 7.8 | 0.11 | 7.6 | 8.0 | 181.9 | 85.9 | NA | NA | NA | NA | NA | NA |
| 6/25/2019 | 8.0 | 0.32 | 7.7 | 8.9 | 189.9 | 89.9 | NA | NA | NA | NA | NA | NA |
| 6/26/2019 | 8.4 | 0.29 | 8.0 | 9.0 | 198.4 | 94.4 | NA | NA | NA | NA | NA | NA |
| 6/27/2019 | 9.5 | 0.91 | 8.4 | 11.4 | 207.9 | 99.9 | NA | NA | NA | NA | NA | NA |
| 6/28/2019 | 11.3 | 0.51 | 10.5 | 12.1 | 219.2 | 107.2 | NA | NA | NA | NA | NA | NA |
| 6/29/2019 | 10.9 | 0.63 | 9.8 | 11.5 | 230.1 | 114.1 | NA | NA | NA | NA | NA | NA |
| 6/30/2019 | 10.7 | 0.51 | 10.1 | 11.6 | 240.8 | 120.8 | NA | NA | NA | NA | NA | NA |

July

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/1/2019 | 10.5 | 0.51 | 9.6 | 11.2 | 10.5 | 6.5 | NA | NA | NA | NA | NA | NA |
| 7/2/2019 | 10.4 | 0.46 | 9.7 | 11.1 | 20.8 | 12.8 | NA | NA | NA | NA | NA | NA |
| 7/3/2019 | 10.7 | 0.46 | 10.0 | 11.4 | 31.6 | 19.6 | NA | NA | NA | NA | NA | NA |
| 7/4/2019 | 11.4 | 0.32 | 10.7 | 11.8 | 43.0 | 27.0 | NA | NA | NA | NA | NA | NA |
| 7/5/2019 | 12.1 | 0.30 | 11.7 | 12.7 | 55.1 | 35.1 | NA | NA | NA | NA | NA | NA |
| 7/6/2019 | 12.3 | 0.38 | 11.6 | 12.8 | 67.4 | 43.4 | NA | NA | NA | NA | NA | NA |
| 7/7/2019 | 12.3 | 0.33 | 11.7 | 12.8 | 79.7 | 51.7 | NA | NA | NA | NA | NA | NA |
| 7/8/2019 | 12.7 | 0.42 | 11.9 | 13.3 | 92.3 | 60.3 | NA | NA | NA | NA | NA | NA |
| 7/9/2019 | 12.7 | 0.37 | 12.0 | 13.1 | 105.0 | 69.0 | NA | NA | NA | NA | NA | NA |
| 7/10/2019 | 12.5 | 0.34 | 12.2 | 13.1 | 117.6 | 77.6 | NA | NA | NA | NA | NA | NA |
| 7/11/2019 | 12.6 | 0.25 | 12.2 | 12.9 | 130.2 | 86.2 | NA | NA | NA | NA | NA | NA |
| 7/12/2019 | 13.2 | 0.52 | 12.4 | 14.1 | 143.4 | 95.4 | NA | NA | NA | NA | NA | NA |
| 7/13/2019 | 13.8 | 0.95 | 12.9 | 15.6 | 157.2 | 105.2 | NA | NA | NA | NA | NA | NA |
| 7/14/2019 | 14.3 | 0.88 | 13.0 | 15.7 | 171.4 | 115.4 | NA | NA | NA | NA | NA | NA |
| 7/15/2019 | 14.2 | 0.71 | 13.2 | 15.4 | 185.6 | 125.6 | NA | NA | NA | NA | NA | NA |
| 7/16/2019 | 13.8 | 0.45 | 12.9 | 14.5 | 199.4 | 135.4 | NA | NA | NA | NA | NA | NA |
| 7/17/2019 | 13.9 | 0.69 | 12.7 | 15.1 | 213.4 | 145.4 | NA | NA | NA | NA | NA | NA |
| 7/18/2019 | 13.5 | 0.43 | 12.9 | 14.2 | 226.8 | 154.8 | NA | NA | NA | NA | NA | NA |
| 7/19/2019 | 13.6 | 0.63 | 12.7 | 14.9 | 240.5 | 164.5 | NA | NA | NA | NA | NA | NA |
| 7/20/2019 | 13.6 | 0.55 | 12.9 | 14.8 | 254.0 | 174.0 | NA | NA | NA | NA | NA | NA |
| 7/21/2019 | 13.4 | 0.37 | 12.8 | 13.9 | 267.4 | 183.4 | NA | NA | NA | NA | NA | NA |
| 7/22/2019 | 13.3 | 0.31 | 12.8 | 13.9 | 280.7 | 192.7 | NA | NA | NA | NA | NA | NA |
| 7/23/2019 | 13.3 | 0.32 | 12.8 | 13.9 | 294.1 | 202.1 | NA | NA | NA | NA | NA | NA |
| 7/24/2019 | 13.6 | 0.34 | 13.1 | 14.1 | 307.7 | 211.7 | NA | NA | NA | NA | NA | NA |
| 7/25/2019 | 13.9 | 0.32 | 13.5 | 14.7 | 321.5 | 221.5 | NA | NA | NA | NA | NA | NA |
| 7/26/2019 | 13.9 | 0.25 | 13.5 | 14.4 | 335.5 | 231.5 | NA | NA | NA | NA | NA | NA |
| 7/27/2019 | 14.3 | 0.34 | 13.7 | 14.8 | 349.7 | 241.7 | NA | NA | NA | NA | NA | NA |
| 7/28/2019 | 14.9 | 0.72 | 13.9 | 16.6 | 364.6 | 252.6 | NA | NA | NA | NA | NA | NA |
| 7/29/2019 | 15.0 | 0.89 | 13.6 | 16.8 | 379.7 | 263.7 | NA | NA | NA | NA | NA | NA |
| 7/30/2019 | 14.8 | 0.82 | 13.6 | 16.8 | 394.4 | 274.4 | NA | NA | NA | NA | NA | NA |
| 7/31/2019 | 14.3 | 0.50 | 13.6 | 15.4 | 408.8 | 284.8 | NA | NA | NA | NA | NA | NA |

August

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/1/2019 | 14.6 | 0.65 | 13.7 | 15.8 | 14.6 | 10.6 | NA | NA | NA | NA | NA | NA |
| 8/2/2019 | 14.5 | 0.55 | 13.7 | 15.6 | 29.1 | 21.1 | NA | NA | NA | NA | NA | NA |
| 8/3/2019 | 14.5 | 0.70 | 13.4 | 15.8 | 43.6 | 31.6 | NA | NA | NA | NA | NA | NA |
| 8/4/2019 | 14.3 | 0.41 | 13.6 | 15.0 | 57.9 | 41.9 | NA | NA | NA | NA | NA | NA |
| 8/5/2019 | 14.2 | 0.37 | 13.7 | 14.7 | 72.1 | 52.1 | NA | NA | NA | NA | NA | NA |
| 8/6/2019 | 14.5 | 0.42 | 13.9 | 15.1 | 86.5 | 62.5 | NA | NA | NA | NA | NA | NA |
| 8/7/2019 | 15.1 | 0.58 | 14.3 | 16.3 | 101.6 | 73.6 | NA | NA | NA | NA | NA | NA |
| 8/8/2019 | 16.3 | 0.69 | 15.2 | 17.5 | 117.9 | 85.9 | NA | NA | NA | NA | NA | NA |
| 8/9/2019 | 18.3 | 0.32 | 17.6 | 18.6 | 136.2 | 100.2 | NA | NA | NA | NA | NA | NA |
| 8/10/2019 | 18.2 | 0.85 | 16.6 | 18.9 | 154.4 | 114.4 | NA | NA | NA | NA | NA | NA |
| 8/11/2019 | 18.0 | 1.26 | 15.7 | 19.2 | 172.4 | 128.4 | NA | NA | NA | NA | NA | NA |
| 8/12/2019 | 15.8 | 0.41 | 14.9 | 16.2 | 188.2 | 140.2 | NA | NA | NA | NA | NA | NA |
| 8/13/2019 | 15.4 | 0.36 | 14.9 | 16.1 | 203.6 | 151.6 | NA | NA | NA | NA | NA | NA |
| 8/14/2019 | 15.2 | 0.24 | 14.7 | 15.6 | 218.8 | 162.8 | NA | NA | NA | NA | NA | NA |
| 8/15/2019 | 15.5 | 0.52 | 14.9 | 16.8 | 234.3 | 174.3 | NA | NA | NA | NA | NA | NA |
| 8/16/2019 | 16.1 | 0.88 | 14.8 | 17.6 | 250.3 | 186.3 | NA | NA | NA | NA | NA | NA |
| 8/17/2019 | 17.4 | 0.68 | 16.5 | 18.4 | 267.7 | 199.7 | NA | NA | NA | NA | NA | NA |
| 8/18/2019 | 18.3 | 0.60 | 17.1 | 18.9 | 285.9 | 213.9 | NA | NA | NA | NA | NA | NA |
| 8/19/2019 | 17.8 | 0.86 | 16.4 | 19.0 | 303.7 | 227.7 | NA | NA | NA | NA | NA | NA |
| 8/20/2019 | 16.7 | 0.73 | 15.9 | 18.3 | 320.5 | 240.5 | NA | NA | NA | NA | NA | NA |
| 8/21/2019 | 16.0 | 0.81 | 15.0 | 17.9 | 336.5 | 252.5 | NA | NA | NA | NA | NA | NA |
| 8/22/2019 | 15.7 | 0.42 | 15.2 | 16.5 | 352.1 | 264.1 | NA | NA | NA | NA | NA | NA |
| 8/23/2019 | 15.3 | 0.37 | 14.8 | 16.0 | 367.5 | 275.5 | NA | NA | NA | NA | NA | NA |
| 8/24/2019 | 14.9 | 0.62 | 14.3 | 16.3 | 382.4 | 286.4 | NA | NA | NA | NA | NA | NA |
| 8/25/2019 | 14.8 | 0.60 | 14.0 | 16.1 | 397.2 | 297.2 | NA | NA | NA | NA | NA | NA |
| 8/26/2019 | 17.2 | 1.06 | 14.9 | 18.9 | 414.4 | 310.4 | NA | NA | NA | NA | NA | NA |
| 8/27/2019 | 17.4 | 1.46 | 15.1 | 18.6 | 431.7 | 323.7 | NA | NA | NA | NA | NA | NA |
| 8/28/2019 | 15.3 | 0.61 | 14.2 | 16.2 | 447.0 | 335.0 | NA | NA | NA | NA | NA | NA |
| 8/29/2019 | 16.4 | 1.10 | 14.7 | 18.2 | 463.4 | 347.4 | NA | NA | NA | NA | NA | NA |
| 8/30/2019 | 17.6 | 0.74 | 16.1 | 18.4 | 481.0 | 361.0 | NA | NA | NA | NA | NA | NA |
| 8/31/2019 | 18.1 | 0.63 | 16.8 | 18.6 | 499.0 | 375.0 | NA | NA | NA | NA | NA | NA |

September

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/1/2019 | 17.6 | 0.44 | 16.8 | 18.2 | 17.6 | 13.6 | NA | NA | NA | NA | NA | NA |
| 9/2/2019 | 17.9 | 0.51 | 17.0 | 18.5 | 35.5 | 27.5 | NA | NA | NA | NA | NA | NA |
| 9/3/2019 | 17.9 | 0.47 | 17.1 | 18.4 | 53.3 | 41.3 | NA | NA | NA | NA | NA | NA |
| 9/4/2019 | 17.9 | 0.44 | 17.2 | 18.5 | 71.2 | 55.2 | NA | NA | NA | NA | NA | NA |
| 9/5/2019 | 17.9 | 0.64 | 17.1 | 18.7 | 89.1 | 69.1 | NA | NA | NA | NA | NA | NA |
| 9/6/2019 | 16.9 | 0.43 | 16.5 | 17.8 | 106.0 | 82.0 | NA | NA | NA | NA | NA | NA |
| 9/7/2019 | 17.1 | 0.36 | 16.8 | 17.8 | 123.1 | 95.1 | NA | NA | NA | NA | NA | NA |
| 9/8/2019 | 17.5 | 0.33 | 16.7 | 18.0 | 140.6 | 108.6 | NA | NA | NA | NA | NA | NA |
| 9/9/2019 | 17.3 | 0.04 | 17.2 | 17.4 | 158.0 | 122.0 | NA | NA | NA | NA | NA | NA |
| 9/10/2019 | 17.3 | 0.02 | 17.2 | 17.3 | 175.2 | 135.2 | NA | NA | NA | NA | NA | NA |
| 9/11/2019 | 17.2 | 0.06 | 17.1 | 17.3 | 192.4 | 148.4 | NA | NA | NA | NA | NA | NA |
| 9/12/2019 | 17.0 | 0.06 | 17.0 | 17.1 | 209.4 | 161.4 | NA | NA | NA | NA | NA | NA |
| 9/13/2019 | 16.9 | 0.04 | 16.9 | 17.0 | 226.3 | 174.3 | NA | NA | NA | NA | NA | NA |
| 9/14/2019 | 16.8 | 0.06 | 16.7 | 16.9 | 243.1 | 187.1 | NA | NA | NA | NA | NA | NA |
| 9/15/2019 | 16.5 | 0.10 | 16.4 | 16.7 | 259.6 | 199.6 | NA | NA | NA | NA | NA | NA |
| 9/16/2019 | 16.6 | 0.09 | 16.5 | 16.8 | 276.3 | 212.3 | NA | NA | NA | NA | NA | NA |
| 9/17/2019 | 16.4 | 0.23 | 16.0 | 16.7 | 292.6 | 224.6 | NA | NA | NA | NA | NA | NA |
| 9/18/2019 | 15.9 | 0.30 | 15.4 | 16.4 | 308.5 | 236.5 | NA | NA | NA | NA | NA | NA |
| 9/19/2019 | 15.8 | 0.22 | 15.3 | 16.1 | 324.3 | 248.3 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/20/2019 | 15.5 | 0.31 | 15.1 | 16.0 | 339.8 | 259.8 | NA | NA | NA | NA | NA | NA |
| 9/21/2019 | 15.3 | 0.10 | 15.1 | 15.5 | 355.0 | 271.0 | NA | NA | NA | NA | NA | NA |
| 9/22/2019 | 15.4 | 0.26 | 15.1 | 16.0 | 370.4 | 282.4 | NA | NA | NA | NA | NA | NA |
| 9/23/2019 | 15.4 | 0.55 | 14.9 | 16.5 | 385.8 | 293.8 | NA | NA | NA | NA | NA | NA |
| 9/24/2019 | 15.1 | 0.12 | 14.9 | 15.4 | 400.9 | 304.9 | NA | NA | NA | NA | NA | NA |
| 9/25/2019 | 15.3 | 0.27 | 14.9 | 15.8 | 416.2 | 316.2 | NA | NA | NA | NA | NA | NA |
| 9/26/2019 | 15.1 | 0.09 | 15.0 | 15.3 | 431.3 | 327.3 | NA | NA | NA | NA | NA | NA |
| 9/27/2019 | 15.7 | 0.29 | 15.2 | 16.1 | 446.9 | 338.9 | NA | NA | NA | NA | NA | NA |
| 9/28/2019 | 15.5 | 0.19 | 15.2 | 15.8 | 462.4 | 350.4 | NA | NA | NA | NA | NA | NA |
| 9/29/2019 | 15.6 | 0.24 | 15.3 | 16.1 | 478.1 | 362.1 | NA | NA | NA | NA | NA | NA |
| 9/30/2019 | 15.5 | 0.10 | 15.4 | 15.7 | 493.6 | 373.6 | NA | NA | NA | NA | NA | NA |

October

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/1/2019 | 15.4 | 0.07 | 15.3 | 15.5 | 15.4 | 11.4 | NA | NA | NA | NA | NA | NA |
| 10/2/2019 | 15.3 | 0.08 | 15.1 | 15.4 | 30.7 | 22.7 | NA | NA | NA | NA | NA | NA |
| 10/3/2019 | 15.0 | 0.09 | 14.8 | 15.1 | 45.7 | 33.7 | NA | NA | NA | NA | NA | NA |
| 10/4/2019 | 14.7 | 0.11 | 14.5 | 14.8 | 60.4 | 44.4 | NA | NA | NA | NA | NA | NA |
| 10/5/2019 | 14.3 | 0.11 | 14.1 | 14.4 | 74.6 | 54.6 | NA | NA | NA | NA | NA | NA |
| 10/6/2019 | 14.1 | 0.09 | 13.9 | 14.2 | 88.7 | 64.7 | NA | NA | NA | NA | NA | NA |
| 10/7/2019 | 13.9 | 0.27 | 13.3 | 14.2 | 102.6 | 74.6 | NA | NA | NA | NA | NA | NA |
| 10/8/2019 | 13.9 | 0.21 | 13.5 | 14.2 | 116.5 | 84.5 | NA | NA | NA | NA | NA | NA |
| 10/9/2019 | 14.0 | 0.09 | 13.9 | 14.1 | 130.5 | 94.5 | NA | NA | NA | NA | NA | NA |
| 10/10/2019 | 14.1 | 0.08 | 14.0 | 14.3 | 144.6 | 104.6 | NA | NA | NA | NA | NA | NA |
| 10/11/2019 | 13.8 | 0.12 | 13.6 | 14.0 | 158.4 | 114.4 | NA | NA | NA | NA | NA | NA |
| 10/12/2019 | 13.9 | 0.20 | 13.6 | 14.2 | 172.3 | 124.3 | NA | NA | NA | NA | NA | NA |
| 10/13/2019 | 13.8 | 0.11 | 13.6 | 13.9 | 186.1 | 134.1 | NA | NA | NA | NA | NA | NA |
| 10/14/2019 | 13.7 | 0.09 | 13.6 | 13.8 | 199.8 | 143.8 | NA | NA | NA | NA | NA | NA |
| 10/15/2019 | 13.6 | 0.11 | 13.4 | 13.8 | 213.3 | 153.3 | NA | NA | NA | NA | NA | NA |
| 10/16/2019 | 13.5 | 0.08 | 13.3 | 13.6 | 226.8 | 162.8 | NA | NA | NA | NA | NA | NA |
| 10/17/2019 | 13.3 | 0.11 | 13.1 | 13.4 | 240.1 | 172.1 | NA | NA | NA | NA | NA | NA |
| 10/18/2019 | 13.1 | 0.08 | 13.0 | 13.2 | 253.2 | 181.2 | NA | NA | NA | NA | NA | NA |
| 10/19/2019 | 13.1 | 0.05 | 13.0 | 13.2 | 266.3 | 190.3 | NA | NA | NA | NA | NA | NA |
| 10/20/2019 | 12.8 | 0.07 | 12.7 | 13.0 | 279.1 | 199.1 | NA | NA | NA | NA | NA | NA |
| 10/21/2019 | 12.8 | 0.05 | 12.7 | 12.8 | 291.9 | 207.9 | NA | NA | NA | NA | NA | NA |
| 10/22/2019 | 12.7 | 0.06 | 12.6 | 12.8 | 304.6 | 216.6 | NA | NA | NA | NA | NA | NA |
| 10/23/2019 | 12.4 | 0.14 | 12.2 | 12.6 | 317.0 | 225.0 | NA | NA | NA | NA | NA | NA |
| 10/24/2019 | 12.4 | 0.06 | 12.3 | 12.5 | 329.5 | 233.5 | NA | NA | NA | NA | NA | NA |
| 10/25/2019 | 12.3 | 0.10 | 12.1 | 12.4 | 341.8 | 241.8 | NA | NA | NA | NA | NA | NA |
| 10/26/2019 | 12.1 | 0.09 | 12.0 | 12.3 | 353.8 | 249.8 | NA | NA | NA | NA | NA | NA |
| 10/27/2019 | 11.9 | 0.07 | 11.8 | 12.0 | 365.7 | 257.7 | NA | NA | NA | NA | NA | NA |
| 10/28/2019 | 11.7 | 0.06 | 11.6 | 11.9 | 377.4 | 265.4 | NA | NA | NA | NA | NA | NA |
| 10/29/2019 | 11.6 | 0.05 | 11.5 | 11.7 | 389.0 | 273.0 | NA | NA | NA | NA | NA | NA |
| 10/30/2019 | 11.6 | 0.05 | 11.4 | 11.6 | 400.6 | 280.6 | NA | NA | NA | NA | NA | NA |
| 10/31/2019 | 11.6 | 0.06 | 11.5 | 11.7 | 412.2 | 288.2 | NA | NA | NA | NA | NA | NA |

November

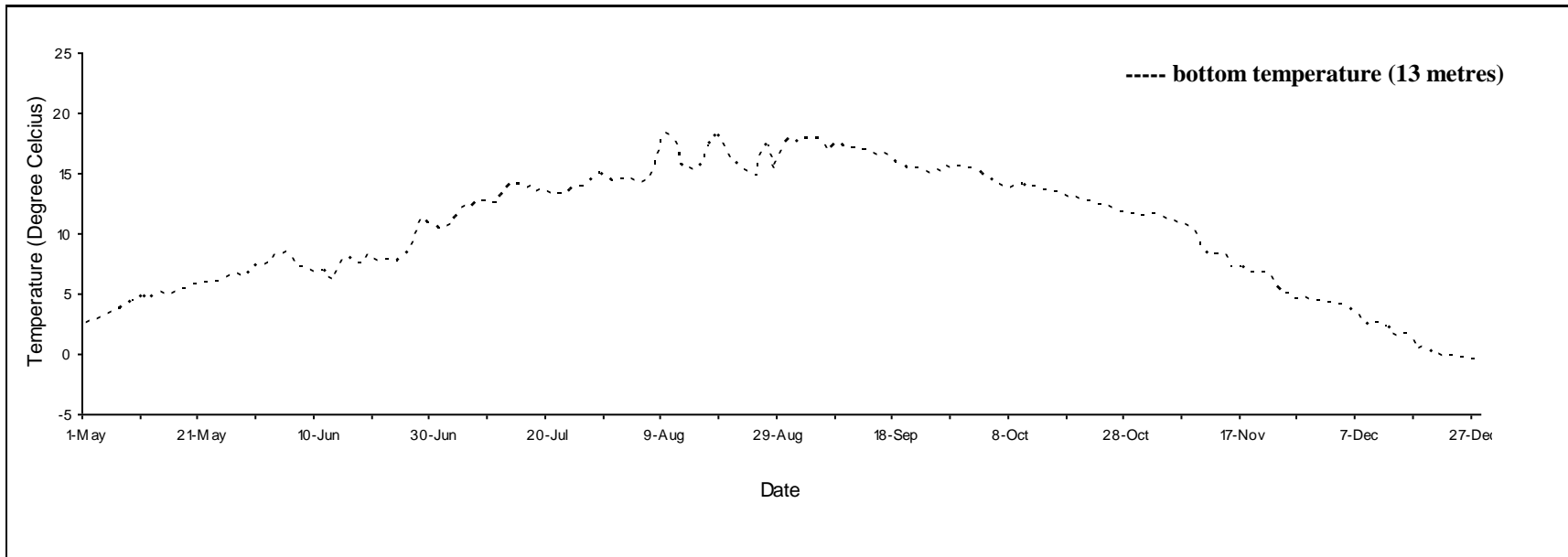
| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 11/1/2019 | 11.7 | 0.09 | 11.5 | 11.8 | 11.7 | 7.7 | NA | NA | NA | NA | NA | NA |
| 11/2/2019 | 11.6 | 0.08 | 11.5 | 11.7 | 23.3 | 15.3 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 11/3/2019 | 11.3 | 0.13 | 11.1 | 11.5 | 34.6 | 22.6 | NA | NA | NA | NA | NA | NA |
| 11/4/2019 | 11.3 | 0.12 | 11.1 | 11.4 | 45.9 | 29.9 | NA | NA | NA | NA | NA | NA |
| 11/5/2019 | 11.2 | 0.14 | 10.9 | 11.3 | 57.0 | 37.0 | NA | NA | NA | NA | NA | NA |
| 11/6/2019 | 10.9 | 0.10 | 10.8 | 11.1 | 68.0 | 44.0 | NA | NA | NA | NA | NA | NA |
| 11/7/2019 | 10.7 | 0.10 | 10.6 | 10.9 | 78.7 | 50.7 | NA | NA | NA | NA | NA | NA |
| 11/8/2019 | 10.6 | 0.04 | 10.5 | 10.6 | 89.2 | 57.2 | NA | NA | NA | NA | NA | NA |
| 11/9/2019 | 10.0 | 0.25 | 9.7 | 10.4 | 99.3 | 63.3 | NA | NA | NA | NA | NA | NA |
| 11/10/2019 | 8.8 | 0.38 | 8.3 | 9.6 | 108.1 | 68.1 | NA | NA | NA | NA | NA | NA |
| 11/11/2019 | 8.3 | 0.26 | 7.9 | 8.6 | 116.4 | 72.4 | NA | NA | NA | NA | NA | NA |
| 11/12/2019 | 8.3 | 0.38 | 7.8 | 8.7 | 124.7 | 76.7 | NA | NA | NA | NA | NA | NA |
| 11/13/2019 | 8.3 | 0.19 | 8.1 | 8.6 | 133.0 | 81.0 | NA | NA | NA | NA | NA | NA |
| 11/14/2019 | 8.4 | 0.13 | 8.2 | 8.6 | 141.4 | 85.4 | NA | NA | NA | NA | NA | NA |
| 11/15/2019 | 7.3 | 0.20 | 7.1 | 7.8 | 148.7 | 88.7 | NA | NA | NA | NA | NA | NA |
| 11/16/2019 | 7.4 | 0.25 | 7.0 | 7.7 | 156.1 | 92.1 | NA | NA | NA | NA | NA | NA |
| 11/17/2019 | 7.2 | 0.14 | 7.0 | 7.4 | 163.3 | 95.3 | NA | NA | NA | NA | NA | NA |
| 11/18/2019 | 7.0 | 0.24 | 6.5 | 7.3 | 170.3 | 98.3 | NA | NA | NA | NA | NA | NA |
| 11/19/2019 | 6.9 | 0.06 | 6.8 | 7.0 | 177.1 | 101.1 | NA | NA | NA | NA | NA | NA |
| 11/20/2019 | 6.9 | 0.08 | 6.8 | 7.0 | 184.0 | 104.0 | NA | NA | NA | NA | NA | NA |
| 11/21/2019 | 6.8 | 0.08 | 6.6 | 6.8 | 190.8 | 106.8 | NA | NA | NA | NA | NA | NA |
| 11/22/2019 | 6.6 | 0.08 | 6.5 | 6.7 | 197.4 | 109.4 | NA | NA | NA | NA | NA | NA |
| 11/23/2019 | 5.6 | 0.88 | 4.6 | 6.5 | 202.9 | 110.9 | NA | NA | NA | NA | NA | NA |
| 11/24/2019 | 5.1 | 0.30 | 4.8 | 5.7 | 208.0 | 112.0 | NA | NA | NA | NA | NA | NA |
| 11/25/2019 | 4.9 | 0.25 | 4.6 | 5.3 | 212.9 | 112.9 | NA | NA | NA | NA | NA | NA |
| 11/26/2019 | 4.5 | 0.27 | 4.2 | 5.0 | 217.4 | 113.4 | NA | NA | NA | NA | NA | NA |
| 11/27/2019 | 4.5 | 0.28 | 3.9 | 4.9 | 221.9 | 113.9 | NA | NA | NA | NA | NA | NA |
| 11/28/2019 | 4.7 | 0.15 | 4.4 | 4.9 | 226.6 | 114.6 | NA | NA | NA | NA | NA | NA |
| 11/29/2019 | 4.6 | 0.19 | 4.3 | 4.8 | 231.2 | 115.2 | NA | NA | NA | NA | NA | NA |
| 11/30/2019 | 4.3 | 0.41 | 3.7 | 4.9 | 235.5 | 115.5 | NA | NA | NA | NA | NA | NA |

December

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 12/1/2019 | 4.3 | 0.23 | 4.0 | 4.6 | 4.3 | 0.3 | NA | NA | NA | NA | NA | NA |
| 12/2/2019 | 4.3 | 0.31 | 3.9 | 4.7 | 8.6 | 0.6 | NA | NA | NA | NA | NA | NA |
| 12/3/2019 | 4.1 | 0.21 | 3.7 | 4.3 | 12.7 | 0.7 | NA | NA | NA | NA | NA | NA |
| 12/4/2019 | 4.1 | 0.12 | 3.9 | 4.3 | 16.8 | 0.8 | NA | NA | NA | NA | NA | NA |
| 12/5/2019 | 3.9 | 0.14 | 3.7 | 4.1 | 20.8 | 0.8 | NA | NA | NA | NA | NA | NA |
| 12/6/2019 | 3.4 | 0.27 | 3.0 | 3.8 | 24.2 | 0.8 | NA | NA | NA | NA | NA | NA |
| 12/7/2019 | 3.3 | 0.08 | 3.1 | 3.4 | 27.5 | 0.8 | NA | NA | NA | NA | NA | NA |
| 12/8/2019 | 2.8 | 0.29 | 2.3 | 3.2 | 30.3 | 0.8 | NA | NA | NA | NA | NA | NA |
| 12/9/2019 | 2.3 | 0.08 | 2.2 | 2.5 | 32.6 | 0.8 | NA | NA | NA | NA | NA | NA |
| 12/10/2019 | 2.6 | 0.22 | 2.3 | 3.0 | 35.2 | 0.8 | NA | NA | NA | NA | NA | NA |
| 12/11/2019 | 2.6 | 0.13 | 2.4 | 2.8 | 37.8 | 0.8 | NA | NA | NA | NA | NA | NA |
| 12/12/2019 | 2.3 | 0.27 | 1.9 | 2.7 | 40.1 | 0.8 | NA | NA | NA | NA | NA | NA |
| 12/13/2019 | 1.7 | 0.16 | 1.4 | 2.0 | 41.9 | 0.8 | NA | NA | NA | NA | NA | NA |
| 12/14/2019 | 1.5 | 0.13 | 1.3 | 1.7 | 43.4 | 0.8 | NA | NA | NA | NA | NA | NA |
| 12/15/2019 | 1.6 | 0.13 | 1.4 | 1.8 | 45.0 | 0.8 | NA | NA | NA | NA | NA | NA |
| 12/16/2019 | 1.6 | 0.18 | 1.3 | 1.9 | 46.6 | 0.8 | NA | NA | NA | NA | NA | NA |
| 12/17/2019 | 0.5 | 0.11 | 0.4 | 0.8 | 47.1 | 0.8 | NA | NA | NA | NA | NA | NA |
| 12/18/2019 | 0.6 | 0.07 | 0.5 | 0.7 | 47.7 | 0.8 | NA | NA | NA | NA | NA | NA |
| 12/19/2019 | 0.5 | 0.11 | 0.3 | 0.7 | 48.2 | 0.8 | NA | NA | NA | NA | NA | NA |
| 12/20/2019 | 0.1 | 0.17 | -0.1 | 0.3 | 48.2 | 0.8 | NA | NA | NA | NA | NA | NA |
| 12/21/2019 | -0.1 | 0.13 | -0.3 | 0.2 | 48.2 | 0.8 | NA | NA | NA | NA | NA | NA |
| 12/22/2019 | -0.2 | 0.09 | -0.3 | 0.1 | 48.2 | 0.8 | NA | NA | NA | NA | NA | NA |
| 12/23/2019 | -0.1 | 0.10 | -0.3 | 0.1 | 48.2 | 0.8 | NA | NA | NA | NA | NA | NA |
| 12/24/2019 | -0.2 | 0.09 | -0.3 | -0.1 | 48.2 | 0.8 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 12/25/2019 | -0.2 | 0.06 | -0.4 | -0.2 | 48.2 | 0.8 | NA | NA | NA | NA | NA | NA |
| 12/26/2019 | -0.3 | 0.11 | -0.5 | -0.2 | 48.2 | 0.8 | NA | NA | NA | NA | NA | NA |
| 12/27/2019 | -0.4 | 0.21 | -0.8 | 0.0 | 48.2 | 0.8 | NA | NA | NA | NA | NA | NA |
| 12/28/2019 | -0.5 | 0.22 | -0.9 | -0.1 | 48.2 | 0.8 | NA | NA | NA | NA | NA | NA |



Daily mean temperature for Prim Reef, P.E.I., 2019.

Pugwash, N.S.

2019

May

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 5/11/2019 | 5.5 | 0.53 | 5.2 | 7.0 | 5.5 | 1.5 | NA | NA | NA | NA | NA | NA |
| 5/12/2019 | 6.1 | 0.47 | 5.2 | 6.6 | 11.6 | 3.6 | NA | NA | NA | NA | NA | NA |
| 5/13/2019 | 6.2 | 0.17 | 6.1 | 6.7 | 17.9 | 5.9 | NA | NA | NA | NA | NA | NA |
| 5/14/2019 | 6.4 | 0.24 | 6.2 | 6.9 | 24.3 | 8.3 | NA | NA | NA | NA | NA | NA |
| 5/15/2019 | 5.9 | 0.16 | 5.8 | 6.2 | 30.2 | 10.2 | NA | NA | NA | NA | NA | NA |
| 5/16/2019 | 6.4 | 0.27 | 6.0 | 6.9 | 36.7 | 12.7 | NA | NA | NA | NA | NA | NA |
| 5/17/2019 | 6.8 | 0.03 | 6.8 | 6.8 | 43.5 | 15.5 | NA | NA | NA | NA | NA | NA |
| 5/18/2019 | 7.0 | 0.23 | 6.6 | 7.3 | 50.5 | 18.5 | NA | NA | NA | NA | NA | NA |
| 5/19/2019 | 7.2 | 0.04 | 7.2 | 7.3 | 57.7 | 21.7 | NA | NA | NA | NA | NA | NA |
| 5/20/2019 | 7.3 | 0.11 | 7.1 | 7.4 | 64.9 | 24.9 | NA | NA | NA | NA | NA | NA |
| 5/21/2019 | 6.9 | 0.19 | 6.7 | 7.3 | 71.8 | 27.8 | NA | NA | NA | NA | NA | NA |
| 5/22/2019 | 7.5 | 0.25 | 7.1 | 7.8 | 79.3 | 31.3 | NA | NA | NA | NA | NA | NA |
| 5/23/2019 | 7.6 | 0.05 | 7.5 | 7.7 | 86.9 | 34.9 | NA | NA | NA | NA | NA | NA |
| 5/24/2019 | 7.0 | 0.07 | 6.9 | 7.1 | 93.9 | 37.9 | NA | NA | NA | NA | NA | NA |
| 5/25/2019 | 7.1 | 0.05 | 7.0 | 7.2 | 101.0 | 41.0 | NA | NA | NA | NA | NA | NA |
| 5/26/2019 | 7.2 | 0.02 | 7.2 | 7.2 | 108.2 | 44.2 | NA | NA | NA | NA | NA | NA |
| 5/27/2019 | 6.9 | 0.09 | 6.9 | 7.2 | 115.1 | 47.1 | NA | NA | NA | NA | NA | NA |
| 5/28/2019 | 7.0 | 0.14 | 6.9 | 7.2 | 122.2 | 50.2 | NA | NA | NA | NA | NA | NA |
| 5/29/2019 | 7.1 | 0.04 | 7.1 | 7.2 | 129.3 | 53.3 | NA | NA | NA | NA | NA | NA |
| 5/30/2019 | 7.1 | 0.02 | 7.1 | 7.2 | 136.4 | 56.4 | NA | NA | NA | NA | NA | NA |
| 5/31/2019 | 6.7 | 0.31 | 6.2 | 7.1 | 143.1 | 59.1 | NA | NA | NA | NA | NA | NA |

June

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/1/2019 | 6.4 | 0.15 | 6.3 | 6.8 | 6.4 | 2.4 | NA | NA | NA | NA | NA | NA |
| 6/2/2019 | 6.7 | 0.22 | 6.3 | 7.1 | 13.0 | 5.0 | NA | NA | NA | NA | NA | NA |
| 6/3/2019 | 7.1 | 0.28 | 6.7 | 7.5 | 20.1 | 8.1 | NA | NA | NA | NA | NA | NA |
| 6/4/2019 | 6.9 | 0.06 | 6.8 | 7.0 | 26.9 | 10.9 | NA | NA | NA | NA | NA | NA |
| 6/5/2019 | 6.6 | 0.04 | 6.5 | 6.7 | 33.5 | 13.5 | NA | NA | NA | NA | NA | NA |
| 6/6/2019 | 6.6 | 0.10 | 6.5 | 6.8 | 40.1 | 16.1 | NA | NA | NA | NA | NA | NA |
| 6/7/2019 | 6.8 | 0.21 | 6.6 | 7.2 | 46.8 | 18.8 | NA | NA | NA | NA | NA | NA |
| 6/8/2019 | 7.4 | 0.42 | 6.9 | 8.0 | 54.3 | 22.3 | NA | NA | NA | NA | NA | NA |
| 6/9/2019 | 7.9 | 0.18 | 7.7 | 8.4 | 62.2 | 26.2 | NA | NA | NA | NA | NA | NA |
| 6/10/2019 | 8.1 | 0.09 | 8.0 | 8.3 | 70.3 | 30.3 | NA | NA | NA | NA | NA | NA |
| 6/11/2019 | 8.2 | 0.12 | 8.1 | 8.5 | 78.6 | 34.6 | NA | NA | NA | NA | NA | NA |
| 6/12/2019 | 9.4 | 1.19 | 7.9 | 11.2 | 88.0 | 40.0 | NA | NA | NA | NA | NA | NA |
| 6/13/2019 | 10.3 | 0.31 | 9.9 | 11.0 | 98.2 | 46.2 | NA | NA | NA | NA | NA | NA |
| 6/14/2019 | 10.5 | 0.17 | 10.2 | 10.7 | 108.7 | 52.7 | NA | NA | NA | NA | NA | NA |
| 6/15/2019 | 10.8 | 0.15 | 10.6 | 11.0 | 119.5 | 59.5 | NA | NA | NA | NA | NA | NA |
| 6/16/2019 | 10.5 | 0.20 | 10.0 | 10.7 | 130.1 | 66.1 | NA | NA | NA | NA | NA | NA |
| 6/17/2019 | 10.2 | 0.26 | 9.8 | 10.7 | 140.3 | 72.3 | NA | NA | NA | NA | NA | NA |
| 6/18/2019 | 10.9 | 0.47 | 10.1 | 11.5 | 151.1 | 79.1 | NA | NA | NA | NA | NA | NA |
| 6/19/2019 | 11.2 | 0.15 | 10.9 | 11.4 | 162.3 | 86.3 | NA | NA | NA | NA | NA | NA |
| 6/20/2019 | 11.1 | 0.16 | 10.8 | 11.3 | 173.4 | 93.4 | NA | NA | NA | NA | NA | NA |
| 6/21/2019 | 11.2 | 0.50 | 10.5 | 12.2 | 184.5 | 100.5 | NA | NA | NA | NA | NA | NA |
| 6/22/2019 | 14.1 | 0.34 | 13.1 | 14.4 | 198.6 | 110.6 | NA | NA | NA | NA | NA | NA |
| 6/23/2019 | 13.4 | 0.40 | 13.1 | 14.3 | 212.1 | 120.1 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/24/2019 | 13.6 | 0.37 | 13.3 | 14.4 | 225.7 | 129.7 | NA | NA | NA | NA | NA | NA |
| 6/25/2019 | 13.9 | 0.09 | 13.8 | 14.1 | 239.6 | 139.6 | NA | NA | NA | NA | NA | NA |
| 6/26/2019 | 13.8 | 0.18 | 13.6 | 14.2 | 253.3 | 149.3 | NA | NA | NA | NA | NA | NA |
| 6/27/2019 | 13.3 | 0.16 | 13.0 | 13.5 | 266.7 | 158.7 | NA | NA | NA | NA | NA | NA |
| 6/28/2019 | 11.7 | 1.27 | 9.9 | 13.1 | 278.4 | 166.4 | NA | NA | NA | NA | NA | NA |
| 6/29/2019 | 10.3 | 1.01 | 9.5 | 12.4 | 288.7 | 172.7 | NA | NA | NA | NA | NA | NA |
| 6/30/2019 | 12.1 | 1.04 | 10.1 | 13.2 | 300.9 | 180.9 | NA | NA | NA | NA | NA | NA |

July

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/1/2019 | 14.2 | 1.08 | 12.4 | 15.3 | 14.2 | 10.2 | NA | NA | NA | NA | NA | NA |
| 7/2/2019 | 15.1 | 0.08 | 15.0 | 15.2 | 29.3 | 21.3 | NA | NA | NA | NA | NA | NA |
| 7/3/2019 | 15.1 | 0.07 | 15.0 | 15.3 | 44.4 | 32.4 | NA | NA | NA | NA | NA | NA |
| 7/4/2019 | 14.8 | 0.07 | 14.6 | 14.9 | 59.2 | 43.2 | NA | NA | NA | NA | NA | NA |
| 7/5/2019 | 13.9 | 0.36 | 13.5 | 14.6 | 73.1 | 53.1 | NA | NA | NA | NA | NA | NA |
| 7/6/2019 | 12.0 | 0.93 | 10.9 | 13.3 | 85.1 | 61.1 | NA | NA | NA | NA | NA | NA |
| 7/7/2019 | 10.7 | 0.82 | 9.7 | 12.6 | 95.8 | 67.8 | NA | NA | NA | NA | NA | NA |
| 7/8/2019 | 12.1 | 0.63 | 11.3 | 13.1 | 107.9 | 75.9 | NA | NA | NA | NA | NA | NA |
| 7/9/2019 | 13.2 | 0.76 | 12.6 | 15.4 | 121.2 | 85.2 | NA | NA | NA | NA | NA | NA |
| 7/10/2019 | 14.6 | 0.60 | 13.7 | 15.3 | 135.7 | 95.7 | NA | NA | NA | NA | NA | NA |
| 7/11/2019 | 15.5 | 0.12 | 15.3 | 15.6 | 151.2 | 107.2 | NA | NA | NA | NA | NA | NA |
| 7/12/2019 | 14.3 | 1.40 | 11.8 | 15.7 | 165.6 | 117.6 | NA | NA | NA | NA | NA | NA |
| 7/13/2019 | 11.0 | 0.76 | 10.1 | 12.1 | 176.5 | 124.5 | NA | NA | NA | NA | NA | NA |
| 7/14/2019 | 9.7 | 0.18 | 9.4 | 10.0 | 186.2 | 130.2 | NA | NA | NA | NA | NA | NA |
| 7/15/2019 | 9.8 | 0.37 | 9.4 | 10.4 | 196.0 | 136.0 | NA | NA | NA | NA | NA | NA |
| 7/16/2019 | 11.5 | 0.57 | 10.2 | 12.1 | 207.5 | 143.5 | NA | NA | NA | NA | NA | NA |
| 7/17/2019 | 12.6 | 0.30 | 11.9 | 12.9 | 220.1 | 152.1 | NA | NA | NA | NA | NA | NA |
| 7/18/2019 | 13.3 | 0.66 | 12.2 | 14.1 | 233.3 | 161.3 | NA | NA | NA | NA | NA | NA |
| 7/19/2019 | 14.1 | 0.30 | 13.6 | 14.7 | 247.5 | 171.5 | NA | NA | NA | NA | NA | NA |
| 7/20/2019 | 14.2 | 0.13 | 13.9 | 14.3 | 261.6 | 181.6 | NA | NA | NA | NA | NA | NA |
| 7/21/2019 | 14.0 | 0.22 | 13.8 | 14.5 | 275.6 | 191.6 | NA | NA | NA | NA | NA | NA |
| 7/22/2019 | 14.3 | 0.22 | 14.1 | 14.8 | 290.0 | 202.0 | NA | NA | NA | NA | NA | NA |
| 7/23/2019 | 14.7 | 0.17 | 14.4 | 14.8 | 304.7 | 212.7 | NA | NA | NA | NA | NA | NA |
| 7/24/2019 | 14.9 | 0.04 | 14.8 | 14.9 | 319.5 | 223.5 | NA | NA | NA | NA | NA | NA |
| 7/25/2019 | 15.4 | 0.48 | 14.9 | 16.2 | 335.0 | 235.0 | NA | NA | NA | NA | NA | NA |
| 7/26/2019 | 15.9 | 0.28 | 15.5 | 16.3 | 350.9 | 246.9 | NA | NA | NA | NA | NA | NA |
| 7/27/2019 | 15.9 | 0.13 | 15.8 | 16.1 | 366.8 | 258.8 | NA | NA | NA | NA | NA | NA |
| 7/28/2019 | 15.0 | 0.95 | 13.6 | 16.0 | 381.8 | 269.8 | NA | NA | NA | NA | NA | NA |
| 7/29/2019 | 12.6 | 0.60 | 12.0 | 13.6 | 394.4 | 278.4 | NA | NA | NA | NA | NA | NA |
| 7/30/2019 | 12.2 | 0.03 | 12.1 | 12.2 | 406.6 | 286.6 | NA | NA | NA | NA | NA | NA |
| 7/31/2019 | 12.4 | 0.09 | 12.2 | 12.5 | 418.9 | 294.9 | NA | NA | NA | NA | NA | NA |

August

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/1/2019 | 12.9 | 0.28 | 12.5 | 13.5 | 12.9 | 8.9 | NA | NA | NA | NA | NA | NA |
| 8/2/2019 | 13.7 | 0.53 | 12.9 | 14.5 | 26.5 | 18.5 | NA | NA | NA | NA | NA | NA |
| 8/3/2019 | 13.6 | 0.10 | 13.5 | 13.8 | 40.2 | 28.2 | NA | NA | NA | NA | NA | NA |
| 8/4/2019 | 13.2 | 0.11 | 13.1 | 13.5 | 53.4 | 37.4 | NA | NA | NA | NA | NA | NA |
| 8/5/2019 | 13.5 | 0.22 | 13.2 | 13.8 | 66.9 | 46.9 | NA | NA | NA | NA | NA | NA |
| 8/6/2019 | 14.2 | 0.19 | 13.9 | 14.5 | 81.0 | 57.0 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/7/2019 | 14.4 | 0.06 | 14.3 | 14.5 | 95.4 | 67.4 | NA | NA | NA | NA | NA | NA |
| 8/8/2019 | 14.2 | 0.15 | 13.9 | 14.5 | 109.6 | 77.6 | NA | NA | NA | NA | NA | NA |
| 8/9/2019 | 13.4 | 0.23 | 13.1 | 14.0 | 123.0 | 87.0 | NA | NA | NA | NA | NA | NA |
| 8/10/2019 | 13.1 | 0.04 | 13.0 | 13.2 | 136.1 | 96.1 | NA | NA | NA | NA | NA | NA |
| 8/11/2019 | 13.3 | 0.10 | 13.1 | 13.4 | 149.4 | 105.4 | NA | NA | NA | NA | NA | NA |
| 8/12/2019 | 13.4 | 0.06 | 13.3 | 13.4 | 162.7 | 114.7 | NA | NA | NA | NA | NA | NA |
| 8/13/2019 | 13.4 | 0.04 | 13.3 | 13.5 | 176.2 | 124.2 | NA | NA | NA | NA | NA | NA |
| 8/14/2019 | 13.8 | 0.13 | 13.6 | 14.0 | 189.9 | 133.9 | NA | NA | NA | NA | NA | NA |
| 8/15/2019 | 14.7 | 0.25 | 14.1 | 15.0 | 204.6 | 144.6 | NA | NA | NA | NA | NA | NA |
| 8/16/2019 | 15.3 | 0.15 | 15.0 | 15.5 | 219.9 | 155.9 | NA | NA | NA | NA | NA | NA |
| 8/17/2019 | 15.5 | 0.17 | 15.2 | 15.7 | 235.4 | 167.4 | NA | NA | NA | NA | NA | NA |
| 8/18/2019 | 15.2 | 0.15 | 15.0 | 15.5 | 250.7 | 178.7 | NA | NA | NA | NA | NA | NA |
| 8/19/2019 | 15.4 | 0.23 | 15.1 | 15.7 | 266.1 | 190.1 | NA | NA | NA | NA | NA | NA |
| 8/20/2019 | 15.2 | 0.36 | 14.5 | 15.6 | 281.3 | 201.3 | NA | NA | NA | NA | NA | NA |
| 8/21/2019 | 15.4 | 0.35 | 15.0 | 16.2 | 296.7 | 212.7 | NA | NA | NA | NA | NA | NA |
| 8/22/2019 | 15.3 | 0.65 | 14.5 | 16.1 | 312.0 | 224.0 | NA | NA | NA | NA | NA | NA |
| 8/23/2019 | 14.7 | 0.19 | 14.5 | 15.2 | 326.7 | 234.7 | NA | NA | NA | NA | NA | NA |
| 8/24/2019 | 18.1 | 2.20 | 14.9 | 20.4 | 344.8 | 248.8 | NA | NA | NA | NA | NA | NA |
| 8/25/2019 | 20.1 | 0.13 | 19.8 | 20.3 | 364.9 | 264.9 | NA | NA | NA | NA | NA | NA |
| 8/26/2019 | 19.3 | 0.26 | 18.7 | 19.7 | 384.1 | 280.1 | NA | NA | NA | NA | NA | NA |
| 8/27/2019 | 17.8 | 0.77 | 16.7 | 19.0 | 401.9 | 293.9 | NA | NA | NA | NA | NA | NA |
| 8/28/2019 | 16.6 | 0.12 | 16.5 | 16.8 | 418.6 | 306.6 | NA | NA | NA | NA | NA | NA |
| 8/29/2019 | 17.6 | 0.65 | 17.1 | 19.2 | 436.2 | 320.2 | NA | NA | NA | NA | NA | NA |
| 8/30/2019 | 18.0 | 0.35 | 17.6 | 18.7 | 454.2 | 334.2 | NA | NA | NA | NA | NA | NA |
| 8/31/2019 | 16.7 | 0.23 | 16.4 | 17.1 | 470.9 | 346.9 | NA | NA | NA | NA | NA | NA |

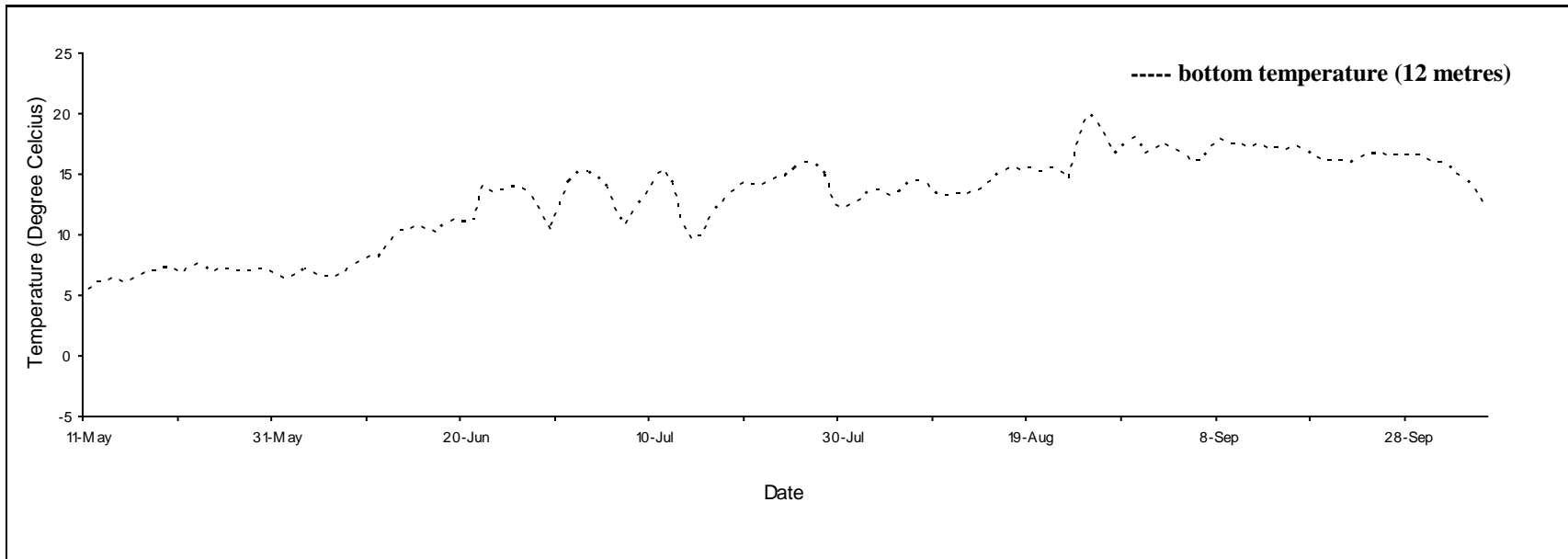
September

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/1/2019 | 17.0 | 0.37 | 16.6 | 17.6 | 17.0 | 13.0 | NA | NA | NA | NA | NA | NA |
| 9/2/2019 | 17.6 | 0.10 | 17.4 | 17.8 | 34.6 | 26.6 | NA | NA | NA | NA | NA | NA |
| 9/3/2019 | 17.1 | 0.34 | 16.6 | 17.5 | 51.7 | 39.7 | NA | NA | NA | NA | NA | NA |
| 9/4/2019 | 16.9 | 0.10 | 16.7 | 17.0 | 68.6 | 52.6 | NA | NA | NA | NA | NA | NA |
| 9/5/2019 | 16.1 | 0.18 | 15.9 | 16.6 | 84.7 | 64.7 | NA | NA | NA | NA | NA | NA |
| 9/6/2019 | 16.1 | 0.12 | 15.9 | 16.3 | 100.8 | 76.8 | NA | NA | NA | NA | NA | NA |
| 9/7/2019 | 17.2 | 0.80 | 16.3 | 18.4 | 118.0 | 90.0 | NA | NA | NA | NA | NA | NA |
| 9/8/2019 | 18.0 | 0.25 | 17.7 | 18.3 | 136.0 | 104.0 | NA | NA | NA | NA | NA | NA |
| 9/9/2019 | 17.5 | 0.04 | 17.4 | 17.6 | 153.4 | 117.4 | NA | NA | NA | NA | NA | NA |
| 9/10/2019 | 17.5 | 0.03 | 17.4 | 17.5 | 170.9 | 130.9 | NA | NA | NA | NA | NA | NA |
| 9/11/2019 | 17.3 | 0.09 | 17.1 | 17.4 | 188.2 | 144.2 | NA | NA | NA | NA | NA | NA |
| 9/12/2019 | 17.4 | 0.06 | 17.3 | 17.5 | 205.6 | 157.6 | NA | NA | NA | NA | NA | NA |
| 9/13/2019 | 17.2 | 0.08 | 17.1 | 17.3 | 222.7 | 170.7 | NA | NA | NA | NA | NA | NA |
| 9/14/2019 | 17.1 | 0.03 | 17.1 | 17.2 | 239.8 | 183.8 | NA | NA | NA | NA | NA | NA |
| 9/15/2019 | 17.0 | 0.15 | 16.9 | 17.2 | 256.8 | 196.8 | NA | NA | NA | NA | NA | NA |
| 9/16/2019 | 17.2 | 0.03 | 17.1 | 17.3 | 274.0 | 210.0 | NA | NA | NA | NA | NA | NA |
| 9/17/2019 | 16.9 | 0.18 | 16.6 | 17.2 | 291.0 | 223.0 | NA | NA | NA | NA | NA | NA |
| 9/18/2019 | 16.4 | 0.14 | 16.3 | 16.7 | 307.4 | 235.4 | NA | NA | NA | NA | NA | NA |
| 9/19/2019 | 16.0 | 0.18 | 15.8 | 16.2 | 323.4 | 247.4 | NA | NA | NA | NA | NA | NA |
| 9/20/2019 | 16.1 | 0.11 | 15.9 | 16.2 | 339.5 | 259.5 | NA | NA | NA | NA | NA | NA |
| 9/21/2019 | 16.0 | 0.10 | 15.9 | 16.2 | 355.5 | 271.5 | NA | NA | NA | NA | NA | NA |
| 9/22/2019 | 15.9 | 0.03 | 15.9 | 16.0 | 371.4 | 283.4 | NA | NA | NA | NA | NA | NA |
| 9/23/2019 | 16.4 | 0.14 | 16.2 | 16.6 | 387.9 | 295.9 | NA | NA | NA | NA | NA | NA |
| 9/24/2019 | 16.6 | 0.11 | 16.5 | 16.8 | 404.5 | 308.5 | NA | NA | NA | NA | NA | NA |
| 9/25/2019 | 16.7 | 0.05 | 16.6 | 16.8 | 421.2 | 321.2 | NA | NA | NA | NA | NA | NA |
| 9/26/2019 | 16.5 | 0.07 | 16.4 | 16.6 | 437.7 | 333.7 | NA | NA | NA | NA | NA | NA |
| 9/27/2019 | 16.5 | 0.05 | 16.4 | 16.6 | 454.2 | 346.2 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/28/2019 | 16.5 | 0.03 | 16.5 | 16.6 | 470.7 | 358.7 | NA | NA | NA | NA | NA | NA |
| 9/29/2019 | 16.5 | 0.04 | 16.4 | 16.6 | 487.2 | 371.2 | NA | NA | NA | NA | NA | NA |
| 9/30/2019 | 16.2 | 0.09 | 16.1 | 16.4 | 503.4 | 383.4 | NA | NA | NA | NA | NA | NA |

October

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/1/2019 | 15.9 | 0.05 | 15.9 | 16.0 | 15.9 | 11.9 | NA | NA | NA | NA | NA | NA |
| 10/2/2019 | 15.7 | 0.13 | 15.4 | 15.8 | 31.6 | 23.6 | NA | NA | NA | NA | NA | NA |
| 10/3/2019 | 15.0 | 0.21 | 14.7 | 15.4 | 46.6 | 34.6 | NA | NA | NA | NA | NA | NA |
| 10/4/2019 | 14.5 | 0.15 | 14.2 | 14.7 | 61.1 | 45.1 | NA | NA | NA | NA | NA | NA |
| 10/5/2019 | 13.8 | 0.11 | 13.6 | 14.0 | 74.9 | 54.9 | NA | NA | NA | NA | NA | NA |
| 10/6/2019 | 12.6 | 1.39 | 9.7 | 13.6 | 87.5 | 63.5 | NA | NA | NA | NA | NA | NA |



Daily mean temperature for Pugwash, N.S., 2019.

Richibucto, N.B.

2019

May

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 5/5/2019 | 1.6 | 0.08 | 1.5 | 1.8 | 1.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/6/2019 | 1.7 | 0.12 | 1.5 | 1.9 | 3.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/7/2019 | 1.7 | 0.14 | 1.5 | 1.9 | 5.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/8/2019 | 1.8 | 0.42 | 1.6 | 3.1 | 6.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/9/2019 | 4.0 | 1.33 | 2.1 | 5.9 | 10.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/10/2019 | 2.2 | 0.31 | 1.7 | 2.7 | 13.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/11/2019 | 1.7 | 0.09 | 1.6 | 1.9 | 14.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/12/2019 | 3.2 | 1.23 | 1.7 | 5.3 | 17.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/13/2019 | 2.5 | 0.49 | 1.9 | 3.4 | 20.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/14/2019 | 3.7 | 0.34 | 3.0 | 4.1 | 23.9 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/15/2019 | 5.4 | 0.70 | 3.9 | 6.2 | 29.4 | 1.4 | NA | NA | NA | NA | NA | NA |
| 5/16/2019 | 5.7 | 0.07 | 5.6 | 5.8 | 35.0 | 3.1 | NA | NA | NA | NA | NA | NA |
| 5/17/2019 | 5.5 | 0.17 | 5.3 | 5.8 | 40.6 | 4.6 | NA | NA | NA | NA | NA | NA |
| 5/18/2019 | 5.5 | 0.21 | 5.1 | 5.7 | 46.0 | 6.1 | NA | NA | NA | NA | NA | NA |
| 5/19/2019 | 5.8 | 0.23 | 5.4 | 6.2 | 51.8 | 7.9 | NA | NA | NA | NA | NA | NA |
| 5/20/2019 | 5.3 | 0.27 | 4.9 | 5.8 | 57.1 | 9.2 | NA | NA | NA | NA | NA | NA |
| 5/21/2019 | 5.4 | 0.32 | 5.1 | 6.0 | 62.5 | 10.6 | NA | NA | NA | NA | NA | NA |
| 5/22/2019 | 6.0 | 0.06 | 5.9 | 6.1 | 68.5 | 12.6 | NA | NA | NA | NA | NA | NA |
| 5/23/2019 | 5.7 | 0.22 | 5.5 | 6.2 | 74.2 | 14.3 | NA | NA | NA | NA | NA | NA |
| 5/24/2019 | 5.3 | 0.19 | 5.0 | 5.5 | 79.5 | 15.6 | NA | NA | NA | NA | NA | NA |
| 5/25/2019 | 5.2 | 0.15 | 5.0 | 5.5 | 84.7 | 16.7 | NA | NA | NA | NA | NA | NA |
| 5/26/2019 | 4.9 | 0.07 | 4.7 | 4.9 | 89.5 | 17.6 | NA | NA | NA | NA | NA | NA |
| 5/27/2019 | 4.6 | 0.01 | 4.6 | 4.7 | 94.2 | 18.2 | NA | NA | NA | NA | NA | NA |
| 5/28/2019 | 4.7 | 0.05 | 4.6 | 4.8 | 98.9 | 18.9 | NA | NA | NA | NA | NA | NA |
| 5/29/2019 | 4.7 | 0.04 | 4.6 | 4.8 | 103.5 | 19.6 | NA | NA | NA | NA | NA | NA |
| 5/30/2019 | 4.7 | 0.04 | 4.7 | 4.8 | 108.3 | 20.3 | NA | NA | NA | NA | NA | NA |
| 5/31/2019 | 4.6 | 0.19 | 4.4 | 5.0 | 112.8 | 20.9 | NA | NA | NA | NA | NA | NA |

June

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/1/2019 | 4.5 | 0.15 | 4.3 | 4.8 | 4.5 | 0.5 | NA | NA | NA | NA | NA | NA |
| 6/2/2019 | 4.2 | 0.22 | 3.9 | 4.5 | 8.7 | 0.7 | NA | NA | NA | NA | NA | NA |
| 6/3/2019 | 4.3 | 0.28 | 4.1 | 5.0 | 13.0 | 1.0 | NA | NA | NA | NA | NA | NA |
| 6/4/2019 | 4.7 | 0.39 | 4.4 | 5.8 | 17.8 | 1.8 | NA | NA | NA | NA | NA | NA |
| 6/5/2019 | 5.1 | 0.32 | 4.8 | 5.8 | 22.9 | 2.9 | NA | NA | NA | NA | NA | NA |
| 6/6/2019 | 5.2 | 0.33 | 5.0 | 5.9 | 28.1 | 4.1 | NA | NA | NA | NA | NA | NA |
| 6/7/2019 | 5.7 | 0.65 | 5.1 | 7.2 | 33.9 | 5.9 | NA | NA | NA | NA | NA | NA |
| 6/8/2019 | 6.6 | 1.25 | 5.2 | 9.3 | 40.5 | 8.5 | NA | NA | NA | NA | NA | NA |
| 6/9/2019 | 8.8 | 1.23 | 7.1 | 10.9 | 49.3 | 13.3 | NA | NA | NA | NA | NA | NA |
| 6/10/2019 | 8.1 | 0.93 | 7.0 | 10.0 | 57.4 | 17.4 | NA | NA | NA | NA | NA | NA |
| 6/11/2019 | 8.1 | 0.52 | 7.3 | 8.9 | 65.5 | 21.5 | NA | NA | NA | NA | NA | NA |
| 6/12/2019 | 9.3 | 2.21 | 6.7 | 12.5 | 74.9 | 26.9 | NA | NA | NA | NA | NA | NA |
| 6/13/2019 | 9.6 | 1.27 | 7.3 | 12.3 | 84.5 | 32.5 | NA | NA | NA | NA | NA | NA |
| 6/14/2019 | 8.9 | 0.48 | 8.3 | 9.9 | 93.4 | 37.4 | NA | NA | NA | NA | NA | NA |
| 6/15/2019 | 10.1 | 0.65 | 9.2 | 11.1 | 103.5 | 43.5 | NA | NA | NA | NA | NA | NA |
| 6/16/2019 | 10.8 | 0.52 | 10.2 | 11.7 | 114.3 | 50.3 | NA | NA | NA | NA | NA | NA |
| 6/17/2019 | 11.3 | 0.64 | 10.4 | 12.6 | 125.6 | 57.6 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/18/2019 | 12.3 | 0.67 | 11.6 | 13.8 | 137.9 | 65.9 | NA | NA | NA | NA | NA | NA |
| 6/19/2019 | 12.3 | 0.58 | 11.6 | 13.3 | 150.2 | 74.2 | NA | NA | NA | NA | NA | NA |
| 6/20/2019 | 12.4 | 0.50 | 11.8 | 13.3 | 162.7 | 82.7 | NA | NA | NA | NA | NA | NA |
| 6/21/2019 | 13.2 | 1.06 | 12.1 | 14.8 | 175.9 | 91.9 | NA | NA | NA | NA | NA | NA |
| 6/22/2019 | 14.8 | 0.57 | 13.9 | 15.6 | 190.7 | 102.7 | NA | NA | NA | NA | NA | NA |
| 6/23/2019 | 14.8 | 0.40 | 14.2 | 15.6 | 205.6 | 113.6 | NA | NA | NA | NA | NA | NA |
| 6/24/2019 | 14.3 | 0.36 | 13.7 | 14.8 | 219.9 | 123.9 | NA | NA | NA | NA | NA | NA |
| 6/25/2019 | 13.6 | 0.13 | 13.3 | 13.8 | 233.5 | 133.5 | NA | NA | NA | NA | NA | NA |
| 6/26/2019 | 13.1 | 0.27 | 12.6 | 13.4 | 246.6 | 142.6 | NA | NA | NA | NA | NA | NA |
| 6/27/2019 | 12.1 | 0.50 | 11.3 | 12.8 | 258.7 | 150.7 | NA | NA | NA | NA | NA | NA |
| 6/28/2019 | 11.2 | 0.14 | 11.1 | 11.5 | 269.9 | 157.9 | NA | NA | NA | NA | NA | NA |
| 6/29/2019 | 11.0 | 0.38 | 10.4 | 11.6 | 280.9 | 164.9 | NA | NA | NA | NA | NA | NA |
| 6/30/2019 | 11.3 | 1.09 | 10.1 | 13.9 | 292.2 | 172.2 | NA | NA | NA | NA | NA | NA |

July

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/1/2019 | 14.4 | 0.14 | 14.1 | 14.6 | 14.4 | 10.4 | NA | NA | NA | NA | NA | NA |
| 7/2/2019 | 14.3 | 0.14 | 14.1 | 14.6 | 28.7 | 20.7 | NA | NA | NA | NA | NA | NA |
| 7/3/2019 | 14.3 | 0.14 | 14.1 | 14.5 | 43.0 | 31.0 | NA | NA | NA | NA | NA | NA |
| 7/4/2019 | 14.1 | 0.42 | 13.3 | 14.6 | 57.1 | 41.1 | NA | NA | NA | NA | NA | NA |
| 7/5/2019 | 12.8 | 0.93 | 11.2 | 13.9 | 69.9 | 49.9 | NA | NA | NA | NA | NA | NA |
| 7/6/2019 | 11.8 | 0.87 | 10.7 | 13.0 | 81.7 | 57.7 | NA | NA | NA | NA | NA | NA |
| 7/7/2019 | 12.9 | 1.23 | 11.2 | 15.3 | 94.6 | 66.6 | NA | NA | NA | NA | NA | NA |
| 7/8/2019 | 13.5 | 1.06 | 12.3 | 15.7 | 108.1 | 76.1 | NA | NA | NA | NA | NA | NA |
| 7/9/2019 | 14.6 | 1.32 | 12.4 | 16.5 | 122.7 | 86.7 | NA | NA | NA | NA | NA | NA |
| 7/10/2019 | 15.2 | 1.30 | 12.7 | 16.7 | 137.8 | 97.8 | NA | NA | NA | NA | NA | NA |
| 7/11/2019 | 15.3 | 0.95 | 14.1 | 16.8 | 153.1 | 109.1 | NA | NA | NA | NA | NA | NA |
| 7/12/2019 | 12.2 | 1.00 | 10.7 | 13.8 | 165.4 | 117.4 | NA | NA | NA | NA | NA | NA |
| 7/13/2019 | 9.5 | 0.45 | 9.0 | 10.3 | 174.9 | 122.9 | NA | NA | NA | NA | NA | NA |
| 7/14/2019 | 8.9 | 0.50 | 8.3 | 10.0 | 183.8 | 127.8 | NA | NA | NA | NA | NA | NA |
| 7/15/2019 | 9.2 | 0.57 | 8.6 | 10.6 | 193.0 | 133.0 | NA | NA | NA | NA | NA | NA |
| 7/16/2019 | 9.9 | 0.55 | 9.2 | 11.1 | 202.9 | 138.9 | NA | NA | NA | NA | NA | NA |
| 7/17/2019 | 10.3 | 0.54 | 9.6 | 11.3 | 213.2 | 145.2 | NA | NA | NA | NA | NA | NA |
| 7/18/2019 | 11.1 | 1.03 | 10.1 | 13.1 | 224.3 | 152.3 | NA | NA | NA | NA | NA | NA |
| 7/19/2019 | 11.2 | 0.74 | 10.5 | 12.9 | 235.5 | 159.5 | NA | NA | NA | NA | NA | NA |
| 7/20/2019 | 11.3 | 0.75 | 10.2 | 12.4 | 246.7 | 166.7 | NA | NA | NA | NA | NA | NA |
| 7/21/2019 | 10.9 | 0.64 | 10.3 | 12.3 | 257.6 | 173.6 | NA | NA | NA | NA | NA | NA |
| 7/22/2019 | 11.4 | 0.71 | 10.5 | 12.4 | 269.0 | 181.0 | NA | NA | NA | NA | NA | NA |
| 7/23/2019 | 11.5 | 0.49 | 10.9 | 12.5 | 280.5 | 188.5 | NA | NA | NA | NA | NA | NA |
| 7/24/2019 | 11.7 | 0.44 | 11.2 | 12.6 | 292.2 | 196.2 | NA | NA | NA | NA | NA | NA |
| 7/25/2019 | 12.2 | 0.42 | 11.5 | 12.9 | 304.4 | 204.4 | NA | NA | NA | NA | NA | NA |
| 7/26/2019 | 12.8 | 0.67 | 11.9 | 13.9 | 317.2 | 213.2 | NA | NA | NA | NA | NA | NA |
| 7/27/2019 | 11.4 | 1.01 | 10.7 | 14.4 | 328.7 | 220.7 | NA | NA | NA | NA | NA | NA |
| 7/28/2019 | 10.3 | 0.42 | 9.8 | 11.1 | 339.0 | 227.0 | NA | NA | NA | NA | NA | NA |
| 7/29/2019 | 9.7 | 0.54 | 9.2 | 11.2 | 348.7 | 232.7 | NA | NA | NA | NA | NA | NA |
| 7/30/2019 | 9.6 | 0.39 | 9.1 | 10.3 | 358.3 | 238.3 | NA | NA | NA | NA | NA | NA |
| 7/31/2019 | 9.6 | 0.50 | 9.0 | 10.3 | 367.8 | 243.8 | NA | NA | NA | NA | NA | NA |

August

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/1/2019 | 10.1 | 0.69 | 9.5 | 11.5 | 10.1 | 6.1 | NA | NA | NA | NA | NA | NA |
| 8/2/2019 | 10.5 | 0.57 | 9.9 | 11.8 | 20.6 | 12.6 | NA | NA | NA | NA | NA | NA |
| 8/3/2019 | 11.1 | 1.04 | 10.2 | 14.0 | 31.7 | 19.7 | NA | NA | NA | NA | NA | NA |
| 8/4/2019 | 12.1 | 1.47 | 10.6 | 15.1 | 43.8 | 27.8 | NA | NA | NA | NA | NA | NA |
| 8/5/2019 | 12.7 | 1.12 | 11.3 | 14.9 | 56.4 | 36.4 | NA | NA | NA | NA | NA | NA |
| 8/6/2019 | 12.8 | 0.92 | 11.9 | 14.1 | 69.3 | 45.3 | NA | NA | NA | NA | NA | NA |
| 8/7/2019 | 12.9 | 0.63 | 11.7 | 14.2 | 82.2 | 54.2 | NA | NA | NA | NA | NA | NA |
| 8/8/2019 | 11.2 | 0.85 | 10.0 | 13.0 | 93.4 | 61.4 | NA | NA | NA | NA | NA | NA |
| 8/9/2019 | 9.5 | 0.24 | 9.1 | 9.8 | 102.9 | 66.9 | NA | NA | NA | NA | NA | NA |
| 8/10/2019 | 9.5 | 0.31 | 9.2 | 10.1 | 112.4 | 72.4 | NA | NA | NA | NA | NA | NA |
| 8/11/2019 | 9.5 | 0.40 | 9.2 | 10.7 | 121.8 | 77.8 | NA | NA | NA | NA | NA | NA |
| 8/12/2019 | 9.6 | 0.36 | 9.3 | 10.3 | 131.4 | 83.4 | NA | NA | NA | NA | NA | NA |
| 8/13/2019 | 9.7 | 0.35 | 9.4 | 10.6 | 141.2 | 89.2 | NA | NA | NA | NA | NA | NA |
| 8/14/2019 | 11.1 | 1.14 | 10.2 | 13.4 | 152.2 | 96.2 | NA | NA | NA | NA | NA | NA |
| 8/15/2019 | 11.9 | 0.84 | 10.9 | 13.7 | 164.1 | 104.1 | NA | NA | NA | NA | NA | NA |
| 8/16/2019 | 13.0 | 0.65 | 12.1 | 14.2 | 177.1 | 113.1 | NA | NA | NA | NA | NA | NA |
| 8/17/2019 | 12.9 | 0.94 | 11.4 | 14.4 | 190.0 | 122.0 | NA | NA | NA | NA | NA | NA |
| 8/18/2019 | 11.6 | 0.95 | 10.6 | 13.6 | 201.6 | 129.6 | NA | NA | NA | NA | NA | NA |
| 8/19/2019 | 10.9 | 0.31 | 10.5 | 11.4 | 212.5 | 136.5 | NA | NA | NA | NA | NA | NA |
| 8/20/2019 | 11.1 | 0.36 | 10.7 | 11.7 | 223.6 | 143.6 | NA | NA | NA | NA | NA | NA |
| 8/21/2019 | 11.5 | 0.46 | 10.7 | 12.3 | 235.1 | 151.1 | NA | NA | NA | NA | NA | NA |
| 8/22/2019 | 11.1 | 0.30 | 10.7 | 11.7 | 246.2 | 158.2 | NA | NA | NA | NA | NA | NA |
| 8/23/2019 | 11.4 | 0.33 | 10.8 | 12.0 | 257.6 | 165.6 | NA | NA | NA | NA | NA | NA |
| 8/24/2019 | 15.4 | 2.81 | 11.3 | 18.5 | 273.0 | 177.0 | NA | NA | NA | NA | NA | NA |
| 8/25/2019 | 16.8 | 0.42 | 16.4 | 17.6 | 289.8 | 189.8 | NA | NA | NA | NA | NA | NA |
| 8/26/2019 | 16.5 | 0.15 | 16.4 | 16.8 | 306.3 | 202.3 | NA | NA | NA | NA | NA | NA |
| 8/27/2019 | 16.4 | 0.83 | 14.9 | 17.5 | 322.7 | 214.7 | NA | NA | NA | NA | NA | NA |
| 8/28/2019 | 15.2 | 1.41 | 13.4 | 17.2 | 337.9 | 225.9 | NA | NA | NA | NA | NA | NA |
| 8/29/2019 | 14.0 | 1.54 | 12.1 | 16.1 | 351.9 | 235.9 | NA | NA | NA | NA | NA | NA |
| 8/30/2019 | 12.7 | 1.22 | 11.5 | 15.9 | 364.6 | 244.6 | NA | NA | NA | NA | NA | NA |
| 8/31/2019 | 11.9 | 1.05 | 10.9 | 14.0 | 376.5 | 252.5 | NA | NA | NA | NA | NA | NA |

September

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/1/2019 | 13.4 | 1.69 | 11.6 | 17.0 | 13.4 | 9.4 | NA | NA | NA | NA | NA | NA |
| 9/2/2019 | 12.2 | 1.15 | 11.0 | 14.1 | 25.6 | 17.6 | NA | NA | NA | NA | NA | NA |
| 9/3/2019 | 12.0 | 0.88 | 11.1 | 13.7 | 37.6 | 25.6 | NA | NA | NA | NA | NA | NA |
| 9/4/2019 | 11.9 | 0.89 | 11.0 | 13.9 | 49.5 | 33.5 | NA | NA | NA | NA | NA | NA |
| 9/5/2019 | 11.8 | 0.61 | 11.0 | 13.3 | 61.2 | 41.2 | NA | NA | NA | NA | NA | NA |
| 9/6/2019 | 13.0 | 1.12 | 11.5 | 15.0 | 74.3 | 50.3 | NA | NA | NA | NA | NA | NA |
| 9/7/2019 | 13.3 | 1.36 | 11.8 | 15.6 | 87.6 | 59.6 | NA | NA | NA | NA | NA | NA |
| 9/8/2019 | 15.4 | 0.19 | 15.1 | 15.7 | 102.9 | 70.9 | NA | NA | NA | NA | NA | NA |
| 9/9/2019 | 15.4 | 0.20 | 15.0 | 15.6 | 118.3 | 82.3 | NA | NA | NA | NA | NA | NA |
| 9/10/2019 | 15.6 | 0.10 | 15.4 | 15.7 | 133.9 | 93.9 | NA | NA | NA | NA | NA | NA |
| 9/11/2019 | 15.4 | 0.05 | 15.4 | 15.5 | 149.4 | 105.4 | NA | NA | NA | NA | NA | NA |
| 9/12/2019 | 15.3 | 0.05 | 15.3 | 15.4 | 164.7 | 116.7 | NA | NA | NA | NA | NA | NA |
| 9/13/2019 | 15.3 | 0.03 | 15.2 | 15.3 | 179.9 | 127.9 | NA | NA | NA | NA | NA | NA |
| 9/14/2019 | 15.2 | 0.07 | 15.1 | 15.3 | 195.1 | 139.1 | NA | NA | NA | NA | NA | NA |
| 9/15/2019 | 15.0 | 0.03 | 15.0 | 15.1 | 210.2 | 150.2 | NA | NA | NA | NA | NA | NA |
| 9/16/2019 | 15.1 | 0.04 | 15.0 | 15.1 | 225.3 | 161.3 | NA | NA | NA | NA | NA | NA |
| 9/17/2019 | 14.9 | 0.10 | 14.7 | 15.1 | 240.1 | 172.1 | NA | NA | NA | NA | NA | NA |
| 9/18/2019 | 14.5 | 0.09 | 14.5 | 14.7 | 254.7 | 182.7 | NA | NA | NA | NA | NA | NA |
| 9/19/2019 | 14.5 | 0.13 | 14.2 | 14.6 | 269.2 | 193.2 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/20/2019 | 14.4 | 0.06 | 14.3 | 14.5 | 283.6 | 203.6 | NA | NA | NA | NA | NA | NA |
| 9/21/2019 | 14.6 | 0.15 | 14.4 | 14.9 | 298.2 | 214.2 | NA | NA | NA | NA | NA | NA |
| 9/22/2019 | 14.7 | 0.10 | 14.6 | 14.9 | 312.9 | 224.9 | NA | NA | NA | NA | NA | NA |
| 9/23/2019 | 15.0 | 0.12 | 14.7 | 15.1 | 327.9 | 235.9 | NA | NA | NA | NA | NA | NA |
| 9/24/2019 | 14.9 | 0.08 | 14.9 | 15.1 | 342.8 | 246.8 | NA | NA | NA | NA | NA | NA |
| 9/25/2019 | 14.8 | 0.06 | 14.6 | 14.8 | 357.6 | 257.6 | NA | NA | NA | NA | NA | NA |
| 9/26/2019 | 14.5 | 0.05 | 14.4 | 14.6 | 372.1 | 268.1 | NA | NA | NA | NA | NA | NA |
| 9/27/2019 | 14.5 | 0.04 | 14.4 | 14.6 | 386.6 | 278.6 | NA | NA | NA | NA | NA | NA |
| 9/28/2019 | 14.6 | 0.08 | 14.5 | 14.7 | 401.2 | 289.2 | NA | NA | NA | NA | NA | NA |
| 9/29/2019 | 14.5 | 0.04 | 14.5 | 14.6 | 415.7 | 299.7 | NA | NA | NA | NA | NA | NA |
| 9/30/2019 | 14.3 | 0.06 | 14.2 | 14.4 | 430.0 | 310.0 | NA | NA | NA | NA | NA | NA |

October

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/1/2019 | 14.1 | 0.03 | 14.1 | 14.2 | 14.1 | 10.1 | NA | NA | NA | NA | NA | NA |
| 10/2/2019 | 13.8 | 0.14 | 13.6 | 14.1 | 27.9 | 19.9 | NA | NA | NA | NA | NA | NA |
| 10/3/2019 | 13.3 | 0.11 | 13.1 | 13.5 | 41.3 | 29.3 | NA | NA | NA | NA | NA | NA |
| 10/4/2019 | 13.2 | 0.07 | 13.0 | 13.3 | 54.5 | 38.5 | NA | NA | NA | NA | NA | NA |
| 10/5/2019 | 12.7 | 0.19 | 12.4 | 13.0 | 67.2 | 47.2 | NA | NA | NA | NA | NA | NA |
| 10/6/2019 | 12.5 | 0.13 | 12.4 | 12.8 | 79.7 | 55.7 | NA | NA | NA | NA | NA | NA |
| 10/7/2019 | 12.5 | 0.10 | 12.4 | 12.6 | 92.2 | 64.2 | NA | NA | NA | NA | NA | NA |
| 10/8/2019 | 12.6 | 0.02 | 12.6 | 12.7 | 104.9 | 72.9 | NA | NA | NA | NA | NA | NA |
| 10/9/2019 | 12.6 | 0.05 | 12.5 | 12.7 | 117.5 | 81.5 | NA | NA | NA | NA | NA | NA |
| 10/10/2019 | 12.6 | 0.01 | 12.6 | 12.6 | 130.0 | 90.0 | NA | NA | NA | NA | NA | NA |
| 10/11/2019 | 12.6 | 0.03 | 12.5 | 12.6 | 142.6 | 98.6 | NA | NA | NA | NA | NA | NA |
| 10/12/2019 | 12.4 | 0.04 | 12.4 | 12.5 | 155.0 | 107.0 | NA | NA | NA | NA | NA | NA |
| 10/13/2019 | 12.3 | 0.07 | 12.1 | 12.3 | 167.3 | 115.3 | NA | NA | NA | NA | NA | NA |
| 10/14/2019 | 12.3 | 0.05 | 12.3 | 12.4 | 179.6 | 123.6 | NA | NA | NA | NA | NA | NA |
| 10/15/2019 | 12.4 | 0.02 | 12.3 | 12.4 | 192.0 | 132.0 | NA | NA | NA | NA | NA | NA |
| 10/16/2019 | 12.3 | 0.04 | 12.2 | 12.4 | 204.3 | 140.3 | NA | NA | NA | NA | NA | NA |
| 10/17/2019 | 12.1 | 0.10 | 12.0 | 12.3 | 216.4 | 148.4 | NA | NA | NA | NA | NA | NA |
| 10/18/2019 | 12.1 | 0.04 | 12.0 | 12.1 | 228.5 | 156.5 | NA | NA | NA | NA | NA | NA |
| 10/19/2019 | 11.9 | 0.12 | 11.7 | 12.1 | 240.4 | 164.4 | NA | NA | NA | NA | NA | NA |
| 10/20/2019 | 11.6 | 0.06 | 11.5 | 11.7 | 251.9 | 171.9 | NA | NA | NA | NA | NA | NA |
| 10/21/2019 | 11.6 | 0.04 | 11.5 | 11.6 | 263.5 | 179.5 | NA | NA | NA | NA | NA | NA |
| 10/22/2019 | 11.6 | 0.06 | 11.5 | 11.7 | 275.1 | 187.1 | NA | NA | NA | NA | NA | NA |
| 10/23/2019 | 11.3 | 0.19 | 10.9 | 11.5 | 286.3 | 194.3 | NA | NA | NA | NA | NA | NA |
| 10/24/2019 | 11.1 | 0.09 | 10.9 | 11.3 | 297.5 | 201.5 | NA | NA | NA | NA | NA | NA |
| 10/25/2019 | 11.2 | 0.07 | 11.0 | 11.3 | 308.6 | 208.6 | NA | NA | NA | NA | NA | NA |
| 10/26/2019 | 11.0 | 0.12 | 10.9 | 11.2 | 319.7 | 215.7 | NA | NA | NA | NA | NA | NA |
| 10/27/2019 | 10.8 | 0.07 | 10.7 | 10.9 | 330.4 | 222.4 | NA | NA | NA | NA | NA | NA |
| 10/28/2019 | 10.7 | 0.09 | 10.5 | 10.8 | 341.1 | 229.1 | NA | NA | NA | NA | NA | NA |
| 10/29/2019 | 10.7 | 0.06 | 10.6 | 10.8 | 351.8 | 235.8 | NA | NA | NA | NA | NA | NA |
| 10/30/2019 | 10.6 | 0.08 | 10.5 | 10.7 | 362.5 | 242.5 | NA | NA | NA | NA | NA | NA |
| 10/31/2019 | 10.6 | 0.07 | 10.5 | 10.7 | 373.1 | 249.1 | NA | NA | NA | NA | NA | NA |

November

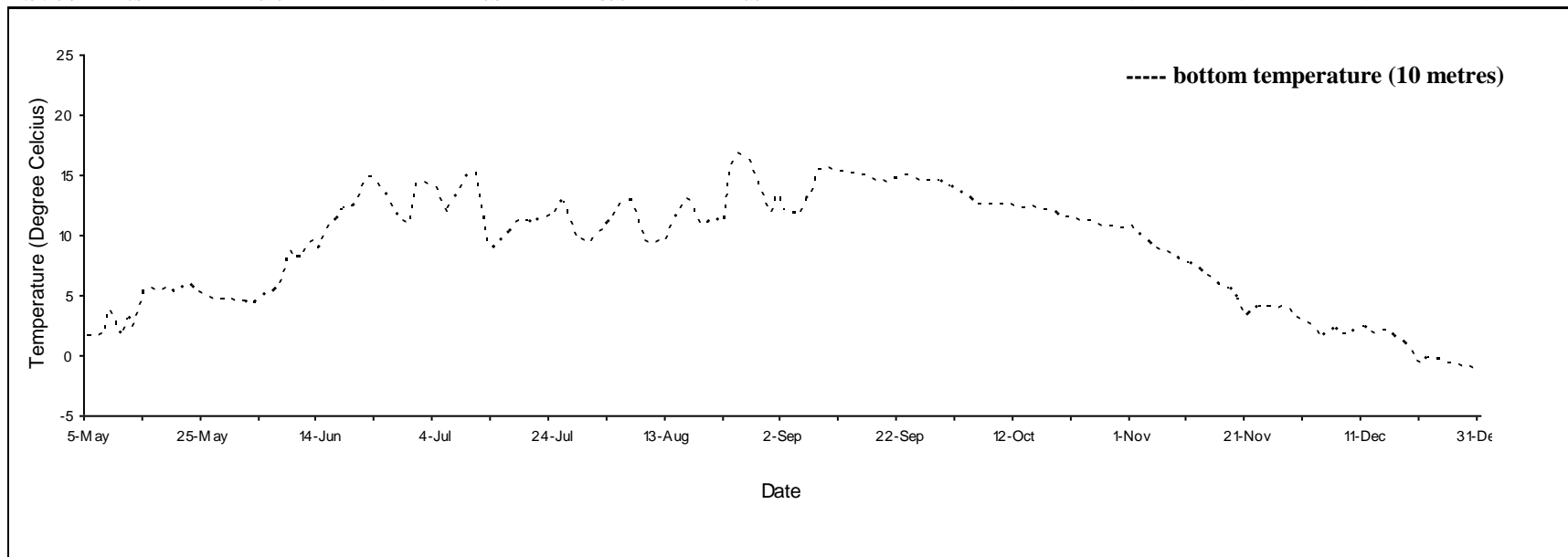
| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 11/1/2019 | 11.0 | 0.17 | 10.7 | 11.3 | 11.0 | 7.0 | NA | NA | NA | NA | NA | NA |
| 11/2/2019 | 10.2 | 0.27 | 9.7 | 10.6 | 21.2 | 13.2 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 11/3/2019 | 9.6 | 0.22 | 9.2 | 9.9 | 30.8 | 18.8 | NA | NA | NA | NA | NA | NA |
| 11/4/2019 | 9.4 | 0.34 | 8.9 | 9.9 | 40.2 | 24.2 | NA | NA | NA | NA | NA | NA |
| 11/5/2019 | 9.0 | 0.34 | 8.6 | 9.6 | 49.2 | 29.2 | NA | NA | NA | NA | NA | NA |
| 11/6/2019 | 8.9 | 0.18 | 8.6 | 9.1 | 58.0 | 34.0 | NA | NA | NA | NA | NA | NA |
| 11/7/2019 | 8.7 | 0.16 | 8.5 | 9.1 | 66.8 | 38.8 | NA | NA | NA | NA | NA | NA |
| 11/8/2019 | 8.6 | 0.19 | 8.3 | 8.8 | 75.3 | 43.3 | NA | NA | NA | NA | NA | NA |
| 11/9/2019 | 8.0 | 0.10 | 7.9 | 8.3 | 83.4 | 47.4 | NA | NA | NA | NA | NA | NA |
| 11/10/2019 | 7.9 | 0.18 | 7.6 | 8.2 | 91.3 | 51.3 | NA | NA | NA | NA | NA | NA |
| 11/11/2019 | 7.7 | 0.11 | 7.5 | 7.9 | 99.0 | 55.0 | NA | NA | NA | NA | NA | NA |
| 11/12/2019 | 7.5 | 0.08 | 7.3 | 7.6 | 106.5 | 58.5 | NA | NA | NA | NA | NA | NA |
| 11/13/2019 | 7.1 | 0.16 | 6.7 | 7.4 | 113.5 | 61.5 | NA | NA | NA | NA | NA | NA |
| 11/14/2019 | 6.6 | 0.12 | 6.4 | 6.7 | 120.2 | 64.2 | NA | NA | NA | NA | NA | NA |
| 11/15/2019 | 6.3 | 0.11 | 6.1 | 6.4 | 126.4 | 66.4 | NA | NA | NA | NA | NA | NA |
| 11/16/2019 | 6.0 | 0.08 | 5.8 | 6.1 | 132.4 | 68.4 | NA | NA | NA | NA | NA | NA |
| 11/17/2019 | 5.7 | 0.20 | 5.3 | 5.9 | 138.1 | 70.1 | NA | NA | NA | NA | NA | NA |
| 11/18/2019 | 5.6 | 0.09 | 5.4 | 5.7 | 143.7 | 71.7 | NA | NA | NA | NA | NA | NA |
| 11/19/2019 | 4.8 | 0.69 | 4.1 | 5.7 | 148.6 | 72.6 | NA | NA | NA | NA | NA | NA |
| 11/20/2019 | 3.9 | 0.33 | 3.5 | 4.2 | 152.4 | 72.6 | NA | NA | NA | NA | NA | NA |
| 11/21/2019 | 3.3 | 0.26 | 3.1 | 3.7 | 155.8 | 72.6 | NA | NA | NA | NA | NA | NA |
| 11/22/2019 | 3.9 | 0.40 | 3.5 | 4.6 | 159.6 | 72.6 | NA | NA | NA | NA | NA | NA |
| 11/23/2019 | 4.1 | 0.38 | 3.7 | 4.7 | 163.7 | 72.7 | NA | NA | NA | NA | NA | NA |
| 11/24/2019 | 4.2 | 0.24 | 3.7 | 4.6 | 167.9 | 72.9 | NA | NA | NA | NA | NA | NA |
| 11/25/2019 | 4.1 | 0.27 | 3.7 | 4.4 | 172.0 | 72.9 | NA | NA | NA | NA | NA | NA |
| 11/26/2019 | 3.9 | 0.27 | 3.4 | 4.2 | 175.9 | 72.9 | NA | NA | NA | NA | NA | NA |
| 11/27/2019 | 4.2 | 0.21 | 3.7 | 4.4 | 180.0 | 73.1 | NA | NA | NA | NA | NA | NA |
| 11/28/2019 | 4.1 | 0.24 | 3.6 | 4.3 | 184.2 | 73.2 | NA | NA | NA | NA | NA | NA |
| 11/29/2019 | 3.4 | 0.13 | 3.2 | 3.6 | 187.6 | 73.2 | NA | NA | NA | NA | NA | NA |
| 11/30/2019 | 3.0 | 0.07 | 2.9 | 3.1 | 190.5 | 73.2 | NA | NA | NA | NA | NA | NA |

December

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 12/1/2019 | 2.7 | 0.08 | 2.5 | 2.8 | 2.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/2/2019 | 2.6 | 0.27 | 2.1 | 2.9 | 5.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/3/2019 | 2.1 | 0.44 | 1.3 | 2.8 | 7.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/4/2019 | 1.5 | 0.27 | 1.1 | 1.9 | 8.9 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/5/2019 | 2.0 | 0.19 | 1.7 | 2.2 | 10.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/6/2019 | 2.2 | 0.28 | 1.7 | 2.5 | 13.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/7/2019 | 1.8 | 0.22 | 1.5 | 2.3 | 14.9 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/8/2019 | 1.8 | 0.10 | 1.6 | 1.9 | 16.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/9/2019 | 1.8 | 0.23 | 1.5 | 2.2 | 18.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/10/2019 | 2.2 | 0.29 | 1.7 | 2.5 | 20.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/11/2019 | 2.4 | 0.06 | 2.3 | 2.5 | 23.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/12/2019 | 2.0 | 0.20 | 1.7 | 2.3 | 25.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/13/2019 | 1.9 | 0.28 | 1.4 | 2.3 | 27.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/14/2019 | 2.1 | 0.15 | 1.8 | 2.3 | 29.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/15/2019 | 2.1 | 0.06 | 2.0 | 2.2 | 31.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/16/2019 | 1.6 | 0.18 | 1.4 | 2.0 | 32.9 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/17/2019 | 1.3 | 0.08 | 1.1 | 1.4 | 34.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/18/2019 | 1.1 | 0.04 | 1.0 | 1.2 | 35.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/19/2019 | 0.6 | 0.24 | 0.2 | 1.0 | 36.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/20/2019 | -0.3 | 0.23 | -0.5 | 0.2 | 36.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/21/2019 | -0.5 | 0.07 | -0.6 | -0.4 | 36.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/22/2019 | -0.2 | 0.20 | -0.4 | 0.2 | 36.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/23/2019 | -0.2 | 0.23 | -0.5 | 0.1 | 36.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/24/2019 | -0.3 | 0.12 | -0.5 | 0.0 | 36.0 | 0.0 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 12/25/2019 | -0.5 | 0.06 | -0.6 | -0.4 | 36.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/26/2019 | -0.6 | 0.14 | -0.9 | -0.4 | 36.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/27/2019 | -0.7 | 0.20 | -1.1 | -0.5 | 36.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/28/2019 | -0.9 | 0.18 | -1.0 | -0.6 | 36.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/29/2019 | -1.0 | 0.05 | -1.0 | -0.9 | 36.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/30/2019 | -1.0 | 0.06 | -1.1 | -1.0 | 36.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/31/2019 | -0.9 | 0.10 | -1.1 | -0.8 | 36.0 | 0.0 | NA | NA | NA | NA | NA | NA |



Daily mean temperature for Richibucto, N.B., 2019.

River John, N.S.

2019

May

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 5/14/2019 | 5.7 | 0.44 | 4.9 | 6.6 | 5.7 | 1.7 | NA | NA | NA | NA | NA | NA |
| 5/15/2019 | 4.9 | 0.23 | 4.7 | 5.4 | 10.6 | 2.6 | NA | NA | NA | NA | NA | NA |
| 5/16/2019 | 5.1 | 0.28 | 4.7 | 5.5 | 15.7 | 3.7 | NA | NA | NA | NA | NA | NA |
| 5/17/2019 | 5.5 | 0.16 | 5.3 | 5.8 | 21.2 | 5.2 | NA | NA | NA | NA | NA | NA |
| 5/18/2019 | 5.8 | 0.08 | 5.7 | 5.9 | 27.0 | 7.0 | NA | NA | NA | NA | NA | NA |
| 5/19/2019 | 5.8 | 0.23 | 5.6 | 6.3 | 32.8 | 8.8 | NA | NA | NA | NA | NA | NA |
| 5/20/2019 | 6.0 | 0.25 | 5.4 | 6.4 | 38.8 | 10.8 | NA | NA | NA | NA | NA | NA |
| 5/21/2019 | 5.9 | 0.29 | 5.3 | 6.4 | 44.7 | 12.7 | NA | NA | NA | NA | NA | NA |
| 5/22/2019 | 6.5 | 0.22 | 6.2 | 6.8 | 51.2 | 15.2 | NA | NA | NA | NA | NA | NA |
| 5/23/2019 | 6.7 | 0.12 | 6.5 | 6.9 | 57.9 | 17.9 | NA | NA | NA | NA | NA | NA |
| 5/24/2019 | 6.7 | 0.38 | 5.8 | 7.2 | 64.6 | 20.6 | NA | NA | NA | NA | NA | NA |
| 5/25/2019 | 6.7 | 0.28 | 6.2 | 7.1 | 71.3 | 23.3 | NA | NA | NA | NA | NA | NA |
| 5/26/2019 | 6.9 | 0.45 | 6.1 | 7.6 | 78.2 | 26.2 | NA | NA | NA | NA | NA | NA |
| 5/27/2019 | 6.7 | 0.74 | 5.7 | 8.6 | 85.0 | 29.0 | NA | NA | NA | NA | NA | NA |
| 5/28/2019 | 6.8 | 1.00 | 5.5 | 8.4 | 91.8 | 31.8 | NA | NA | NA | NA | NA | NA |
| 5/29/2019 | 7.5 | 0.68 | 6.1 | 8.3 | 99.3 | 35.3 | NA | NA | NA | NA | NA | NA |
| 5/30/2019 | 7.1 | 0.97 | 5.5 | 8.6 | 106.5 | 38.5 | NA | NA | NA | NA | NA | NA |
| 5/31/2019 | 6.9 | 0.93 | 5.7 | 8.6 | 113.4 | 41.4 | NA | NA | NA | NA | NA | NA |

June

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/1/2019 | 6.6 | 1.29 | 5.1 | 8.7 | 6.6 | 2.6 | NA | NA | NA | NA | NA | NA |
| 6/2/2019 | 6.2 | 1.25 | 4.6 | 8.1 | 12.9 | 4.9 | NA | NA | NA | NA | NA | NA |
| 6/3/2019 | 5.8 | 0.82 | 4.9 | 7.3 | 18.6 | 6.6 | NA | NA | NA | NA | NA | NA |
| 6/4/2019 | 6.5 | 1.09 | 5.2 | 8.9 | 25.2 | 9.2 | NA | NA | NA | NA | NA | NA |
| 6/5/2019 | 6.7 | 1.43 | 4.4 | 8.8 | 31.9 | 11.9 | NA | NA | NA | NA | NA | NA |
| 6/6/2019 | 7.0 | 1.05 | 5.3 | 8.3 | 38.9 | 14.9 | NA | NA | NA | NA | NA | NA |
| 6/7/2019 | 6.9 | 1.51 | 5.0 | 10.8 | 45.8 | 17.8 | NA | NA | NA | NA | NA | NA |
| 6/8/2019 | 7.0 | 1.61 | 4.6 | 9.7 | 52.8 | 20.8 | NA | NA | NA | NA | NA | NA |
| 6/9/2019 | 7.9 | 1.60 | 5.3 | 9.8 | 60.7 | 24.7 | NA | NA | NA | NA | NA | NA |
| 6/10/2019 | 7.9 | 1.79 | 5.4 | 10.6 | 68.6 | 28.6 | NA | NA | NA | NA | NA | NA |
| 6/11/2019 | 7.3 | 2.01 | 5.1 | 11.3 | 75.9 | 31.9 | NA | NA | NA | NA | NA | NA |
| 6/12/2019 | 8.9 | 2.39 | 5.2 | 11.6 | 84.7 | 36.7 | NA | NA | NA | NA | NA | NA |
| 6/13/2019 | 10.2 | 1.60 | 6.8 | 11.7 | 94.9 | 42.9 | NA | NA | NA | NA | NA | NA |
| 6/14/2019 | 9.1 | 2.19 | 5.4 | 12.2 | 104.0 | 48.0 | NA | NA | NA | NA | NA | NA |
| 6/15/2019 | 9.4 | 2.58 | 6.2 | 12.5 | 113.5 | 53.5 | NA | NA | NA | NA | NA | NA |
| 6/16/2019 | 9.5 | 2.46 | 5.9 | 13.4 | 122.9 | 58.9 | NA | NA | NA | NA | NA | NA |
| 6/17/2019 | 8.9 | 2.26 | 5.8 | 12.7 | 131.9 | 63.9 | NA | NA | NA | NA | NA | NA |
| 6/18/2019 | 9.6 | 2.39 | 6.6 | 13.6 | 141.5 | 69.5 | NA | NA | NA | NA | NA | NA |
| 6/19/2019 | 9.5 | 2.26 | 6.5 | 13.0 | 151.0 | 75.0 | NA | NA | NA | NA | NA | NA |
| 6/20/2019 | 9.3 | 2.18 | 6.7 | 12.9 | 160.3 | 80.3 | NA | NA | NA | NA | NA | NA |
| 6/21/2019 | 8.7 | 1.98 | 6.5 | 13.2 | 169.0 | 85.0 | NA | NA | NA | NA | NA | NA |
| 6/22/2019 | 11.8 | 2.19 | 7.1 | 13.8 | 180.8 | 92.8 | NA | NA | NA | NA | NA | NA |
| 6/23/2019 | 13.0 | 0.94 | 10.7 | 13.8 | 193.8 | 101.8 | NA | NA | NA | NA | NA | NA |
| 6/24/2019 | 11.7 | 1.38 | 9.7 | 13.7 | 205.5 | 109.5 | NA | NA | NA | NA | NA | NA |
| 6/25/2019 | 12.5 | 0.67 | 11.4 | 13.6 | 218.0 | 118.0 | NA | NA | NA | NA | NA | NA |
| 6/26/2019 | 12.7 | 0.82 | 11.4 | 14.0 | 230.7 | 126.7 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/27/2019 | 12.9 | 1.50 | 10.8 | 14.7 | 243.7 | 135.7 | NA | NA | NA | NA | NA | NA |
| 6/28/2019 | 11.5 | 1.96 | 8.1 | 14.7 | 255.2 | 143.2 | NA | NA | NA | NA | NA | NA |
| 6/29/2019 | 11.0 | 2.35 | 8.3 | 14.8 | 266.3 | 150.3 | NA | NA | NA | NA | NA | NA |
| 6/30/2019 | 11.3 | 2.27 | 8.4 | 14.8 | 277.6 | 157.6 | NA | NA | NA | NA | NA | NA |

July

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/1/2019 | 11.6 | 2.39 | 8.5 | 14.8 | 11.6 | 7.6 | NA | NA | NA | NA | NA | NA |
| 7/2/2019 | 13.8 | 0.78 | 12.3 | 14.6 | 25.4 | 17.4 | NA | NA | NA | NA | NA | NA |
| 7/3/2019 | 13.9 | 0.82 | 11.9 | 14.6 | 39.4 | 27.4 | NA | NA | NA | NA | NA | NA |
| 7/4/2019 | 12.8 | 1.83 | 9.9 | 15.6 | 52.2 | 36.2 | NA | NA | NA | NA | NA | NA |
| 7/5/2019 | 12.4 | 1.60 | 9.9 | 13.9 | 64.6 | 44.6 | NA | NA | NA | NA | NA | NA |
| 7/6/2019 | 12.9 | 1.92 | 10.4 | 17.1 | 77.6 | 53.6 | NA | NA | NA | NA | NA | NA |
| 7/7/2019 | 13.5 | 2.28 | 10.8 | 16.6 | 91.0 | 63.0 | NA | NA | NA | NA | NA | NA |
| 7/8/2019 | 13.6 | 1.97 | 10.9 | 16.7 | 104.6 | 72.6 | NA | NA | NA | NA | NA | NA |
| 7/9/2019 | 14.0 | 2.13 | 11.0 | 16.9 | 118.6 | 82.6 | NA | NA | NA | NA | NA | NA |
| 7/10/2019 | 14.4 | 2.55 | 10.8 | 17.1 | 133.0 | 93.0 | NA | NA | NA | NA | NA | NA |
| 7/11/2019 | 13.7 | 1.72 | 10.9 | 16.5 | 146.7 | 102.7 | NA | NA | NA | NA | NA | NA |
| 7/12/2019 | 12.7 | 0.99 | 11.4 | 14.4 | 159.4 | 111.4 | NA | NA | NA | NA | NA | NA |
| 7/13/2019 | 12.1 | 0.44 | 11.6 | 13.1 | 171.5 | 119.5 | NA | NA | NA | NA | NA | NA |
| 7/14/2019 | 12.1 | 0.40 | 11.5 | 12.6 | 183.5 | 127.5 | NA | NA | NA | NA | NA | NA |
| 7/15/2019 | 12.9 | 1.71 | 11.2 | 16.9 | 196.5 | 136.5 | NA | NA | NA | NA | NA | NA |
| 7/16/2019 | 13.7 | 1.81 | 11.5 | 17.6 | 210.1 | 146.1 | NA | NA | NA | NA | NA | NA |
| 7/17/2019 | 13.7 | 1.43 | 12.1 | 16.4 | 223.8 | 155.8 | NA | NA | NA | NA | NA | NA |
| 7/18/2019 | 14.0 | 1.82 | 12.1 | 17.7 | 237.8 | 165.8 | NA | NA | NA | NA | NA | NA |
| 7/19/2019 | 13.3 | 0.93 | 12.3 | 15.1 | 251.2 | 175.2 | NA | NA | NA | NA | NA | NA |
| 7/20/2019 | 13.6 | 1.39 | 12.3 | 16.5 | 264.8 | 184.8 | NA | NA | NA | NA | NA | NA |
| 7/21/2019 | 13.4 | 0.85 | 12.4 | 14.7 | 278.1 | 194.1 | NA | NA | NA | NA | NA | NA |
| 7/22/2019 | 13.2 | 0.71 | 12.3 | 14.6 | 291.3 | 203.3 | NA | NA | NA | NA | NA | NA |
| 7/23/2019 | 13.3 | 0.93 | 12.0 | 14.8 | 304.6 | 212.6 | NA | NA | NA | NA | NA | NA |
| 7/24/2019 | 13.5 | 1.18 | 12.1 | 15.7 | 318.1 | 222.1 | NA | NA | NA | NA | NA | NA |
| 7/25/2019 | 13.8 | 1.71 | 12.2 | 17.4 | 331.9 | 231.9 | NA | NA | NA | NA | NA | NA |
| 7/26/2019 | 14.0 | 1.86 | 12.3 | 18.3 | 345.9 | 241.9 | NA | NA | NA | NA | NA | NA |
| 7/27/2019 | 14.2 | 1.65 | 12.4 | 16.7 | 360.1 | 252.1 | NA | NA | NA | NA | NA | NA |
| 7/28/2019 | 13.3 | 1.07 | 12.2 | 15.2 | 373.4 | 261.4 | NA | NA | NA | NA | NA | NA |
| 7/29/2019 | 13.3 | 0.92 | 12.0 | 14.8 | 386.7 | 270.7 | NA | NA | NA | NA | NA | NA |
| 7/30/2019 | 12.9 | 0.53 | 12.0 | 13.7 | 399.6 | 279.6 | NA | NA | NA | NA | NA | NA |
| 7/31/2019 | 12.9 | 0.72 | 12.0 | 14.2 | 412.5 | 288.5 | NA | NA | NA | NA | NA | NA |

August

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/1/2019 | 12.9 | 0.64 | 12.0 | 13.9 | 12.9 | 8.9 | NA | NA | NA | NA | NA | NA |
| 8/2/2019 | 13.3 | 1.37 | 11.9 | 16.1 | 26.2 | 18.2 | NA | NA | NA | NA | NA | NA |
| 8/3/2019 | 13.6 | 1.16 | 12.4 | 16.1 | 39.8 | 27.8 | NA | NA | NA | NA | NA | NA |
| 8/4/2019 | 13.6 | 1.01 | 12.1 | 15.4 | 53.5 | 37.5 | NA | NA | NA | NA | NA | NA |
| 8/5/2019 | 14.1 | 1.26 | 12.3 | 15.9 | 67.6 | 47.6 | NA | NA | NA | NA | NA | NA |
| 8/6/2019 | 14.3 | 1.10 | 13.2 | 15.8 | 81.9 | 57.9 | NA | NA | NA | NA | NA | NA |
| 8/7/2019 | 14.3 | 0.88 | 12.9 | 15.7 | 96.2 | 68.2 | NA | NA | NA | NA | NA | NA |
| 8/8/2019 | 13.9 | 0.65 | 13.0 | 14.7 | 110.1 | 78.1 | NA | NA | NA | NA | NA | NA |
| 8/9/2019 | 13.8 | 0.52 | 13.2 | 14.6 | 123.9 | 87.9 | NA | NA | NA | NA | NA | NA |

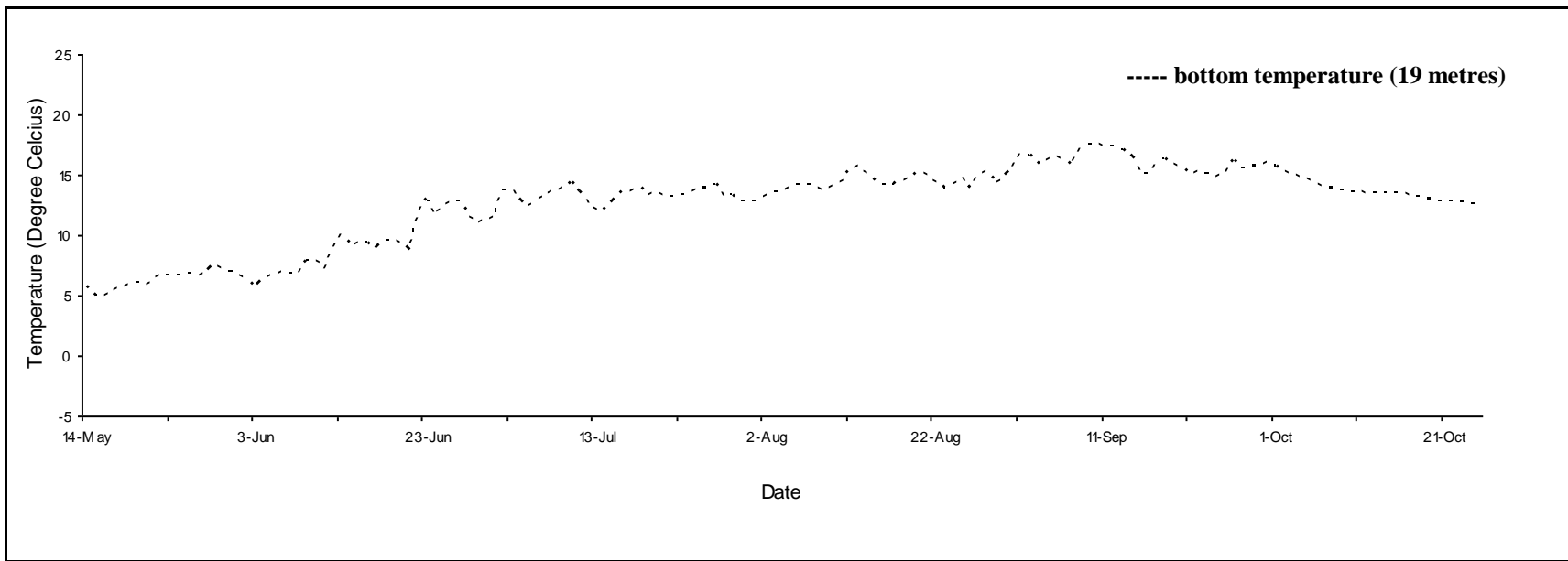
| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/10/2019 | 14.2 | 0.65 | 13.4 | 15.4 | 138.1 | 98.1 | NA | NA | NA | NA | NA | NA |
| 8/11/2019 | 14.6 | 0.71 | 13.7 | 15.8 | 152.7 | 108.7 | NA | NA | NA | NA | NA | NA |
| 8/12/2019 | 15.7 | 1.57 | 14.0 | 19.5 | 168.3 | 120.3 | NA | NA | NA | NA | NA | NA |
| 8/13/2019 | 15.7 | 1.80 | 13.7 | 19.5 | 184.0 | 132.0 | NA | NA | NA | NA | NA | NA |
| 8/14/2019 | 14.9 | 1.18 | 12.8 | 16.9 | 198.9 | 142.9 | NA | NA | NA | NA | NA | NA |
| 8/15/2019 | 14.4 | 1.16 | 12.1 | 16.7 | 213.3 | 153.3 | NA | NA | NA | NA | NA | NA |
| 8/16/2019 | 14.3 | 1.17 | 12.6 | 16.0 | 227.6 | 163.6 | NA | NA | NA | NA | NA | NA |
| 8/17/2019 | 14.2 | 0.87 | 12.6 | 15.8 | 241.8 | 173.8 | NA | NA | NA | NA | NA | NA |
| 8/18/2019 | 14.6 | 0.82 | 13.5 | 16.2 | 256.4 | 184.4 | NA | NA | NA | NA | NA | NA |
| 8/19/2019 | 14.9 | 0.52 | 14.2 | 15.6 | 271.3 | 195.3 | NA | NA | NA | NA | NA | NA |
| 8/20/2019 | 15.4 | 0.88 | 13.9 | 16.6 | 286.7 | 206.7 | NA | NA | NA | NA | NA | NA |
| 8/21/2019 | 15.0 | 1.06 | 13.5 | 16.8 | 301.7 | 217.7 | NA | NA | NA | NA | NA | NA |
| 8/22/2019 | 14.4 | 0.98 | 12.6 | 15.7 | 316.1 | 228.1 | NA | NA | NA | NA | NA | NA |
| 8/23/2019 | 13.9 | 1.15 | 12.4 | 15.7 | 329.9 | 237.9 | NA | NA | NA | NA | NA | NA |
| 8/24/2019 | 14.2 | 1.08 | 12.2 | 15.9 | 344.1 | 248.1 | NA | NA | NA | NA | NA | NA |
| 8/25/2019 | 14.9 | 0.71 | 13.7 | 16.0 | 359.0 | 259.0 | NA | NA | NA | NA | NA | NA |
| 8/26/2019 | 14.0 | 0.91 | 12.4 | 15.3 | 373.0 | 269.0 | NA | NA | NA | NA | NA | NA |
| 8/27/2019 | 15.1 | 2.19 | 13.0 | 19.0 | 388.1 | 280.1 | NA | NA | NA | NA | NA | NA |
| 8/28/2019 | 15.3 | 1.91 | 12.6 | 18.1 | 403.4 | 291.4 | NA | NA | NA | NA | NA | NA |
| 8/29/2019 | 14.2 | 1.39 | 12.5 | 16.8 | 417.6 | 301.6 | NA | NA | NA | NA | NA | NA |
| 8/30/2019 | 14.8 | 1.29 | 13.1 | 17.7 | 432.3 | 312.3 | NA | NA | NA | NA | NA | NA |
| 8/31/2019 | 15.8 | 1.65 | 13.8 | 18.6 | 448.1 | 324.1 | NA | NA | NA | NA | NA | NA |

September

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/1/2019 | 16.9 | 1.54 | 14.6 | 18.6 | 16.9 | 12.9 | NA | NA | NA | NA | NA | NA |
| 9/2/2019 | 16.7 | 1.42 | 14.8 | 18.6 | 33.5 | 25.5 | NA | NA | NA | NA | NA | NA |
| 9/3/2019 | 16.0 | 0.79 | 15.0 | 17.1 | 49.5 | 37.5 | NA | NA | NA | NA | NA | NA |
| 9/4/2019 | 16.3 | 0.71 | 15.3 | 17.2 | 65.8 | 49.8 | NA | NA | NA | NA | NA | NA |
| 9/5/2019 | 16.5 | 1.16 | 15.5 | 18.6 | 82.3 | 62.3 | NA | NA | NA | NA | NA | NA |
| 9/6/2019 | 16.4 | 1.14 | 14.8 | 18.1 | 98.7 | 74.7 | NA | NA | NA | NA | NA | NA |
| 9/7/2019 | 15.7 | 0.79 | 14.4 | 17.0 | 114.4 | 86.4 | NA | NA | NA | NA | NA | NA |
| 9/8/2019 | 17.3 | 0.57 | 15.9 | 17.7 | 131.7 | 99.7 | NA | NA | NA | NA | NA | NA |
| 9/9/2019 | 17.6 | 0.05 | 17.5 | 17.7 | 149.3 | 113.3 | NA | NA | NA | NA | NA | NA |
| 9/10/2019 | 17.6 | 0.07 | 17.5 | 17.7 | 166.9 | 126.9 | NA | NA | NA | NA | NA | NA |
| 9/11/2019 | 17.5 | 0.09 | 17.4 | 17.6 | 184.4 | 140.4 | NA | NA | NA | NA | NA | NA |
| 9/12/2019 | 17.4 | 0.06 | 17.3 | 17.5 | 201.8 | 153.8 | NA | NA | NA | NA | NA | NA |
| 9/13/2019 | 17.2 | 0.32 | 16.2 | 17.4 | 219.0 | 167.0 | NA | NA | NA | NA | NA | NA |
| 9/14/2019 | 16.6 | 0.80 | 14.8 | 17.3 | 235.6 | 179.6 | NA | NA | NA | NA | NA | NA |
| 9/15/2019 | 15.3 | 1.34 | 13.4 | 17.1 | 250.8 | 190.8 | NA | NA | NA | NA | NA | NA |
| 9/16/2019 | 15.1 | 1.20 | 13.3 | 16.7 | 265.9 | 201.9 | NA | NA | NA | NA | NA | NA |
| 9/17/2019 | 16.0 | 0.90 | 13.9 | 16.7 | 282.0 | 214.0 | NA | NA | NA | NA | NA | NA |
| 9/18/2019 | 16.4 | 0.08 | 16.3 | 16.5 | 298.4 | 226.4 | NA | NA | NA | NA | NA | NA |
| 9/19/2019 | 15.9 | 0.59 | 14.8 | 16.6 | 314.3 | 238.3 | NA | NA | NA | NA | NA | NA |
| 9/20/2019 | 15.6 | 0.72 | 14.5 | 16.3 | 329.9 | 249.9 | NA | NA | NA | NA | NA | NA |
| 9/21/2019 | 15.2 | 0.62 | 14.4 | 16.3 | 345.1 | 261.1 | NA | NA | NA | NA | NA | NA |
| 9/22/2019 | 15.3 | 0.59 | 14.4 | 16.0 | 360.3 | 272.3 | NA | NA | NA | NA | NA | NA |
| 9/23/2019 | 15.1 | 0.54 | 14.4 | 15.9 | 375.4 | 283.4 | NA | NA | NA | NA | NA | NA |
| 9/24/2019 | 14.8 | 0.48 | 14.3 | 16.1 | 390.3 | 294.3 | NA | NA | NA | NA | NA | NA |
| 9/25/2019 | 15.1 | 0.57 | 14.4 | 16.0 | 405.4 | 305.4 | NA | NA | NA | NA | NA | NA |
| 9/26/2019 | 16.3 | 0.47 | 15.1 | 16.7 | 421.6 | 317.6 | NA | NA | NA | NA | NA | NA |
| 9/27/2019 | 15.6 | 0.77 | 14.6 | 16.6 | 437.2 | 329.2 | NA | NA | NA | NA | NA | NA |
| 9/28/2019 | 15.7 | 0.57 | 14.9 | 16.5 | 452.9 | 340.9 | NA | NA | NA | NA | NA | NA |
| 9/29/2019 | 15.7 | 0.53 | 15.1 | 16.4 | 468.7 | 352.7 | NA | NA | NA | NA | NA | NA |
| 9/30/2019 | 16.1 | 0.07 | 16.0 | 16.2 | 484.8 | 364.8 | NA | NA | NA | NA | NA | NA |

October

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/1/2019 | 15.7 | 0.33 | 15.1 | 16.0 | 15.7 | 11.7 | NA | NA | NA | NA | NA | NA |
| 10/2/2019 | 15.2 | 0.37 | 14.8 | 15.6 | 30.9 | 22.9 | NA | NA | NA | NA | NA | NA |
| 10/3/2019 | 15.2 | 0.34 | 14.6 | 15.6 | 46.1 | 34.1 | NA | NA | NA | NA | NA | NA |
| 10/4/2019 | 14.9 | 0.30 | 14.4 | 15.4 | 60.9 | 44.9 | NA | NA | NA | NA | NA | NA |
| 10/5/2019 | 14.6 | 0.20 | 14.2 | 14.9 | 75.6 | 55.6 | NA | NA | NA | NA | NA | NA |
| 10/6/2019 | 14.2 | 0.15 | 14.0 | 14.4 | 89.8 | 65.8 | NA | NA | NA | NA | NA | NA |
| 10/7/2019 | 14.0 | 0.08 | 13.8 | 14.1 | 103.7 | 75.7 | NA | NA | NA | NA | NA | NA |
| 10/8/2019 | 13.9 | 0.11 | 13.8 | 14.2 | 117.6 | 85.6 | NA | NA | NA | NA | NA | NA |
| 10/9/2019 | 13.9 | 0.21 | 13.7 | 14.3 | 131.5 | 95.5 | NA | NA | NA | NA | NA | NA |
| 10/10/2019 | 13.7 | 0.17 | 13.5 | 14.0 | 145.2 | 105.2 | NA | NA | NA | NA | NA | NA |
| 10/11/2019 | 13.7 | 0.12 | 13.5 | 13.9 | 158.9 | 114.9 | NA | NA | NA | NA | NA | NA |
| 10/12/2019 | 13.5 | 0.06 | 13.4 | 13.6 | 172.4 | 124.4 | NA | NA | NA | NA | NA | NA |
| 10/13/2019 | 13.5 | 0.06 | 13.4 | 13.6 | 185.8 | 133.8 | NA | NA | NA | NA | NA | NA |
| 10/14/2019 | 13.5 | 0.04 | 13.4 | 13.5 | 199.3 | 143.3 | NA | NA | NA | NA | NA | NA |
| 10/15/2019 | 13.5 | 0.02 | 13.4 | 13.5 | 212.7 | 152.7 | NA | NA | NA | NA | NA | NA |
| 10/16/2019 | 13.4 | 0.03 | 13.4 | 13.5 | 226.1 | 162.1 | NA | NA | NA | NA | NA | NA |
| 10/17/2019 | 13.3 | 0.09 | 13.2 | 13.4 | 239.5 | 171.5 | NA | NA | NA | NA | NA | NA |
| 10/18/2019 | 13.2 | 0.05 | 13.1 | 13.3 | 252.6 | 180.6 | NA | NA | NA | NA | NA | NA |
| 10/19/2019 | 13.0 | 0.06 | 13.0 | 13.1 | 265.7 | 189.7 | NA | NA | NA | NA | NA | NA |
| 10/20/2019 | 12.9 | 0.04 | 12.8 | 13.0 | 278.6 | 198.6 | NA | NA | NA | NA | NA | NA |
| 10/21/2019 | 12.8 | 0.04 | 12.8 | 12.9 | 291.4 | 207.4 | NA | NA | NA | NA | NA | NA |
| 10/22/2019 | 12.9 | 0.03 | 12.8 | 12.9 | 304.3 | 216.3 | NA | NA | NA | NA | NA | NA |
| 10/23/2019 | 12.8 | 0.13 | 12.5 | 12.9 | 317.1 | 225.1 | NA | NA | NA | NA | NA | NA |
| 10/24/2019 | 12.5 | 0.03 | 12.5 | 12.6 | 329.6 | 233.6 | NA | NA | NA | NA | NA | NA |
| 10/25/2019 | 12.5 | 0.04 | 12.4 | 12.6 | 342.1 | 242.1 | NA | NA | NA | NA | NA | NA |



Daily mean temperature for River John, N.S., 2019.

Rustico, P.E.I.

2019

May

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 5/3/2019 | 3.4 | 0.15 | 3.2 | 3.6 | 3.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/4/2019 | 3.1 | 0.09 | 3.0 | 3.3 | 6.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/5/2019 | 3.7 | 0.62 | 3.0 | 4.5 | 10.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/6/2019 | 3.5 | 0.34 | 3.1 | 4.5 | 13.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/7/2019 | 3.0 | 0.05 | 2.9 | 3.1 | 16.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/8/2019 | 4.1 | 0.92 | 2.8 | 5.4 | 20.8 | 0.1 | NA | NA | NA | NA | NA | NA |
| 5/9/2019 | 5.8 | 0.15 | 5.6 | 6.0 | 26.6 | 1.9 | NA | NA | NA | NA | NA | NA |
| 5/10/2019 | 6.0 | 0.16 | 5.9 | 6.3 | 32.6 | 3.9 | NA | NA | NA | NA | NA | NA |
| 5/11/2019 | 5.7 | 0.15 | 5.5 | 6.0 | 38.3 | 5.6 | NA | NA | NA | NA | NA | NA |
| 5/12/2019 | 6.0 | 0.11 | 5.8 | 6.2 | 44.4 | 7.6 | NA | NA | NA | NA | NA | NA |
| 5/13/2019 | 6.1 | 0.13 | 5.9 | 6.3 | 50.4 | 9.7 | NA | NA | NA | NA | NA | NA |
| 5/14/2019 | 6.2 | 0.54 | 5.4 | 6.8 | 56.6 | 11.9 | NA | NA | NA | NA | NA | NA |
| 5/15/2019 | 5.8 | 0.30 | 5.4 | 6.4 | 62.4 | 13.7 | NA | NA | NA | NA | NA | NA |
| 5/16/2019 | 3.4 | 0.84 | 2.6 | 5.5 | 65.8 | 13.7 | NA | NA | NA | NA | NA | NA |
| 5/17/2019 | 4.6 | 0.11 | 4.5 | 4.8 | 70.5 | 14.3 | NA | NA | NA | NA | NA | NA |
| 5/18/2019 | 5.0 | 0.17 | 4.8 | 5.3 | 75.5 | 15.3 | NA | NA | NA | NA | NA | NA |
| 5/19/2019 | 5.1 | 0.17 | 4.9 | 5.4 | 80.5 | 16.4 | NA | NA | NA | NA | NA | NA |
| 5/20/2019 | 5.4 | 0.24 | 5.0 | 5.6 | 85.9 | 17.8 | NA | NA | NA | NA | NA | NA |
| 5/21/2019 | 4.9 | 0.07 | 4.8 | 5.1 | 90.8 | 18.7 | NA | NA | NA | NA | NA | NA |
| 5/22/2019 | 5.0 | 0.18 | 4.7 | 5.4 | 95.8 | 19.7 | NA | NA | NA | NA | NA | NA |
| 5/23/2019 | 5.1 | 0.17 | 4.9 | 5.4 | 100.9 | 20.8 | NA | NA | NA | NA | NA | NA |
| 5/24/2019 | 5.6 | 0.13 | 5.5 | 5.8 | 106.6 | 22.4 | NA | NA | NA | NA | NA | NA |
| 5/25/2019 | 5.4 | 0.22 | 5.1 | 5.7 | 111.9 | 23.8 | NA | NA | NA | NA | NA | NA |
| 5/26/2019 | 5.2 | 0.29 | 4.9 | 5.7 | 117.1 | 25.0 | NA | NA | NA | NA | NA | NA |
| 5/27/2019 | 4.9 | 0.03 | 4.8 | 4.9 | 122.0 | 25.9 | NA | NA | NA | NA | NA | NA |
| 5/28/2019 | 5.5 | 0.61 | 4.9 | 6.3 | 127.5 | 27.3 | NA | NA | NA | NA | NA | NA |
| 5/29/2019 | 6.0 | 0.27 | 5.6 | 6.4 | 133.5 | 29.3 | NA | NA | NA | NA | NA | NA |
| 5/30/2019 | 6.2 | 0.17 | 5.9 | 6.4 | 139.7 | 31.6 | NA | NA | NA | NA | NA | NA |
| 5/31/2019 | 5.1 | 0.62 | 4.3 | 5.8 | 144.8 | 32.7 | NA | NA | NA | NA | NA | NA |

June

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/1/2019 | 4.8 | 0.31 | 4.3 | 5.2 | 4.8 | 0.8 | NA | NA | NA | NA | NA | NA |
| 6/2/2019 | 5.8 | 0.50 | 5.2 | 6.5 | 10.5 | 2.5 | NA | NA | NA | NA | NA | NA |
| 6/3/2019 | 5.3 | 0.14 | 4.9 | 5.5 | 15.8 | 3.8 | NA | NA | NA | NA | NA | NA |
| 6/4/2019 | 5.0 | 0.36 | 4.5 | 5.6 | 20.8 | 4.8 | NA | NA | NA | NA | NA | NA |
| 6/5/2019 | 6.9 | 0.89 | 5.7 | 7.9 | 27.7 | 7.7 | NA | NA | NA | NA | NA | NA |
| 6/6/2019 | 7.7 | 0.30 | 7.2 | 8.1 | 35.4 | 11.4 | NA | NA | NA | NA | NA | NA |
| 6/7/2019 | 8.6 | 0.34 | 8.1 | 9.1 | 44.0 | 16.0 | NA | NA | NA | NA | NA | NA |
| 6/8/2019 | 9.4 | 0.62 | 8.7 | 10.3 | 53.4 | 21.4 | NA | NA | NA | NA | NA | NA |
| 6/9/2019 | 10.6 | 0.34 | 10.2 | 11.1 | 64.0 | 28.0 | NA | NA | NA | NA | NA | NA |
| 6/10/2019 | 10.8 | 0.19 | 10.6 | 11.1 | 74.9 | 34.9 | NA | NA | NA | NA | NA | NA |
| 6/11/2019 | 9.3 | 0.60 | 8.9 | 10.5 | 84.2 | 40.2 | NA | NA | NA | NA | NA | NA |
| 6/12/2019 | 10.3 | 0.95 | 8.9 | 11.5 | 94.5 | 46.5 | NA | NA | NA | NA | NA | NA |
| 6/13/2019 | 11.6 | 0.24 | 11.3 | 12.0 | 106.2 | 54.2 | NA | NA | NA | NA | NA | NA |
| 6/14/2019 | 11.0 | 1.78 | 7.6 | 12.3 | 117.1 | 61.1 | NA | NA | NA | NA | NA | NA |
| 6/15/2019 | 9.1 | 0.90 | 7.7 | 10.4 | 126.2 | 66.2 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/16/2019 | 9.7 | 0.81 | 8.7 | 10.8 | 135.9 | 71.9 | NA | NA | NA | NA | NA | NA |
| 6/17/2019 | 10.2 | 0.81 | 8.6 | 11.0 | 146.1 | 78.1 | NA | NA | NA | NA | NA | NA |
| 6/18/2019 | 12.5 | 1.14 | 10.9 | 14.2 | 158.6 | 86.6 | NA | NA | NA | NA | NA | NA |
| 6/19/2019 | 12.2 | 0.80 | 11.3 | 14.0 | 170.8 | 94.8 | NA | NA | NA | NA | NA | NA |
| 6/20/2019 | 12.3 | 0.26 | 11.9 | 12.6 | 183.1 | 103.1 | NA | NA | NA | NA | NA | NA |
| 6/21/2019 | 13.0 | 0.71 | 11.7 | 13.9 | 196.1 | 112.1 | NA | NA | NA | NA | NA | NA |
| 6/22/2019 | 13.4 | 0.18 | 13.1 | 13.7 | 209.4 | 121.4 | NA | NA | NA | NA | NA | NA |
| 6/23/2019 | 13.7 | 0.28 | 13.3 | 14.1 | 223.1 | 131.1 | NA | NA | NA | NA | NA | NA |
| 6/24/2019 | 14.0 | 0.17 | 13.9 | 14.3 | 237.2 | 141.2 | NA | NA | NA | NA | NA | NA |
| 6/25/2019 | 14.4 | 0.15 | 14.2 | 14.6 | 251.6 | 151.6 | NA | NA | NA | NA | NA | NA |
| 6/26/2019 | 14.2 | 0.26 | 13.8 | 14.5 | 265.7 | 161.7 | NA | NA | NA | NA | NA | NA |
| 6/27/2019 | 13.1 | 0.93 | 11.4 | 13.8 | 278.8 | 170.8 | NA | NA | NA | NA | NA | NA |
| 6/28/2019 | 11.1 | 0.32 | 10.6 | 11.5 | 289.9 | 177.9 | NA | NA | NA | NA | NA | NA |
| 6/29/2019 | 11.3 | 0.25 | 10.9 | 11.6 | 301.2 | 185.2 | NA | NA | NA | NA | NA | NA |
| 6/30/2019 | 12.0 | 0.32 | 11.5 | 12.4 | 313.2 | 193.2 | NA | NA | NA | NA | NA | NA |

July

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/1/2019 | 13.7 | 0.59 | 12.7 | 14.5 | 13.7 | 9.7 | NA | NA | NA | NA | NA | NA |
| 7/2/2019 | 13.7 | 0.48 | 12.2 | 14.0 | 27.4 | 19.4 | NA | NA | NA | NA | NA | NA |
| 7/3/2019 | 13.7 | 0.19 | 13.2 | 14.0 | 41.0 | 29.0 | NA | NA | NA | NA | NA | NA |
| 7/4/2019 | 13.3 | 0.29 | 12.9 | 13.7 | 54.3 | 38.3 | NA | NA | NA | NA | NA | NA |
| 7/5/2019 | 12.8 | 0.39 | 12.5 | 13.6 | 67.1 | 47.1 | NA | NA | NA | NA | NA | NA |
| 7/6/2019 | 12.4 | 0.26 | 12.2 | 13.1 | 79.6 | 55.6 | NA | NA | NA | NA | NA | NA |
| 7/7/2019 | 14.8 | 1.18 | 12.5 | 15.9 | 94.4 | 66.4 | NA | NA | NA | NA | NA | NA |
| 7/8/2019 | 15.4 | 0.34 | 14.8 | 15.9 | 109.8 | 77.8 | NA | NA | NA | NA | NA | NA |
| 7/9/2019 | 16.0 | 0.81 | 15.1 | 17.1 | 125.8 | 89.8 | NA | NA | NA | NA | NA | NA |
| 7/10/2019 | 16.8 | 0.43 | 16.0 | 17.3 | 142.7 | 102.7 | NA | NA | NA | NA | NA | NA |
| 7/11/2019 | 17.1 | 0.08 | 17.0 | 17.2 | 159.7 | 115.7 | NA | NA | NA | NA | NA | NA |
| 7/12/2019 | 15.2 | 1.10 | 14.4 | 17.1 | 175.0 | 127.0 | NA | NA | NA | NA | NA | NA |
| 7/13/2019 | 12.4 | 1.10 | 11.1 | 14.9 | 187.4 | 135.4 | NA | NA | NA | NA | NA | NA |
| 7/14/2019 | 11.7 | 0.45 | 11.1 | 12.4 | 199.1 | 143.1 | NA | NA | NA | NA | NA | NA |
| 7/15/2019 | 14.5 | 0.76 | 13.3 | 15.6 | 213.6 | 153.6 | NA | NA | NA | NA | NA | NA |
| 7/16/2019 | 16.3 | 0.75 | 15.4 | 17.1 | 229.9 | 165.9 | NA | NA | NA | NA | NA | NA |
| 7/17/2019 | 15.7 | 0.34 | 15.0 | 16.1 | 245.5 | 177.5 | NA | NA | NA | NA | NA | NA |
| 7/18/2019 | 17.0 | 0.65 | 15.8 | 17.5 | 262.5 | 190.5 | NA | NA | NA | NA | NA | NA |
| 7/19/2019 | 17.6 | 0.11 | 17.4 | 17.7 | 280.0 | 204.0 | NA | NA | NA | NA | NA | NA |
| 7/20/2019 | 17.7 | 0.48 | 17.0 | 18.2 | 297.7 | 217.7 | NA | NA | NA | NA | NA | NA |
| 7/21/2019 | 18.4 | 0.20 | 18.1 | 18.8 | 316.1 | 232.1 | NA | NA | NA | NA | NA | NA |
| 7/22/2019 | 16.9 | 0.92 | 15.5 | 18.4 | 333.0 | 245.0 | NA | NA | NA | NA | NA | NA |
| 7/23/2019 | 18.4 | 0.29 | 18.0 | 18.8 | 351.4 | 259.4 | NA | NA | NA | NA | NA | NA |
| 7/24/2019 | 17.0 | 0.87 | 16.0 | 18.7 | 368.5 | 272.5 | NA | NA | NA | NA | NA | NA |
| 7/25/2019 | 18.7 | 1.10 | 17.3 | 20.1 | 387.2 | 287.2 | NA | NA | NA | NA | NA | NA |
| 7/26/2019 | 18.9 | 0.28 | 18.6 | 19.5 | 406.1 | 302.1 | NA | NA | NA | NA | NA | NA |
| 7/27/2019 | 18.1 | 0.70 | 17.1 | 19.2 | 424.2 | 316.2 | NA | NA | NA | NA | NA | NA |
| 7/28/2019 | 18.3 | 0.30 | 17.9 | 18.6 | 442.4 | 330.4 | NA | NA | NA | NA | NA | NA |
| 7/29/2019 | 16.9 | 0.66 | 16.2 | 17.9 | 459.4 | 343.4 | NA | NA | NA | NA | NA | NA |
| 7/30/2019 | 17.7 | 0.24 | 17.4 | 18.1 | 477.1 | 357.1 | NA | NA | NA | NA | NA | NA |
| 7/31/2019 | 17.6 | 0.27 | 17.0 | 18.0 | 494.7 | 370.7 | NA | NA | NA | NA | NA | NA |

August

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/1/2019 | 19.1 | 0.56 | 18.3 | 20.0 | 19.1 | 15.1 | NA | NA | NA | NA | NA | NA |
| 8/2/2019 | 19.2 | 0.73 | 18.1 | 20.4 | 38.3 | 30.3 | NA | NA | NA | NA | NA | NA |
| 8/3/2019 | 19.9 | 1.26 | 18.6 | 21.6 | 58.2 | 46.2 | NA | NA | NA | NA | NA | NA |
| 8/4/2019 | 20.3 | 0.65 | 19.5 | 21.2 | 78.5 | 62.5 | NA | NA | NA | NA | NA | NA |
| 8/5/2019 | 21.4 | 0.27 | 20.9 | 21.6 | 99.9 | 79.9 | NA | NA | NA | NA | NA | NA |
| 8/6/2019 | 21.5 | 0.04 | 21.5 | 21.6 | 121.4 | 97.4 | NA | NA | NA | NA | NA | NA |
| 8/7/2019 | 21.1 | 0.44 | 20.0 | 21.5 | 142.4 | 114.4 | NA | NA | NA | NA | NA | NA |
| 8/8/2019 | 16.2 | 1.93 | 13.4 | 19.7 | 158.6 | 126.6 | NA | NA | NA | NA | NA | NA |
| 8/9/2019 | 12.4 | 0.73 | 11.6 | 13.6 | 171.1 | 135.1 | NA | NA | NA | NA | NA | NA |
| 8/10/2019 | 13.5 | 1.07 | 12.3 | 15.1 | 184.5 | 144.5 | NA | NA | NA | NA | NA | NA |
| 8/11/2019 | 14.6 | 1.04 | 12.3 | 15.9 | 199.1 | 155.1 | NA | NA | NA | NA | NA | NA |
| 8/12/2019 | 17.3 | 0.68 | 15.9 | 17.9 | 216.4 | 168.4 | NA | NA | NA | NA | NA | NA |
| 8/13/2019 | 18.8 | 0.68 | 17.9 | 19.8 | 235.2 | 183.2 | NA | NA | NA | NA | NA | NA |
| 8/14/2019 | 19.1 | 0.10 | 19.0 | 19.3 | 254.4 | 198.4 | NA | NA | NA | NA | NA | NA |
| 8/15/2019 | 19.3 | 0.12 | 19.1 | 19.5 | 273.6 | 213.6 | NA | NA | NA | NA | NA | NA |
| 8/16/2019 | 18.8 | 0.42 | 18.2 | 19.2 | 292.4 | 228.4 | NA | NA | NA | NA | NA | NA |
| 8/17/2019 | 17.8 | 0.35 | 17.2 | 18.2 | 310.2 | 242.2 | NA | NA | NA | NA | NA | NA |
| 8/18/2019 | 17.1 | 0.62 | 16.4 | 18.3 | 327.2 | 255.2 | NA | NA | NA | NA | NA | NA |
| 8/19/2019 | 16.2 | 0.39 | 15.7 | 16.8 | 343.4 | 267.4 | NA | NA | NA | NA | NA | NA |
| 8/20/2019 | 17.6 | 1.54 | 15.4 | 19.4 | 361.0 | 281.0 | NA | NA | NA | NA | NA | NA |
| 8/21/2019 | 19.3 | 0.39 | 18.8 | 19.9 | 380.3 | 296.3 | NA | NA | NA | NA | NA | NA |
| 8/22/2019 | 18.5 | 1.26 | 16.5 | 19.6 | 398.8 | 310.8 | NA | NA | NA | NA | NA | NA |
| 8/23/2019 | 19.3 | 0.21 | 18.9 | 19.5 | 418.0 | 326.0 | NA | NA | NA | NA | NA | NA |
| 8/24/2019 | 20.3 | 0.26 | 19.8 | 20.5 | 438.3 | 342.3 | NA | NA | NA | NA | NA | NA |
| 8/25/2019 | 19.5 | 0.34 | 19.2 | 20.1 | 457.8 | 357.8 | NA | NA | NA | NA | NA | NA |
| 8/26/2019 | 19.5 | 0.14 | 19.3 | 19.7 | 477.3 | 373.3 | NA | NA | NA | NA | NA | NA |
| 8/27/2019 | 19.4 | 0.11 | 19.3 | 19.6 | 496.7 | 388.7 | NA | NA | NA | NA | NA | NA |
| 8/28/2019 | 18.8 | 0.22 | 18.5 | 19.2 | 515.5 | 403.5 | NA | NA | NA | NA | NA | NA |
| 8/29/2019 | 18.7 | 1.27 | 15.3 | 19.6 | 534.1 | 418.1 | NA | NA | NA | NA | NA | NA |
| 8/30/2019 | 16.8 | 0.88 | 14.7 | 17.5 | 550.9 | 430.9 | NA | NA | NA | NA | NA | NA |
| 8/31/2019 | 17.8 | 0.79 | 16.7 | 19.0 | 568.8 | 444.8 | NA | NA | NA | NA | NA | NA |

September

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/1/2019 | 19.0 | 0.07 | 18.9 | 19.1 | 19.0 | 15.0 | NA | NA | NA | NA | NA | NA |
| 9/2/2019 | 18.6 | 0.52 | 17.9 | 19.2 | 37.6 | 29.6 | NA | NA | NA | NA | NA | NA |
| 9/3/2019 | 17.5 | 0.42 | 16.8 | 18.0 | 55.1 | 43.1 | NA | NA | NA | NA | NA | NA |
| 9/4/2019 | 16.7 | 1.37 | 14.6 | 18.2 | 71.8 | 55.8 | NA | NA | NA | NA | NA | NA |
| 9/5/2019 | 16.5 | 0.83 | 15.6 | 17.7 | 88.4 | 68.4 | NA | NA | NA | NA | NA | NA |
| 9/6/2019 | 17.9 | 0.31 | 17.1 | 18.2 | 106.2 | 82.2 | NA | NA | NA | NA | NA | NA |
| 9/7/2019 | 17.9 | 0.32 | 17.3 | 18.3 | 124.1 | 96.1 | NA | NA | NA | NA | NA | NA |
| 9/8/2019 | 16.1 | 0.51 | 15.6 | 17.1 | 140.3 | 108.3 | NA | NA | NA | NA | NA | NA |
| 9/9/2019 | 15.6 | 0.10 | 15.5 | 15.9 | 155.9 | 119.9 | NA | NA | NA | NA | NA | NA |
| 9/10/2019 | 16.0 | 0.19 | 15.8 | 16.2 | 171.9 | 131.9 | NA | NA | NA | NA | NA | NA |
| 9/11/2019 | 16.0 | 0.08 | 15.9 | 16.1 | 187.9 | 143.9 | NA | NA | NA | NA | NA | NA |
| 9/12/2019 | 15.9 | 0.07 | 15.8 | 16.0 | 203.8 | 155.8 | NA | NA | NA | NA | NA | NA |
| 9/13/2019 | 15.9 | 0.05 | 15.8 | 16.0 | 219.7 | 167.7 | NA | NA | NA | NA | NA | NA |
| 9/14/2019 | 15.4 | 0.35 | 15.0 | 15.9 | 235.1 | 179.1 | NA | NA | NA | NA | NA | NA |
| 9/15/2019 | 14.8 | 0.21 | 14.6 | 15.3 | 250.0 | 190.0 | NA | NA | NA | NA | NA | NA |
| 9/16/2019 | 15.3 | 0.26 | 14.9 | 15.7 | 265.3 | 201.3 | NA | NA | NA | NA | NA | NA |
| 9/17/2019 | 15.3 | 0.14 | 15.1 | 15.6 | 280.6 | 212.6 | NA | NA | NA | NA | NA | NA |
| 9/18/2019 | 15.0 | 0.06 | 14.9 | 15.1 | 295.6 | 223.6 | NA | NA | NA | NA | NA | NA |
| 9/19/2019 | 14.8 | 0.07 | 14.8 | 15.0 | 310.4 | 234.4 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/20/2019 | 14.8 | 0.05 | 14.7 | 14.8 | 325.1 | 245.1 | NA | NA | NA | NA | NA | NA |
| 9/21/2019 | 15.1 | 0.20 | 14.7 | 15.4 | 340.3 | 256.3 | NA | NA | NA | NA | NA | NA |
| 9/22/2019 | 15.1 | 0.19 | 14.8 | 15.3 | 355.4 | 267.4 | NA | NA | NA | NA | NA | NA |
| 9/23/2019 | 14.7 | 0.05 | 14.6 | 14.8 | 370.1 | 278.1 | NA | NA | NA | NA | NA | NA |
| 9/24/2019 | 15.0 | 0.18 | 14.8 | 15.2 | 385.2 | 289.2 | NA | NA | NA | NA | NA | NA |
| 9/25/2019 | 13.7 | 0.54 | 13.2 | 15.1 | 398.9 | 298.9 | NA | NA | NA | NA | NA | NA |
| 9/26/2019 | 14.1 | 0.09 | 14.0 | 14.2 | 412.9 | 308.9 | NA | NA | NA | NA | NA | NA |
| 9/27/2019 | 14.5 | 0.24 | 14.2 | 14.9 | 427.5 | 319.5 | NA | NA | NA | NA | NA | NA |
| 9/28/2019 | 14.7 | 0.01 | 14.7 | 14.7 | 442.2 | 330.2 | NA | NA | NA | NA | NA | NA |
| 9/29/2019 | 14.7 | 0.05 | 14.7 | 14.8 | 456.9 | 340.9 | NA | NA | NA | NA | NA | NA |
| 9/30/2019 | 14.3 | 0.16 | 14.2 | 14.6 | 471.2 | 351.2 | NA | NA | NA | NA | NA | NA |

October

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/1/2019 | 14.0 | 0.08 | 13.9 | 14.1 | 14.0 | 10.0 | NA | NA | NA | NA | NA | NA |
| 10/2/2019 | 13.9 | 0.11 | 13.7 | 14.0 | 27.9 | 19.9 | NA | NA | NA | NA | NA | NA |
| 10/3/2019 | 13.2 | 0.32 | 12.4 | 13.6 | 41.1 | 29.1 | NA | NA | NA | NA | NA | NA |
| 10/4/2019 | 12.4 | 0.20 | 12.1 | 12.7 | 53.5 | 37.5 | NA | NA | NA | NA | NA | NA |
| 10/5/2019 | 12.1 | 0.24 | 11.9 | 12.6 | 65.6 | 45.6 | NA | NA | NA | NA | NA | NA |
| 10/6/2019 | 12.0 | 0.20 | 11.7 | 12.4 | 77.6 | 53.6 | NA | NA | NA | NA | NA | NA |
| 10/7/2019 | 12.6 | 0.12 | 12.2 | 12.7 | 90.2 | 62.2 | NA | NA | NA | NA | NA | NA |
| 10/8/2019 | 12.6 | 0.10 | 12.4 | 12.7 | 102.8 | 70.8 | NA | NA | NA | NA | NA | NA |
| 10/9/2019 | 12.6 | 0.06 | 12.5 | 12.7 | 115.3 | 79.3 | NA | NA | NA | NA | NA | NA |
| 10/10/2019 | 12.4 | 0.05 | 12.3 | 12.5 | 127.8 | 87.8 | NA | NA | NA | NA | NA | NA |
| 10/11/2019 | 12.5 | 0.11 | 12.3 | 12.6 | 140.2 | 96.2 | NA | NA | NA | NA | NA | NA |
| 10/12/2019 | 12.3 | 0.09 | 12.3 | 12.5 | 152.6 | 104.6 | NA | NA | NA | NA | NA | NA |
| 10/13/2019 | 12.1 | 0.07 | 12.1 | 12.2 | 164.7 | 112.7 | NA | NA | NA | NA | NA | NA |
| 10/14/2019 | 12.1 | 0.01 | 12.0 | 12.1 | 176.8 | 120.8 | NA | NA | NA | NA | NA | NA |
| 10/15/2019 | 12.0 | 0.03 | 12.0 | 12.1 | 188.8 | 128.8 | NA | NA | NA | NA | NA | NA |
| 10/16/2019 | 12.1 | 0.02 | 12.1 | 12.1 | 200.9 | 136.9 | NA | NA | NA | NA | NA | NA |
| 10/17/2019 | 11.9 | 0.10 | 11.8 | 12.1 | 212.8 | 144.8 | NA | NA | NA | NA | NA | NA |
| 10/18/2019 | 11.5 | 0.19 | 11.2 | 11.8 | 224.2 | 152.2 | NA | NA | NA | NA | NA | NA |
| 10/19/2019 | 11.4 | 0.05 | 11.3 | 11.5 | 235.6 | 159.6 | NA | NA | NA | NA | NA | NA |
| 10/20/2019 | 11.1 | 0.07 | 11.0 | 11.2 | 246.7 | 166.7 | NA | NA | NA | NA | NA | NA |
| 10/21/2019 | 11.0 | 0.02 | 11.0 | 11.1 | 257.7 | 173.7 | NA | NA | NA | NA | NA | NA |
| 10/22/2019 | 11.2 | 0.12 | 11.1 | 11.4 | 268.9 | 180.9 | NA | NA | NA | NA | NA | NA |
| 10/23/2019 | 11.1 | 0.09 | 10.9 | 11.3 | 280.1 | 188.1 | NA | NA | NA | NA | NA | NA |
| 10/24/2019 | 10.6 | 0.30 | 10.3 | 11.2 | 290.7 | 194.7 | NA | NA | NA | NA | NA | NA |
| 10/25/2019 | 10.8 | 0.05 | 10.8 | 10.9 | 301.6 | 201.6 | NA | NA | NA | NA | NA | NA |
| 10/26/2019 | 10.8 | 0.08 | 10.6 | 10.9 | 312.3 | 208.3 | NA | NA | NA | NA | NA | NA |
| 10/27/2019 | 10.5 | 0.04 | 10.4 | 10.6 | 322.8 | 214.8 | NA | NA | NA | NA | NA | NA |
| 10/28/2019 | 10.4 | 0.11 | 10.3 | 10.5 | 333.2 | 221.2 | NA | NA | NA | NA | NA | NA |
| 10/29/2019 | 10.3 | 0.02 | 10.3 | 10.3 | 343.5 | 227.5 | NA | NA | NA | NA | NA | NA |
| 10/30/2019 | 10.5 | 0.10 | 10.3 | 10.6 | 354.0 | 234.0 | NA | NA | NA | NA | NA | NA |
| 10/31/2019 | 10.6 | 0.03 | 10.5 | 10.6 | 364.6 | 240.6 | NA | NA | NA | NA | NA | NA |

November

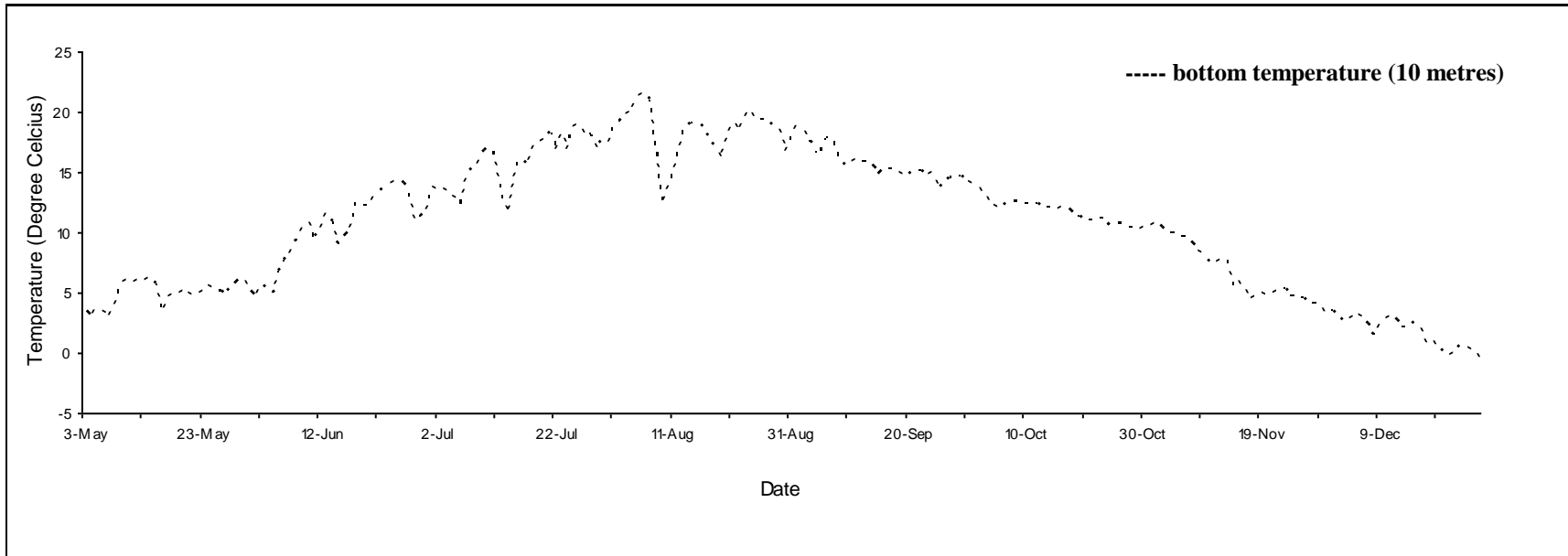
| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 11/1/2019 | 10.9 | 0.14 | 10.7 | 11.1 | 10.9 | 6.9 | NA | NA | NA | NA | NA | NA |
| 11/2/2019 | 10.5 | 0.16 | 10.3 | 10.8 | 21.3 | 13.3 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 11/3/2019 | 10.2 | 0.08 | 10.1 | 10.4 | 31.5 | 19.5 | NA | NA | NA | NA | NA | NA |
| 11/4/2019 | 9.9 | 0.11 | 9.8 | 10.1 | 41.4 | 25.4 | NA | NA | NA | NA | NA | NA |
| 11/5/2019 | 9.7 | 0.03 | 9.7 | 9.8 | 51.2 | 31.2 | NA | NA | NA | NA | NA | NA |
| 11/6/2019 | 9.7 | 0.09 | 9.5 | 9.8 | 60.9 | 36.9 | NA | NA | NA | NA | NA | NA |
| 11/7/2019 | 9.2 | 0.09 | 9.1 | 9.4 | 70.1 | 42.1 | NA | NA | NA | NA | NA | NA |
| 11/8/2019 | 8.8 | 0.39 | 8.1 | 9.3 | 78.8 | 46.8 | NA | NA | NA | NA | NA | NA |
| 11/9/2019 | 8.0 | 0.32 | 7.6 | 8.6 | 86.9 | 50.9 | NA | NA | NA | NA | NA | NA |
| 11/10/2019 | 7.6 | 0.13 | 7.5 | 8.0 | 94.5 | 54.5 | NA | NA | NA | NA | NA | NA |
| 11/11/2019 | 7.6 | 0.22 | 7.3 | 8.0 | 102.1 | 58.1 | NA | NA | NA | NA | NA | NA |
| 11/12/2019 | 7.7 | 0.23 | 7.4 | 8.3 | 109.8 | 61.8 | NA | NA | NA | NA | NA | NA |
| 11/13/2019 | 7.7 | 0.62 | 6.6 | 8.3 | 117.6 | 65.6 | NA | NA | NA | NA | NA | NA |
| 11/14/2019 | 5.7 | 0.47 | 5.0 | 6.4 | 123.2 | 67.2 | NA | NA | NA | NA | NA | NA |
| 11/15/2019 | 6.0 | 0.33 | 5.2 | 6.4 | 129.2 | 69.2 | NA | NA | NA | NA | NA | NA |
| 11/16/2019 | 5.4 | 0.63 | 4.5 | 6.5 | 134.7 | 70.7 | NA | NA | NA | NA | NA | NA |
| 11/17/2019 | 4.5 | 0.20 | 4.2 | 4.7 | 139.1 | 71.1 | NA | NA | NA | NA | NA | NA |
| 11/18/2019 | 4.8 | 0.13 | 4.6 | 5.0 | 144.0 | 72.0 | NA | NA | NA | NA | NA | NA |
| 11/19/2019 | 4.9 | 0.18 | 4.6 | 5.1 | 148.9 | 72.9 | NA | NA | NA | NA | NA | NA |
| 11/20/2019 | 4.8 | 0.03 | 4.8 | 4.9 | 153.7 | 73.7 | NA | NA | NA | NA | NA | NA |
| 11/21/2019 | 5.0 | 0.13 | 4.8 | 5.2 | 158.7 | 74.7 | NA | NA | NA | NA | NA | NA |
| 11/22/2019 | 5.2 | 0.18 | 4.9 | 5.4 | 163.9 | 75.9 | NA | NA | NA | NA | NA | NA |
| 11/23/2019 | 5.2 | 0.29 | 4.6 | 5.6 | 169.1 | 77.1 | NA | NA | NA | NA | NA | NA |
| 11/24/2019 | 4.7 | 0.18 | 4.5 | 4.9 | 173.8 | 77.8 | NA | NA | NA | NA | NA | NA |
| 11/25/2019 | 4.8 | 0.10 | 4.6 | 5.0 | 178.6 | 78.6 | NA | NA | NA | NA | NA | NA |
| 11/26/2019 | 4.5 | 0.09 | 4.4 | 4.7 | 183.1 | 79.1 | NA | NA | NA | NA | NA | NA |
| 11/27/2019 | 4.2 | 0.10 | 4.1 | 4.4 | 187.4 | 79.4 | NA | NA | NA | NA | NA | NA |
| 11/28/2019 | 4.1 | 0.05 | 4.0 | 4.2 | 191.5 | 79.5 | NA | NA | NA | NA | NA | NA |
| 11/29/2019 | 4.1 | 0.29 | 3.7 | 4.6 | 195.6 | 79.6 | NA | NA | NA | NA | NA | NA |
| 11/30/2019 | 3.3 | 0.28 | 2.9 | 3.7 | 198.9 | 79.6 | NA | NA | NA | NA | NA | NA |

December

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 12/1/2019 | 3.5 | 0.17 | 3.2 | 3.7 | 3.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/2/2019 | 3.2 | 0.14 | 2.8 | 3.3 | 6.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/3/2019 | 2.6 | 0.13 | 2.5 | 2.8 | 9.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/4/2019 | 2.9 | 0.29 | 2.5 | 3.3 | 12.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/5/2019 | 3.3 | 0.06 | 3.2 | 3.3 | 15.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/6/2019 | 3.0 | 0.31 | 2.6 | 3.3 | 18.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/7/2019 | 2.4 | 0.26 | 1.8 | 2.6 | 20.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/8/2019 | 1.6 | 0.21 | 1.3 | 1.9 | 22.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/9/2019 | 2.4 | 0.35 | 1.8 | 2.7 | 24.9 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/10/2019 | 2.8 | 0.28 | 2.3 | 3.0 | 27.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/11/2019 | 3.2 | 0.08 | 3.1 | 3.3 | 30.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/12/2019 | 2.7 | 0.55 | 1.8 | 3.2 | 33.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/13/2019 | 2.1 | 0.22 | 1.8 | 2.3 | 35.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/14/2019 | 2.2 | 0.06 | 2.1 | 2.3 | 37.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/15/2019 | 2.6 | 0.19 | 2.3 | 2.8 | 40.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/16/2019 | 2.2 | 0.53 | 1.2 | 2.8 | 42.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/17/2019 | 1.0 | 0.22 | 0.5 | 1.1 | 43.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/18/2019 | 1.0 | 0.13 | 0.8 | 1.1 | 44.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/19/2019 | 0.5 | 0.38 | -0.1 | 1.0 | 45.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/20/2019 | 0.0 | 0.17 | -0.2 | 0.4 | 45.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/21/2019 | -0.2 | 0.11 | -0.4 | -0.1 | 45.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/22/2019 | 0.0 | 0.32 | -0.4 | 0.6 | 45.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/23/2019 | 0.7 | 0.10 | 0.6 | 0.9 | 45.9 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/24/2019 | 0.5 | 0.12 | 0.3 | 0.7 | 46.4 | 0.0 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 12/25/2019 | 0.2 | 0.25 | -0.1 | 0.6 | 46.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/26/2019 | -0.4 | 0.29 | -0.8 | 0.0 | 46.6 | 0.0 | NA | NA | NA | NA | NA | NA |



Daily mean temperature for Rustico, P.E.I., 2019.

Shediac, N.B.

2019

May

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 5/7/2019 | 4.8 | 0.79 | 4.1 | 6.5 | 4.8 | 0.8 | NA | NA | NA | NA | NA | NA |
| 5/8/2019 | 4.2 | 0.13 | 4.1 | 4.5 | 9.0 | 1.0 | NA | NA | NA | NA | NA | NA |
| 5/9/2019 | 5.2 | 0.80 | 4.3 | 6.2 | 14.2 | 2.2 | NA | NA | NA | NA | NA | NA |
| 5/10/2019 | 6.0 | 0.16 | 5.7 | 6.2 | 20.2 | 4.2 | NA | NA | NA | NA | NA | NA |
| 5/11/2019 | 5.7 | 0.11 | 5.6 | 5.9 | 25.9 | 5.9 | NA | NA | NA | NA | NA | NA |
| 5/12/2019 | 6.2 | 0.43 | 5.6 | 6.9 | 32.1 | 8.1 | NA | NA | NA | NA | NA | NA |
| 5/13/2019 | 6.9 | 0.15 | 6.8 | 7.2 | 39.1 | 11.1 | NA | NA | NA | NA | NA | NA |
| 5/14/2019 | 7.4 | 0.20 | 7.1 | 7.8 | 46.5 | 14.5 | NA | NA | NA | NA | NA | NA |
| 5/15/2019 | 7.3 | 0.19 | 7.0 | 7.6 | 53.8 | 17.8 | NA | NA | NA | NA | NA | NA |
| 5/16/2019 | 6.9 | 0.15 | 6.7 | 7.0 | 60.6 | 20.6 | NA | NA | NA | NA | NA | NA |
| 5/17/2019 | 7.0 | 0.03 | 7.0 | 7.1 | 67.6 | 23.6 | NA | NA | NA | NA | NA | NA |
| 5/18/2019 | 7.5 | 0.10 | 7.3 | 7.6 | 75.1 | 27.1 | NA | NA | NA | NA | NA | NA |
| 5/19/2019 | 7.5 | 0.09 | 7.4 | 7.6 | 82.6 | 30.6 | NA | NA | NA | NA | NA | NA |
| 5/20/2019 | 7.6 | 0.06 | 7.5 | 7.7 | 90.2 | 34.2 | NA | NA | NA | NA | NA | NA |
| 5/21/2019 | 7.9 | 0.08 | 7.7 | 8.0 | 98.1 | 38.1 | NA | NA | NA | NA | NA | NA |
| 5/22/2019 | 7.7 | 0.16 | 7.4 | 8.1 | 105.8 | 41.8 | NA | NA | NA | NA | NA | NA |
| 5/23/2019 | 7.4 | 0.11 | 7.3 | 7.7 | 113.2 | 45.2 | NA | NA | NA | NA | NA | NA |
| 5/24/2019 | 7.5 | 0.12 | 7.3 | 7.6 | 120.7 | 48.7 | NA | NA | NA | NA | NA | NA |
| 5/25/2019 | 7.4 | 0.18 | 7.2 | 7.9 | 128.1 | 52.1 | NA | NA | NA | NA | NA | NA |
| 5/26/2019 | 7.1 | 0.11 | 6.9 | 7.2 | 135.2 | 55.2 | NA | NA | NA | NA | NA | NA |
| 5/27/2019 | 6.7 | 0.05 | 6.6 | 6.8 | 141.9 | 57.9 | NA | NA | NA | NA | NA | NA |
| 5/28/2019 | 7.1 | 0.35 | 6.7 | 7.5 | 149.0 | 61.0 | NA | NA | NA | NA | NA | NA |
| 5/29/2019 | 7.4 | 0.08 | 7.3 | 7.5 | 156.4 | 64.4 | NA | NA | NA | NA | NA | NA |
| 5/30/2019 | 7.4 | 0.11 | 7.1 | 7.5 | 163.8 | 67.8 | NA | NA | NA | NA | NA | NA |
| 5/31/2019 | 6.9 | 0.03 | 6.9 | 7.0 | 170.7 | 70.7 | NA | NA | NA | NA | NA | NA |

June

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/1/2019 | 7.2 | 0.23 | 7.0 | 7.6 | 7.2 | 3.2 | NA | NA | NA | NA | NA | NA |
| 6/2/2019 | 8.1 | 0.81 | 7.4 | 9.4 | 15.4 | 7.4 | NA | NA | NA | NA | NA | NA |
| 6/3/2019 | 8.7 | 0.19 | 8.4 | 9.0 | 24.0 | 12.0 | NA | NA | NA | NA | NA | NA |
| 6/4/2019 | 8.8 | 0.19 | 8.6 | 9.1 | 32.8 | 16.8 | NA | NA | NA | NA | NA | NA |
| 6/5/2019 | 9.1 | 0.06 | 9.0 | 9.2 | 41.9 | 21.9 | NA | NA | NA | NA | NA | NA |
| 6/6/2019 | 9.2 | 0.18 | 9.0 | 9.5 | 51.1 | 27.1 | NA | NA | NA | NA | NA | NA |
| 6/7/2019 | 9.7 | 0.29 | 9.3 | 10.3 | 60.7 | 32.7 | NA | NA | NA | NA | NA | NA |
| 6/8/2019 | 10.6 | 0.53 | 9.9 | 11.3 | 71.4 | 39.4 | NA | NA | NA | NA | NA | NA |
| 6/9/2019 | 11.2 | 0.25 | 10.8 | 11.8 | 82.6 | 46.6 | NA | NA | NA | NA | NA | NA |
| 6/10/2019 | 12.2 | 0.24 | 11.7 | 12.4 | 94.7 | 54.7 | NA | NA | NA | NA | NA | NA |
| 6/11/2019 | 11.5 | 0.25 | 11.2 | 11.9 | 106.2 | 62.2 | NA | NA | NA | NA | NA | NA |
| 6/12/2019 | 12.0 | 0.49 | 11.4 | 12.6 | 118.2 | 70.2 | NA | NA | NA | NA | NA | NA |
| 6/13/2019 | 12.2 | 0.24 | 11.9 | 12.7 | 130.4 | 78.4 | NA | NA | NA | NA | NA | NA |
| 6/14/2019 | 12.1 | 0.30 | 11.6 | 12.6 | 142.5 | 86.5 | NA | NA | NA | NA | NA | NA |
| 6/15/2019 | 11.4 | 0.11 | 11.2 | 11.6 | 153.9 | 93.9 | NA | NA | NA | NA | NA | NA |
| 6/16/2019 | 11.3 | 0.07 | 11.3 | 11.5 | 165.3 | 101.3 | NA | NA | NA | NA | NA | NA |
| 6/17/2019 | 11.8 | 0.31 | 11.4 | 12.5 | 177.0 | 109.0 | NA | NA | NA | NA | NA | NA |
| 6/18/2019 | 12.6 | 0.40 | 12.2 | 13.4 | 189.6 | 117.6 | NA | NA | NA | NA | NA | NA |
| 6/19/2019 | 12.7 | 0.21 | 12.4 | 13.2 | 202.3 | 126.3 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/20/2019 | 12.8 | 0.05 | 12.7 | 12.9 | 215.1 | 135.1 | NA | NA | NA | NA | NA | NA |
| 6/21/2019 | 13.5 | 0.71 | 12.7 | 14.8 | 228.6 | 144.6 | NA | NA | NA | NA | NA | NA |
| 6/22/2019 | 15.4 | 0.28 | 15.0 | 15.7 | 244.0 | 156.0 | NA | NA | NA | NA | NA | NA |
| 6/23/2019 | 15.3 | 0.37 | 14.9 | 15.9 | 259.3 | 167.3 | NA | NA | NA | NA | NA | NA |
| 6/24/2019 | 15.7 | 0.07 | 15.5 | 15.8 | 275.0 | 179.0 | NA | NA | NA | NA | NA | NA |
| 6/25/2019 | 15.9 | 0.13 | 15.8 | 16.2 | 290.9 | 190.9 | NA | NA | NA | NA | NA | NA |
| 6/26/2019 | 15.8 | 0.45 | 15.1 | 16.4 | 306.7 | 202.7 | NA | NA | NA | NA | NA | NA |
| 6/27/2019 | 15.3 | 0.14 | 15.1 | 15.6 | 321.9 | 213.9 | NA | NA | NA | NA | NA | NA |
| 6/28/2019 | 14.9 | 0.10 | 14.8 | 15.0 | 336.8 | 224.8 | NA | NA | NA | NA | NA | NA |
| 6/29/2019 | 15.1 | 0.06 | 14.9 | 15.1 | 351.9 | 235.9 | NA | NA | NA | NA | NA | NA |
| 6/30/2019 | 15.5 | 0.31 | 15.1 | 16.0 | 367.4 | 247.4 | NA | NA | NA | NA | NA | NA |

July

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/1/2019 | 15.6 | 0.12 | 15.5 | 15.9 | 15.6 | 11.6 | NA | NA | NA | NA | NA | NA |
| 7/2/2019 | 15.4 | 0.10 | 15.3 | 15.6 | 31.0 | 23.0 | NA | NA | NA | NA | NA | NA |
| 7/3/2019 | 15.8 | 0.10 | 15.6 | 15.9 | 46.8 | 34.8 | NA | NA | NA | NA | NA | NA |
| 7/4/2019 | 15.5 | 0.12 | 15.4 | 15.8 | 62.4 | 46.4 | NA | NA | NA | NA | NA | NA |
| 7/5/2019 | 15.5 | 0.10 | 15.4 | 15.7 | 77.9 | 57.9 | NA | NA | NA | NA | NA | NA |
| 7/6/2019 | 15.7 | 0.17 | 15.4 | 15.9 | 93.5 | 69.5 | NA | NA | NA | NA | NA | NA |
| 7/7/2019 | 16.1 | 0.16 | 15.9 | 16.4 | 109.7 | 81.7 | NA | NA | NA | NA | NA | NA |
| 7/8/2019 | 16.5 | 0.17 | 16.3 | 16.9 | 126.2 | 94.2 | NA | NA | NA | NA | NA | NA |
| 7/9/2019 | 16.9 | 0.21 | 16.6 | 17.3 | 143.1 | 107.1 | NA | NA | NA | NA | NA | NA |
| 7/10/2019 | 17.9 | 0.44 | 17.2 | 18.4 | 161.0 | 121.0 | NA | NA | NA | NA | NA | NA |
| 7/11/2019 | 18.5 | 0.17 | 18.3 | 18.9 | 179.5 | 135.5 | NA | NA | NA | NA | NA | NA |
| 7/12/2019 | 18.7 | 0.21 | 18.4 | 18.9 | 198.2 | 150.2 | NA | NA | NA | NA | NA | NA |
| 7/13/2019 | 17.5 | 0.57 | 16.9 | 18.5 | 215.7 | 163.7 | NA | NA | NA | NA | NA | NA |
| 7/14/2019 | 16.8 | 0.14 | 16.6 | 17.1 | 232.5 | 176.5 | NA | NA | NA | NA | NA | NA |
| 7/15/2019 | 16.8 | 0.17 | 16.7 | 17.1 | 249.3 | 189.3 | NA | NA | NA | NA | NA | NA |
| 7/16/2019 | 17.2 | 0.16 | 17.0 | 17.5 | 266.5 | 202.5 | NA | NA | NA | NA | NA | NA |
| 7/17/2019 | 17.5 | 0.07 | 17.4 | 17.7 | 284.1 | 216.1 | NA | NA | NA | NA | NA | NA |
| 7/18/2019 | 17.8 | 0.21 | 17.6 | 18.1 | 301.9 | 229.9 | NA | NA | NA | NA | NA | NA |
| 7/19/2019 | 17.9 | 0.11 | 17.8 | 18.1 | 319.8 | 243.8 | NA | NA | NA | NA | NA | NA |
| 7/20/2019 | 17.8 | 0.11 | 17.7 | 18.0 | 337.6 | 257.6 | NA | NA | NA | NA | NA | NA |
| 7/21/2019 | 18.1 | 0.23 | 17.8 | 18.6 | 355.7 | 271.7 | NA | NA | NA | NA | NA | NA |
| 7/22/2019 | 18.4 | 0.06 | 18.3 | 18.5 | 374.1 | 286.1 | NA | NA | NA | NA | NA | NA |
| 7/23/2019 | 18.4 | 0.07 | 18.3 | 18.5 | 392.5 | 300.5 | NA | NA | NA | NA | NA | NA |
| 7/24/2019 | 18.3 | 0.05 | 18.3 | 18.5 | 410.8 | 314.8 | NA | NA | NA | NA | NA | NA |
| 7/25/2019 | 18.5 | 0.26 | 18.2 | 19.1 | 429.3 | 329.3 | NA | NA | NA | NA | NA | NA |
| 7/26/2019 | 18.8 | 0.08 | 18.7 | 19.0 | 448.2 | 344.2 | NA | NA | NA | NA | NA | NA |
| 7/27/2019 | 18.1 | 0.50 | 17.4 | 18.7 | 466.2 | 358.2 | NA | NA | NA | NA | NA | NA |
| 7/28/2019 | 17.3 | 0.15 | 17.1 | 17.5 | 483.5 | 371.5 | NA | NA | NA | NA | NA | NA |
| 7/29/2019 | 17.1 | 0.05 | 17.0 | 17.1 | 500.6 | 384.6 | NA | NA | NA | NA | NA | NA |
| 7/30/2019 | 17.5 | 0.14 | 17.2 | 17.7 | 518.1 | 398.1 | NA | NA | NA | NA | NA | NA |
| 7/31/2019 | 17.6 | 0.08 | 17.5 | 17.7 | 535.7 | 411.7 | NA | NA | NA | NA | NA | NA |

August

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/1/2019 | 17.6 | 0.17 | 17.4 | 17.9 | 17.6 | 13.6 | NA | NA | NA | NA | NA | NA |
| 8/2/2019 | 17.5 | 0.10 | 17.4 | 17.7 | 35.1 | 27.1 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/3/2019 | 18.0 | 0.22 | 17.5 | 18.2 | 53.1 | 41.1 | NA | NA | NA | NA | NA | NA |
| 8/4/2019 | 18.3 | 0.29 | 18.0 | 18.7 | 71.3 | 55.3 | NA | NA | NA | NA | NA | NA |
| 8/5/2019 | 18.3 | 0.11 | 18.1 | 18.5 | 89.6 | 69.6 | NA | NA | NA | NA | NA | NA |
| 8/6/2019 | 18.3 | 0.12 | 18.2 | 18.5 | 107.9 | 83.9 | NA | NA | NA | NA | NA | NA |
| 8/7/2019 | 18.3 | 0.12 | 18.2 | 18.5 | 126.2 | 98.2 | NA | NA | NA | NA | NA | NA |
| 8/8/2019 | 18.4 | 0.06 | 18.3 | 18.5 | 144.6 | 112.6 | NA | NA | NA | NA | NA | NA |
| 8/9/2019 | 18.3 | 0.08 | 18.2 | 18.4 | 162.9 | 126.9 | NA | NA | NA | NA | NA | NA |
| 8/10/2019 | 18.7 | 0.23 | 18.4 | 19.0 | 181.6 | 141.6 | NA | NA | NA | NA | NA | NA |
| 8/11/2019 | 19.1 | 0.05 | 19.0 | 19.2 | 200.7 | 156.7 | NA | NA | NA | NA | NA | NA |
| 8/12/2019 | 19.2 | 0.14 | 19.0 | 19.4 | 219.9 | 171.9 | NA | NA | NA | NA | NA | NA |
| 8/13/2019 | 19.0 | 0.06 | 18.9 | 19.1 | 238.9 | 186.9 | NA | NA | NA | NA | NA | NA |
| 8/14/2019 | 18.9 | 0.05 | 18.8 | 19.0 | 257.8 | 201.8 | NA | NA | NA | NA | NA | NA |
| 8/15/2019 | 18.9 | 0.09 | 18.8 | 19.0 | 276.7 | 216.7 | NA | NA | NA | NA | NA | NA |
| 8/16/2019 | 18.9 | 0.08 | 18.8 | 19.0 | 295.6 | 231.6 | NA | NA | NA | NA | NA | NA |
| 8/17/2019 | 18.9 | 0.03 | 18.8 | 18.9 | 314.5 | 246.5 | NA | NA | NA | NA | NA | NA |
| 8/18/2019 | 19.0 | 0.09 | 18.9 | 19.1 | 333.4 | 261.4 | NA | NA | NA | NA | NA | NA |
| 8/19/2019 | 18.9 | 0.11 | 18.7 | 19.1 | 352.4 | 276.4 | NA | NA | NA | NA | NA | NA |
| 8/20/2019 | 18.7 | 0.22 | 18.5 | 19.2 | 371.1 | 291.1 | NA | NA | NA | NA | NA | NA |
| 8/21/2019 | 18.2 | 0.30 | 17.8 | 18.7 | 389.3 | 305.3 | NA | NA | NA | NA | NA | NA |
| 8/22/2019 | 18.0 | 0.14 | 17.9 | 18.3 | 407.3 | 319.3 | NA | NA | NA | NA | NA | NA |
| 8/23/2019 | 18.2 | 0.06 | 18.1 | 18.3 | 425.5 | 333.5 | NA | NA | NA | NA | NA | NA |
| 8/24/2019 | 18.6 | 0.39 | 18.1 | 19.0 | 444.1 | 348.1 | NA | NA | NA | NA | NA | NA |
| 8/25/2019 | 18.7 | 0.08 | 18.6 | 18.8 | 462.8 | 362.8 | NA | NA | NA | NA | NA | NA |
| 8/26/2019 | 19.0 | 0.13 | 18.8 | 19.2 | 481.8 | 377.8 | NA | NA | NA | NA | NA | NA |
| 8/27/2019 | 18.8 | 0.07 | 18.7 | 18.9 | 500.6 | 392.6 | NA | NA | NA | NA | NA | NA |
| 8/28/2019 | 18.6 | 0.05 | 18.5 | 18.7 | 519.2 | 407.2 | NA | NA | NA | NA | NA | NA |
| 8/29/2019 | 18.5 | 0.03 | 18.5 | 18.6 | 537.7 | 421.7 | NA | NA | NA | NA | NA | NA |
| 8/30/2019 | 18.6 | 0.07 | 18.5 | 18.6 | 556.3 | 436.3 | NA | NA | NA | NA | NA | NA |
| 8/31/2019 | 18.9 | 0.28 | 18.5 | 19.3 | 575.2 | 451.2 | NA | NA | NA | NA | NA | NA |

September

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/1/2019 | 18.9 | 0.10 | 18.8 | 19.1 | 18.9 | 14.9 | NA | NA | NA | NA | NA | NA |
| 9/2/2019 | 18.8 | 0.06 | 18.7 | 18.9 | 37.7 | 29.7 | NA | NA | NA | NA | NA | NA |
| 9/3/2019 | 18.7 | 0.11 | 18.5 | 18.9 | 56.4 | 44.4 | NA | NA | NA | NA | NA | NA |
| 9/4/2019 | 18.8 | 0.12 | 18.7 | 19.0 | 75.2 | 59.2 | NA | NA | NA | NA | NA | NA |
| 9/5/2019 | 18.9 | 0.07 | 18.8 | 19.0 | 94.1 | 74.1 | NA | NA | NA | NA | NA | NA |
| 9/6/2019 | 18.8 | 0.09 | 18.6 | 19.0 | 112.9 | 88.9 | NA | NA | NA | NA | NA | NA |
| 9/7/2019 | 18.5 | 0.34 | 17.9 | 18.9 | 131.4 | 103.4 | NA | NA | NA | NA | NA | NA |
| 9/8/2019 | 17.2 | 0.29 | 16.9 | 17.7 | 148.6 | 116.6 | NA | NA | NA | NA | NA | NA |
| 9/9/2019 | 16.7 | 0.13 | 16.6 | 17.0 | 165.3 | 129.3 | NA | NA | NA | NA | NA | NA |
| 9/10/2019 | 16.6 | 0.01 | 16.6 | 16.6 | 181.9 | 141.9 | NA | NA | NA | NA | NA | NA |
| 9/11/2019 | 16.6 | 0.06 | 16.5 | 16.7 | 198.4 | 154.4 | NA | NA | NA | NA | NA | NA |
| 9/12/2019 | 16.2 | 0.13 | 16.0 | 16.4 | 214.6 | 166.6 | NA | NA | NA | NA | NA | NA |
| 9/13/2019 | 16.0 | 0.06 | 16.0 | 16.1 | 230.6 | 178.6 | NA | NA | NA | NA | NA | NA |
| 9/14/2019 | 15.5 | 0.27 | 15.2 | 15.9 | 246.1 | 190.1 | NA | NA | NA | NA | NA | NA |
| 9/15/2019 | 15.2 | 0.05 | 15.1 | 15.3 | 261.3 | 201.3 | NA | NA | NA | NA | NA | NA |
| 9/16/2019 | 15.4 | 0.13 | 15.1 | 15.6 | 276.7 | 212.7 | NA | NA | NA | NA | NA | NA |
| 9/17/2019 | 15.2 | 0.23 | 14.9 | 15.5 | 291.9 | 223.9 | NA | NA | NA | NA | NA | NA |
| 9/18/2019 | 14.6 | 0.10 | 14.5 | 14.8 | 306.5 | 234.5 | NA | NA | NA | NA | NA | NA |
| 9/19/2019 | 14.3 | 0.03 | 14.3 | 14.4 | 320.8 | 244.8 | NA | NA | NA | NA | NA | NA |
| 9/20/2019 | 14.3 | 0.03 | 14.3 | 14.4 | 335.1 | 255.1 | NA | NA | NA | NA | NA | NA |
| 9/21/2019 | 14.5 | 0.12 | 14.3 | 14.6 | 349.6 | 265.6 | NA | NA | NA | NA | NA | NA |
| 9/22/2019 | 14.6 | 0.05 | 14.5 | 14.6 | 364.2 | 276.2 | NA | NA | NA | NA | NA | NA |
| 9/23/2019 | 14.5 | 0.02 | 14.5 | 14.6 | 378.7 | 286.7 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/24/2019 | 14.9 | 0.18 | 14.6 | 15.0 | 393.6 | 297.6 | NA | NA | NA | NA | NA | NA |
| 9/25/2019 | 15.0 | 0.02 | 15.0 | 15.1 | 408.6 | 308.6 | NA | NA | NA | NA | NA | NA |
| 9/26/2019 | 14.9 | 0.04 | 14.9 | 15.0 | 423.5 | 319.5 | NA | NA | NA | NA | NA | NA |
| 9/27/2019 | 14.9 | 0.04 | 14.9 | 15.0 | 438.5 | 330.5 | NA | NA | NA | NA | NA | NA |
| 9/28/2019 | 15.0 | 0.02 | 15.0 | 15.1 | 453.5 | 341.5 | NA | NA | NA | NA | NA | NA |
| 9/29/2019 | 15.0 | 0.04 | 14.9 | 15.0 | 468.4 | 352.4 | NA | NA | NA | NA | NA | NA |
| 9/30/2019 | 14.6 | 0.11 | 14.5 | 14.9 | 483.1 | 363.1 | NA | NA | NA | NA | NA | NA |

October

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/1/2019 | 14.5 | 0.09 | 14.4 | 14.6 | 14.5 | 10.5 | NA | NA | NA | NA | NA | NA |
| 10/2/2019 | 14.1 | 0.15 | 13.9 | 14.3 | 28.6 | 20.6 | NA | NA | NA | NA | NA | NA |
| 10/3/2019 | 13.6 | 0.09 | 13.5 | 13.8 | 42.2 | 30.2 | NA | NA | NA | NA | NA | NA |
| 10/4/2019 | 13.3 | 0.18 | 13.1 | 13.6 | 55.5 | 39.5 | NA | NA | NA | NA | NA | NA |
| 10/5/2019 | 12.9 | 0.07 | 12.8 | 13.0 | 68.4 | 48.4 | NA | NA | NA | NA | NA | NA |
| 10/6/2019 | 12.9 | 0.05 | 12.8 | 12.9 | 81.3 | 57.3 | NA | NA | NA | NA | NA | NA |
| 10/7/2019 | 12.6 | 0.11 | 12.4 | 12.8 | 93.9 | 65.9 | NA | NA | NA | NA | NA | NA |
| 10/8/2019 | 12.8 | 0.04 | 12.8 | 12.9 | 106.7 | 74.7 | NA | NA | NA | NA | NA | NA |
| 10/9/2019 | 12.8 | 0.06 | 12.8 | 12.9 | 119.5 | 83.5 | NA | NA | NA | NA | NA | NA |
| 10/10/2019 | 12.8 | 0.03 | 12.8 | 12.8 | 132.3 | 92.3 | NA | NA | NA | NA | NA | NA |
| 10/11/2019 | 12.7 | 0.03 | 12.7 | 12.8 | 145.0 | 101.0 | NA | NA | NA | NA | NA | NA |
| 10/12/2019 | 12.5 | 0.08 | 12.4 | 12.6 | 157.5 | 109.5 | NA | NA | NA | NA | NA | NA |
| 10/13/2019 | 12.4 | 0.02 | 12.3 | 12.4 | 169.9 | 117.9 | NA | NA | NA | NA | NA | NA |
| 10/14/2019 | 12.4 | 0.02 | 12.4 | 12.4 | 182.3 | 126.3 | NA | NA | NA | NA | NA | NA |
| 10/15/2019 | 12.5 | 0.02 | 12.5 | 12.6 | 194.8 | 134.8 | NA | NA | NA | NA | NA | NA |
| 10/16/2019 | 12.5 | 0.02 | 12.5 | 12.5 | 207.4 | 143.4 | NA | NA | NA | NA | NA | NA |
| 10/17/2019 | 12.2 | 0.16 | 12.1 | 12.5 | 219.6 | 151.6 | NA | NA | NA | NA | NA | NA |
| 10/18/2019 | 12.2 | 0.07 | 12.0 | 12.3 | 231.7 | 159.7 | NA | NA | NA | NA | NA | NA |
| 10/19/2019 | 11.8 | 0.19 | 11.6 | 12.2 | 243.5 | 167.5 | NA | NA | NA | NA | NA | NA |
| 10/20/2019 | 11.4 | 0.08 | 11.3 | 11.6 | 254.9 | 174.9 | NA | NA | NA | NA | NA | NA |
| 10/21/2019 | 11.5 | 0.03 | 11.4 | 11.5 | 266.4 | 182.4 | NA | NA | NA | NA | NA | NA |
| 10/22/2019 | 11.5 | 0.03 | 11.5 | 11.6 | 277.9 | 189.9 | NA | NA | NA | NA | NA | NA |
| 10/23/2019 | 11.3 | 0.08 | 11.1 | 11.4 | 289.1 | 197.1 | NA | NA | NA | NA | NA | NA |
| 10/24/2019 | 11.4 | 0.07 | 11.3 | 11.5 | 300.5 | 204.5 | NA | NA | NA | NA | NA | NA |
| 10/25/2019 | 11.4 | 0.08 | 11.3 | 11.5 | 311.9 | 211.9 | NA | NA | NA | NA | NA | NA |
| 10/26/2019 | 11.1 | 0.22 | 10.8 | 11.3 | 323.0 | 219.0 | NA | NA | NA | NA | NA | NA |
| 10/27/2019 | 10.6 | 0.06 | 10.6 | 10.8 | 333.6 | 225.6 | NA | NA | NA | NA | NA | NA |
| 10/28/2019 | 10.5 | 0.05 | 10.4 | 10.6 | 344.2 | 232.2 | NA | NA | NA | NA | NA | NA |
| 10/29/2019 | 10.6 | 0.08 | 10.4 | 10.7 | 354.7 | 238.7 | NA | NA | NA | NA | NA | NA |
| 10/30/2019 | 10.5 | 0.06 | 10.5 | 10.6 | 365.3 | 245.3 | NA | NA | NA | NA | NA | NA |
| 10/31/2019 | 10.5 | 0.08 | 10.4 | 10.6 | 375.8 | 251.8 | NA | NA | NA | NA | NA | NA |

November

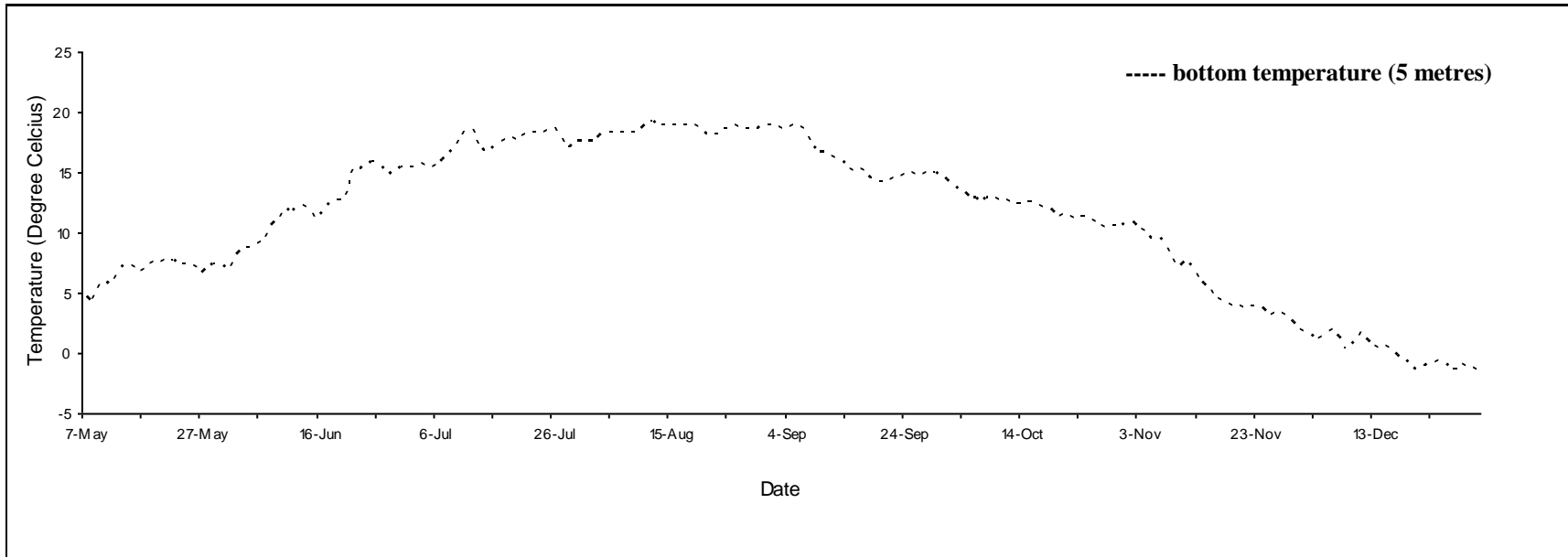
| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 11/1/2019 | 11.0 | 0.19 | 10.7 | 11.3 | 11.0 | 7.0 | NA | NA | NA | NA | NA | NA |
| 11/2/2019 | 10.7 | 0.11 | 10.6 | 11.0 | 21.8 | 13.8 | NA | NA | NA | NA | NA | NA |
| 11/3/2019 | 10.3 | 0.12 | 10.2 | 10.6 | 32.1 | 20.1 | NA | NA | NA | NA | NA | NA |
| 11/4/2019 | 10.2 | 0.22 | 9.9 | 10.6 | 42.3 | 26.3 | NA | NA | NA | NA | NA | NA |
| 11/5/2019 | 9.6 | 0.23 | 9.3 | 9.9 | 51.9 | 31.9 | NA | NA | NA | NA | NA | NA |
| 11/6/2019 | 9.7 | 0.09 | 9.6 | 9.9 | 61.6 | 37.6 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 11/7/2019 | 9.2 | 0.17 | 9.1 | 9.6 | 70.8 | 42.8 | NA | NA | NA | NA | NA | NA |
| 11/8/2019 | 8.5 | 0.43 | 7.9 | 9.2 | 79.3 | 47.3 | NA | NA | NA | NA | NA | NA |
| 11/9/2019 | 7.6 | 0.08 | 7.5 | 7.8 | 87.0 | 51.0 | NA | NA | NA | NA | NA | NA |
| 11/10/2019 | 7.3 | 0.22 | 6.9 | 7.6 | 94.3 | 54.3 | NA | NA | NA | NA | NA | NA |
| 11/11/2019 | 7.7 | 0.14 | 7.4 | 7.8 | 101.9 | 57.9 | NA | NA | NA | NA | NA | NA |
| 11/12/2019 | 7.1 | 0.15 | 6.8 | 7.4 | 109.0 | 61.0 | NA | NA | NA | NA | NA | NA |
| 11/13/2019 | 6.4 | 0.58 | 5.2 | 7.0 | 115.4 | 63.4 | NA | NA | NA | NA | NA | NA |
| 11/14/2019 | 5.8 | 0.21 | 5.3 | 5.9 | 121.2 | 65.2 | NA | NA | NA | NA | NA | NA |
| 11/15/2019 | 5.4 | 0.24 | 4.9 | 5.7 | 126.5 | 66.5 | NA | NA | NA | NA | NA | NA |
| 11/16/2019 | 4.8 | 0.42 | 3.9 | 5.6 | 131.3 | 67.3 | NA | NA | NA | NA | NA | NA |
| 11/17/2019 | 4.3 | 0.32 | 3.8 | 4.7 | 135.6 | 67.6 | NA | NA | NA | NA | NA | NA |
| 11/18/2019 | 4.1 | 0.15 | 3.9 | 4.3 | 139.7 | 67.7 | NA | NA | NA | NA | NA | NA |
| 11/19/2019 | 3.9 | 0.18 | 3.7 | 4.2 | 143.6 | 67.7 | NA | NA | NA | NA | NA | NA |
| 11/20/2019 | 3.9 | 0.08 | 3.8 | 4.0 | 147.6 | 67.7 | NA | NA | NA | NA | NA | NA |
| 11/21/2019 | 3.6 | 0.10 | 3.4 | 3.7 | 151.1 | 67.7 | NA | NA | NA | NA | NA | NA |
| 11/22/2019 | 3.9 | 0.12 | 3.7 | 4.1 | 155.0 | 67.7 | NA | NA | NA | NA | NA | NA |
| 11/23/2019 | 3.9 | 0.33 | 3.5 | 4.4 | 158.9 | 67.7 | NA | NA | NA | NA | NA | NA |
| 11/24/2019 | 3.8 | 0.03 | 3.7 | 3.8 | 162.7 | 67.7 | NA | NA | NA | NA | NA | NA |
| 11/25/2019 | 3.2 | 0.09 | 3.1 | 3.4 | 165.9 | 67.7 | NA | NA | NA | NA | NA | NA |
| 11/26/2019 | 3.3 | 0.08 | 3.2 | 3.4 | 169.2 | 67.7 | NA | NA | NA | NA | NA | NA |
| 11/27/2019 | 3.3 | 0.02 | 3.3 | 3.4 | 172.5 | 67.7 | NA | NA | NA | NA | NA | NA |
| 11/28/2019 | 3.2 | 0.11 | 3.1 | 3.3 | 175.7 | 67.7 | NA | NA | NA | NA | NA | NA |
| 11/29/2019 | 2.6 | 0.26 | 2.3 | 3.1 | 178.3 | 67.7 | NA | NA | NA | NA | NA | NA |
| 11/30/2019 | 2.1 | 0.11 | 1.9 | 2.3 | 180.4 | 67.7 | NA | NA | NA | NA | NA | NA |

December

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 12/1/2019 | 1.8 | 0.12 | 1.6 | 2.0 | 1.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/2/2019 | 1.6 | 0.18 | 1.2 | 1.7 | 3.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/3/2019 | 1.1 | 0.20 | 0.7 | 1.4 | 4.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/4/2019 | 1.3 | 0.03 | 1.3 | 1.4 | 5.9 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/5/2019 | 1.7 | 0.13 | 1.4 | 1.9 | 7.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/6/2019 | 2.0 | 0.06 | 1.9 | 2.1 | 9.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/7/2019 | 1.4 | 0.26 | 0.9 | 1.7 | 11.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/8/2019 | 0.5 | 0.17 | 0.2 | 0.8 | 11.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/9/2019 | 0.6 | 0.06 | 0.5 | 0.7 | 12.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/10/2019 | 1.1 | 0.31 | 0.5 | 1.7 | 13.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/11/2019 | 1.8 | 0.07 | 1.7 | 1.9 | 15.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/12/2019 | 1.1 | 0.26 | 0.8 | 1.5 | 16.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/13/2019 | 0.6 | 0.09 | 0.4 | 0.7 | 16.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/14/2019 | 0.5 | 0.11 | 0.4 | 0.6 | 17.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/15/2019 | 0.6 | 0.17 | 0.4 | 0.8 | 17.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/16/2019 | 0.3 | 0.27 | -0.1 | 0.7 | 18.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/17/2019 | -0.2 | 0.10 | -0.3 | 0.0 | 18.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/18/2019 | -0.5 | 0.14 | -0.6 | -0.2 | 18.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/19/2019 | -0.9 | 0.27 | -1.4 | -0.6 | 18.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/20/2019 | -1.4 | 0.03 | -1.4 | -1.4 | 18.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/21/2019 | -1.3 | 0.04 | -1.3 | -1.2 | 18.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/22/2019 | -1.0 | 0.11 | -1.2 | -0.9 | 18.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/23/2019 | -0.8 | 0.09 | -1.0 | -0.7 | 18.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/24/2019 | -0.6 | 0.11 | -0.7 | -0.4 | 18.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/25/2019 | -0.8 | 0.05 | -0.9 | -0.7 | 18.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/26/2019 | -1.3 | 0.20 | -1.5 | -0.9 | 18.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/27/2019 | -1.4 | 0.14 | -1.5 | -1.1 | 18.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/28/2019 | -0.9 | 0.05 | -1.0 | -0.9 | 18.0 | 0.0 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 12/29/2019 | -1.0 | 0.06 | -1.1 | -0.9 | 18.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/30/2019 | -1.2 | 0.06 | -1.3 | -1.1 | 18.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/31/2019 | -1.3 | 0.07 | -1.4 | -1.3 | 18.0 | 0.0 | NA | NA | NA | NA | NA | NA |



Daily mean temperature for Shediac, N.B., 2019.

Shippagan, N.B.

2019

May

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 5/4/2019 | 0.4 | 0.08 | 0.3 | 0.6 | 0.4 | 0.0 | 3.5 | 0.72 | 2.4 | 4.6 | 3.5 | 0.0 |
| 5/5/2019 | 0.4 | 0.15 | 0.1 | 0.7 | 0.9 | 0.0 | 4.2 | 0.39 | 3.6 | 4.9 | 7.7 | 0.2 |
| 5/6/2019 | 0.2 | 0.10 | 0.1 | 0.3 | 1.1 | 0.0 | 4.5 | 0.62 | 3.8 | 5.7 | 12.1 | 0.6 |
| 5/7/2019 | 0.0 | 0.06 | 0.0 | 0.1 | 1.1 | 0.0 | 4.6 | 0.59 | 3.6 | 5.3 | 16.8 | 1.3 |
| 5/8/2019 | 1.7 | 1.27 | 0.1 | 3.1 | 2.8 | 0.0 | 3.6 | 0.55 | 3.0 | 4.6 | 20.4 | 1.3 |
| 5/9/2019 | 3.3 | 0.33 | 2.8 | 4.0 | 6.2 | 0.0 | 4.2 | 0.70 | 3.3 | 5.1 | 24.6 | 1.4 |
| 5/10/2019 | 3.1 | 0.84 | 1.2 | 3.5 | 9.2 | 0.0 | 4.9 | 0.23 | 4.4 | 5.2 | 29.4 | 2.3 |
| 5/11/2019 | 1.4 | 1.17 | 0.5 | 3.9 | 10.6 | 0.0 | 4.7 | 0.24 | 4.4 | 5.1 | 34.2 | 3.1 |
| 5/12/2019 | 3.7 | 0.80 | 2.6 | 4.6 | 14.4 | 0.0 | 4.9 | 0.27 | 4.6 | 5.3 | 39.1 | 4.0 |
| 5/13/2019 | 3.6 | 0.41 | 2.7 | 4.1 | 18.0 | 0.0 | 5.3 | 0.31 | 4.9 | 5.7 | 44.4 | 5.3 |
| 5/14/2019 | 2.8 | 0.87 | 1.9 | 3.7 | 20.8 | 0.0 | 5.7 | 0.54 | 4.8 | 6.4 | 50.1 | 7.0 |
| 5/15/2019 | 0.8 | 0.77 | -0.1 | 2.0 | 21.6 | 0.0 | 4.0 | 1.06 | 1.4 | 5.3 | 54.1 | 7.0 |
| 5/16/2019 | 0.2 | 0.28 | -0.1 | 0.8 | 21.8 | 0.0 | 3.6 | 0.61 | 2.9 | 4.8 | 57.7 | 7.0 |
| 5/17/2019 | 2.9 | 0.82 | 1.4 | 3.9 | 24.7 | 0.0 | 4.8 | 1.15 | 3.0 | 6.4 | 62.5 | 7.7 |
| 5/18/2019 | 3.9 | 0.54 | 3.0 | 4.7 | 28.6 | 0.0 | 5.6 | 0.23 | 5.2 | 5.9 | 68.1 | 9.3 |
| 5/19/2019 | 3.7 | 0.37 | 3.2 | 4.4 | 32.3 | 0.0 | 6.3 | 0.86 | 5.4 | 8.1 | 74.4 | 11.7 |
| 5/20/2019 | 3.5 | 0.47 | 2.6 | 3.9 | 35.8 | 0.0 | 6.0 | 0.50 | 5.1 | 6.7 | 80.4 | 13.7 |
| 5/21/2019 | 1.9 | 0.28 | 1.5 | 2.3 | 37.7 | 0.0 | 4.7 | 0.67 | 3.4 | 5.8 | 85.1 | 14.4 |
| 5/22/2019 | 2.0 | 0.60 | 1.4 | 3.2 | 39.7 | 0.0 | 4.0 | 0.50 | 3.3 | 4.7 | 89.1 | 14.4 |
| 5/23/2019 | 3.9 | 0.55 | 3.1 | 4.7 | 43.6 | 0.0 | 5.3 | 1.14 | 4.0 | 7.0 | 94.4 | 15.7 |
| 5/24/2019 | 4.8 | 0.20 | 4.4 | 5.1 | 48.3 | 0.8 | 7.3 | 0.84 | 6.1 | 9.2 | 101.7 | 19.0 |
| 5/25/2019 | 5.1 | 0.43 | 4.3 | 5.7 | 53.5 | 1.9 | 8.2 | 0.57 | 7.1 | 8.9 | 109.9 | 23.2 |
| 5/26/2019 | 4.2 | 0.26 | 3.7 | 4.4 | 57.6 | 2.0 | 8.0 | 0.50 | 6.8 | 8.5 | 117.9 | 27.2 |
| 5/27/2019 | 4.8 | 1.18 | 3.7 | 6.7 | 62.5 | 2.9 | 7.0 | 0.38 | 6.6 | 7.6 | 124.9 | 30.2 |
| 5/28/2019 | 6.6 | 0.57 | 5.7 | 7.7 | 69.0 | 5.5 | 8.1 | 0.47 | 7.2 | 8.6 | 133.0 | 34.3 |
| 5/29/2019 | 5.6 | 0.95 | 4.4 | 6.8 | 74.7 | 7.1 | 9.1 | 0.59 | 8.5 | 10.2 | 142.1 | 39.4 |
| 5/30/2019 | 4.1 | 0.14 | 3.8 | 4.3 | 78.7 | 7.2 | 9.0 | 0.29 | 8.6 | 9.3 | 151.1 | 44.3 |
| 5/31/2019 | 4.8 | 1.57 | 3.2 | 7.3 | 83.5 | 7.9 | 8.9 | 0.19 | 8.5 | 9.2 | 159.9 | 49.2 |

June

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/1/2019 | 5.4 | 0.81 | 4.2 | 7.2 | 5.4 | 1.4 | 9.3 | 0.66 | 8.7 | 10.4 | 9.3 | 5.3 |
| 6/2/2019 | 3.9 | 0.55 | 3.3 | 5.3 | 9.2 | 1.4 | 9.3 | 0.26 | 8.8 | 9.7 | 18.6 | 10.6 |
| 6/3/2019 | 2.6 | 0.43 | 1.9 | 3.3 | 11.8 | 1.4 | 9.0 | 0.41 | 8.3 | 9.6 | 27.6 | 15.6 |
| 6/4/2019 | 3.7 | 0.69 | 2.9 | 4.9 | 15.6 | 1.4 | 9.4 | 0.47 | 8.8 | 10.0 | 37.0 | 21.0 |
| 6/5/2019 | 6.5 | 1.38 | 4.6 | 8.3 | 22.1 | 3.8 | 9.6 | 0.24 | 9.2 | 10.0 | 46.6 | 26.6 |
| 6/6/2019 | 4.7 | 0.78 | 4.1 | 7.0 | 26.7 | 4.5 | 10.4 | 0.59 | 9.6 | 11.3 | 57.0 | 33.0 |
| 6/7/2019 | 4.5 | 0.95 | 4.0 | 7.5 | 31.2 | 5.0 | 11.0 | 0.67 | 9.4 | 11.6 | 68.0 | 40.0 |
| 6/8/2019 | 6.8 | 2.25 | 4.2 | 9.4 | 38.0 | 7.8 | 11.2 | 0.18 | 10.7 | 11.4 | 79.2 | 47.2 |
| 6/9/2019 | 8.0 | 2.73 | 3.9 | 11.7 | 46.0 | 11.8 | 11.6 | 0.41 | 10.9 | 12.1 | 90.8 | 54.8 |
| 6/10/2019 | 6.3 | 0.68 | 5.3 | 7.5 | 52.3 | 14.1 | 11.8 | 0.61 | 10.4 | 12.6 | 102.6 | 62.6 |
| 6/11/2019 | 5.7 | 0.81 | 4.5 | 6.6 | 58.0 | 15.8 | 12.0 | 0.62 | 10.4 | 12.8 | 114.5 | 70.5 |
| 6/12/2019 | 8.6 | 2.05 | 4.5 | 10.2 | 66.6 | 20.4 | 10.3 | 0.55 | 9.4 | 11.6 | 124.8 | 76.8 |
| 6/13/2019 | 10.1 | 0.03 | 10.0 | 10.1 | 76.7 | 26.4 | 11.1 | 0.43 | 10.5 | 11.8 | 135.9 | 83.9 |
| 6/14/2019 | 6.0 | 2.64 | 2.7 | 10.1 | 82.7 | 28.5 | 11.0 | 0.36 | 10.5 | 11.7 | 146.9 | 90.9 |
| 6/15/2019 | 4.5 | 2.38 | 1.9 | 8.6 | 87.2 | 29.0 | 11.2 | 0.31 | 10.7 | 11.9 | 158.1 | 98.1 |
| 6/16/2019 | 7.1 | 0.90 | 5.8 | 9.0 | 94.3 | 32.0 | 11.3 | 0.46 | 10.7 | 12.1 | 169.4 | 105.4 |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/17/2019 | 6.3 | 0.70 | 5.4 | 8.1 | 100.5 | 34.3 | 12.0 | 0.44 | 11.4 | 12.5 | 181.4 | 113.4 |
| 6/18/2019 | 8.5 | 1.90 | 5.8 | 10.8 | 109.0 | 38.8 | 12.3 | 0.42 | 11.7 | 12.9 | 193.7 | 121.7 |
| 6/19/2019 | 6.9 | 0.57 | 6.2 | 8.2 | 115.9 | 41.7 | 13.1 | 0.52 | 12.4 | 13.7 | 206.8 | 130.8 |
| 6/20/2019 | 6.2 | 0.47 | 5.4 | 7.1 | 122.0 | 43.8 | 13.8 | 0.37 | 13.4 | 14.5 | 220.6 | 140.6 |
| 6/21/2019 | 6.2 | 0.37 | 5.4 | 6.6 | 128.3 | 46.1 | 13.5 | 0.84 | 11.8 | 14.4 | 234.1 | 150.1 |
| 6/22/2019 | 5.6 | 0.30 | 5.1 | 6.1 | 133.9 | 47.7 | 12.5 | 0.63 | 11.7 | 13.7 | 246.6 | 158.6 |
| 6/23/2019 | 9.0 | 2.88 | 5.7 | 12.8 | 142.9 | 52.7 | 12.7 | 0.46 | 11.8 | 13.2 | 259.3 | 167.3 |
| 6/24/2019 | 12.7 | 0.36 | 11.8 | 13.1 | 155.6 | 61.4 | 13.3 | 0.31 | 12.9 | 13.7 | 272.6 | 176.6 |
| 6/25/2019 | 12.5 | 0.92 | 10.9 | 13.5 | 168.1 | 69.9 | 14.1 | 0.44 | 13.5 | 14.6 | 286.7 | 186.7 |
| 6/26/2019 | 11.1 | 0.96 | 8.6 | 12.3 | 179.2 | 77.0 | 14.3 | 0.36 | 13.7 | 14.7 | 301.0 | 197.0 |
| 6/27/2019 | 8.0 | 0.90 | 7.1 | 10.3 | 187.2 | 81.0 | 14.2 | 0.05 | 14.2 | 14.3 | 315.3 | 207.3 |
| 6/28/2019 | 5.6 | 0.76 | 4.8 | 7.0 | 192.8 | 82.6 | 14.7 | 0.57 | 14.2 | 15.7 | 329.9 | 217.9 |
| 6/29/2019 | 4.9 | 0.17 | 4.6 | 5.1 | 197.7 | 83.4 | 15.2 | 0.56 | 14.7 | 16.0 | 345.1 | 229.1 |
| 6/30/2019 | 5.4 | 0.14 | 5.1 | 5.5 | 203.0 | 84.8 | 14.7 | 0.48 | 13.8 | 15.3 | 359.9 | 239.9 |

July

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/1/2019 | 5.2 | 0.30 | 4.7 | 5.7 | 5.2 | 1.2 | 13.3 | 0.59 | 12.4 | 14.1 | 13.3 | 9.3 |
| 7/2/2019 | 5.7 | 0.65 | 4.9 | 6.8 | 10.9 | 2.9 | 13.4 | 0.88 | 12.2 | 15.0 | 26.7 | 18.7 |
| 7/3/2019 | 5.9 | 1.02 | 4.9 | 8.1 | 16.8 | 4.8 | 13.5 | 1.26 | 12.1 | 15.7 | 40.2 | 28.2 |
| 7/4/2019 | 7.0 | 1.04 | 5.9 | 10.0 | 23.8 | 7.8 | 14.8 | 0.50 | 14.0 | 15.7 | 54.9 | 38.9 |
| 7/5/2019 | 7.9 | 1.44 | 6.1 | 10.3 | 31.7 | 11.7 | 16.2 | 0.37 | 15.4 | 16.6 | 71.1 | 51.1 |
| 7/6/2019 | 8.4 | 0.82 | 7.5 | 10.0 | 40.1 | 16.1 | 16.6 | 0.68 | 15.3 | 17.2 | 87.8 | 63.8 |
| 7/7/2019 | 14.3 | 2.43 | 7.8 | 16.5 | 54.4 | 26.4 | 16.5 | 0.18 | 16.3 | 16.8 | 104.3 | 76.3 |
| 7/8/2019 | 15.7 | 1.26 | 13.1 | 17.5 | 70.1 | 38.1 | 16.7 | 0.27 | 16.3 | 17.1 | 121.0 | 89.0 |
| 7/9/2019 | 15.9 | 0.70 | 14.5 | 16.7 | 86.0 | 50.0 | 16.6 | 0.29 | 16.0 | 17.0 | 137.6 | 101.6 |
| 7/10/2019 | 14.9 | 0.82 | 12.6 | 15.6 | 100.8 | 60.8 | 16.6 | 0.76 | 15.7 | 18.0 | 154.3 | 114.3 |
| 7/11/2019 | 11.8 | 2.54 | 9.2 | 15.5 | 112.6 | 68.6 | 16.5 | 0.25 | 16.0 | 16.9 | 170.7 | 126.7 |
| 7/12/2019 | 8.0 | 0.45 | 7.4 | 8.9 | 120.7 | 72.7 | 16.1 | 0.45 | 14.9 | 16.6 | 186.9 | 138.9 |
| 7/13/2019 | 7.6 | 1.01 | 6.2 | 9.3 | 128.3 | 76.3 | 16.1 | 0.44 | 15.3 | 16.7 | 202.9 | 150.9 |
| 7/14/2019 | 6.7 | 0.24 | 6.3 | 7.3 | 135.0 | 79.0 | 16.2 | 0.55 | 14.9 | 16.8 | 219.1 | 163.1 |
| 7/15/2019 | 7.9 | 1.83 | 5.9 | 12.2 | 142.9 | 82.9 | 16.2 | 0.24 | 15.7 | 16.5 | 235.3 | 175.3 |
| 7/16/2019 | 10.4 | 2.95 | 7.2 | 14.2 | 153.3 | 89.3 | 16.3 | 0.63 | 15.3 | 17.0 | 251.6 | 187.6 |
| 7/17/2019 | 7.8 | 1.01 | 6.7 | 10.0 | 161.1 | 93.1 | 16.5 | 0.51 | 15.8 | 17.4 | 268.1 | 200.1 |
| 7/18/2019 | 10.1 | 3.13 | 7.1 | 15.4 | 171.2 | 99.2 | 16.3 | 0.59 | 15.2 | 17.2 | 284.4 | 212.4 |
| 7/19/2019 | 13.7 | 1.68 | 11.2 | 15.8 | 184.9 | 108.9 | 16.5 | 0.73 | 15.4 | 17.6 | 300.9 | 224.9 |
| 7/20/2019 | 12.2 | 1.66 | 9.9 | 14.5 | 197.0 | 117.0 | 17.2 | 0.41 | 16.3 | 17.7 | 318.1 | 238.1 |
| 7/21/2019 | 12.2 | 2.80 | 6.2 | 15.8 | 209.2 | 125.2 | 16.8 | 0.22 | 16.3 | 17.1 | 334.9 | 250.9 |
| 7/22/2019 | 13.1 | 3.63 | 6.9 | 17.0 | 222.3 | 134.3 | 17.4 | 0.29 | 17.0 | 17.8 | 352.3 | 264.3 |
| 7/23/2019 | 10.0 | 2.25 | 7.8 | 16.1 | 232.3 | 140.3 | 17.7 | 0.32 | 17.5 | 18.4 | 370.1 | 278.1 |
| 7/24/2019 | 9.8 | 1.01 | 8.7 | 11.6 | 242.0 | 146.0 | 18.4 | 0.25 | 18.1 | 18.8 | 388.4 | 292.4 |
| 7/25/2019 | 11.4 | 2.19 | 9.4 | 15.9 | 253.4 | 153.4 | 18.1 | 0.42 | 17.3 | 18.5 | 406.5 | 306.5 |
| 7/26/2019 | 10.4 | 0.29 | 10.0 | 11.2 | 263.8 | 159.8 | 18.2 | 0.35 | 17.8 | 18.9 | 424.7 | 320.7 |
| 7/27/2019 | 10.0 | 0.29 | 9.5 | 10.5 | 273.8 | 165.8 | 18.3 | 0.28 | 17.8 | 18.8 | 443.0 | 335.0 |
| 7/28/2019 | 10.3 | 0.22 | 10.0 | 10.7 | 284.2 | 172.2 | 18.9 | 0.49 | 18.3 | 20.0 | 461.9 | 349.9 |
| 7/29/2019 | 10.9 | 0.80 | 10.0 | 12.8 | 295.1 | 179.1 | 19.5 | 0.88 | 18.4 | 20.9 | 481.4 | 365.4 |
| 7/30/2019 | 9.5 | 0.92 | 8.0 | 10.7 | 304.6 | 184.6 | 20.5 | 0.43 | 19.6 | 21.1 | 501.8 | 381.8 |
| 7/31/2019 | 9.1 | 0.80 | 8.3 | 10.9 | 313.8 | 189.8 | 20.6 | 0.25 | 20.1 | 21.0 | 522.4 | 398.4 |

August

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/1/2019 | 13.9 | 4.69 | 8.2 | 20.5 | 13.9 | 9.9 | 20.8 | 0.25 | 20.4 | 21.1 | 20.8 | 16.8 |
| 8/2/2019 | 16.6 | 4.13 | 8.4 | 20.2 | 30.5 | 22.5 | 20.6 | 0.24 | 20.2 | 20.9 | 41.4 | 33.4 |
| 8/3/2019 | 12.4 | 2.99 | 8.2 | 17.8 | 42.9 | 30.9 | 20.6 | 0.40 | 20.0 | 21.1 | 62.0 | 50.0 |
| 8/4/2019 | 15.9 | 3.44 | 10.8 | 19.4 | 58.9 | 42.9 | 19.5 | 0.69 | 18.7 | 20.8 | 81.5 | 65.5 |
| 8/5/2019 | 17.8 | 1.29 | 15.9 | 19.1 | 76.7 | 56.7 | 19.3 | 0.18 | 19.1 | 19.7 | 100.8 | 80.8 |
| 8/6/2019 | 14.2 | 3.32 | 8.8 | 18.2 | 90.9 | 66.9 | 19.4 | 0.21 | 19.1 | 19.9 | 120.2 | 96.2 |
| 8/7/2019 | 9.7 | 0.64 | 8.5 | 11.1 | 100.6 | 72.6 | 19.2 | 0.16 | 19.0 | 19.5 | 139.4 | 111.4 |
| 8/8/2019 | 8.9 | 1.39 | 6.3 | 11.1 | 109.5 | 77.5 | 19.1 | 0.40 | 18.4 | 19.5 | 158.5 | 126.5 |
| 8/9/2019 | 7.9 | 0.42 | 7.0 | 8.4 | 117.4 | 81.4 | 18.3 | 0.42 | 17.9 | 19.2 | 176.8 | 140.8 |
| 8/10/2019 | 8.3 | 0.20 | 8.0 | 8.7 | 125.7 | 85.7 | 18.6 | 0.37 | 17.9 | 19.2 | 195.5 | 155.5 |
| 8/11/2019 | 13.1 | 3.53 | 8.4 | 17.5 | 138.9 | 94.9 | 17.8 | 0.19 | 17.6 | 18.3 | 213.3 | 169.3 |
| 8/12/2019 | 16.8 | 0.69 | 15.2 | 17.7 | 155.7 | 107.7 | 17.5 | 0.21 | 17.2 | 17.8 | 230.7 | 182.7 |
| 8/13/2019 | 15.8 | 2.83 | 8.5 | 18.0 | 171.5 | 119.5 | 17.8 | 0.22 | 17.6 | 18.2 | 248.6 | 196.6 |
| 8/14/2019 | 14.0 | 2.48 | 9.9 | 17.9 | 185.4 | 129.4 | 17.9 | 0.11 | 17.7 | 18.1 | 266.5 | 210.5 |
| 8/15/2019 | 10.9 | 2.00 | 8.6 | 14.6 | 196.3 | 136.3 | 17.3 | 1.00 | 15.3 | 18.2 | 283.8 | 223.8 |
| 8/16/2019 | 14.6 | 0.43 | 13.8 | 15.2 | 210.9 | 146.9 | 16.1 | 0.60 | 15.4 | 17.4 | 299.9 | 235.9 |
| 8/17/2019 | 12.8 | 2.40 | 9.3 | 15.5 | 223.7 | 155.7 | 17.1 | 0.22 | 16.6 | 17.4 | 317.0 | 249.0 |
| 8/18/2019 | 11.6 | 0.57 | 10.9 | 13.2 | 235.2 | 163.2 | 16.8 | 0.36 | 16.3 | 17.4 | 333.8 | 261.8 |
| 8/19/2019 | 11.9 | 0.27 | 11.6 | 12.6 | 247.1 | 171.1 | 17.8 | 0.32 | 17.3 | 18.2 | 351.5 | 275.5 |
| 8/20/2019 | 14.6 | 2.04 | 12.1 | 17.8 | 261.7 | 181.7 | 17.7 | 0.32 | 17.1 | 18.2 | 369.3 | 289.3 |
| 8/21/2019 | 15.3 | 1.04 | 12.5 | 16.5 | 277.0 | 193.0 | 17.8 | 0.35 | 17.3 | 18.6 | 387.1 | 303.1 |
| 8/22/2019 | 12.0 | 0.87 | 10.7 | 13.1 | 289.0 | 201.0 | 17.9 | 0.30 | 17.5 | 18.3 | 404.9 | 316.9 |
| 8/23/2019 | 14.4 | 2.73 | 11.1 | 17.6 | 303.4 | 211.4 | 18.0 | 0.21 | 17.7 | 18.3 | 422.9 | 330.9 |
| 8/24/2019 | 16.4 | 2.01 | 12.7 | 18.1 | 319.8 | 223.8 | 18.2 | 0.22 | 17.9 | 18.6 | 441.1 | 345.1 |
| 8/25/2019 | 13.6 | 1.57 | 10.2 | 15.7 | 333.3 | 233.3 | 18.1 | 0.21 | 17.9 | 18.5 | 459.2 | 359.2 |
| 8/26/2019 | 11.8 | 1.15 | 10.0 | 13.9 | 345.1 | 241.1 | 17.9 | 0.14 | 17.8 | 18.2 | 477.2 | 373.2 |
| 8/27/2019 | 14.5 | 2.34 | 11.4 | 17.2 | 359.5 | 251.5 | 17.7 | 0.14 | 17.4 | 17.9 | 494.8 | 386.8 |
| 8/28/2019 | 14.5 | 2.36 | 10.5 | 16.9 | 374.0 | 262.0 | 17.7 | 0.42 | 17.2 | 18.4 | 512.5 | 400.5 |
| 8/29/2019 | 9.0 | 1.45 | 6.9 | 12.5 | 383.0 | 267.0 | 17.8 | 0.17 | 17.5 | 18.0 | 530.3 | 414.3 |
| 8/30/2019 | 12.0 | 2.36 | 8.6 | 15.4 | 395.0 | 275.0 | 17.8 | 0.21 | 17.6 | 18.2 | 548.1 | 428.1 |
| 8/31/2019 | 15.9 | 2.00 | 13.0 | 17.5 | 410.9 | 286.9 | 17.5 | 0.12 | 17.2 | 17.6 | 565.6 | 441.6 |

September

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/1/2019 | 17.2 | 0.04 | 17.2 | 17.3 | 17.2 | 13.2 | 17.4 | 0.16 | 17.2 | 17.7 | 17.4 | 13.4 |
| 9/2/2019 | 15.8 | 0.89 | 14.2 | 17.3 | 33.1 | 25.1 | 17.2 | 0.25 | 16.8 | 17.5 | 34.6 | 26.6 |
| 9/3/2019 | 16.2 | 0.77 | 14.6 | 17.0 | 49.2 | 37.2 | 16.9 | 0.12 | 16.6 | 17.1 | 51.5 | 39.5 |
| 9/4/2019 | 14.5 | 1.90 | 12.1 | 17.1 | 63.8 | 47.8 | 16.9 | 0.20 | 16.5 | 17.1 | 68.4 | 52.4 |
| 9/5/2019 | 15.7 | 0.73 | 13.9 | 16.3 | 79.5 | 59.5 | 16.1 | 0.19 | 15.9 | 16.4 | 84.5 | 64.5 |
| 9/6/2019 | 15.8 | 0.13 | 15.6 | 15.9 | 95.2 | 71.2 | 15.9 | 0.07 | 15.8 | 16.1 | 100.5 | 76.5 |
| 9/7/2019 | 11.9 | 3.58 | 5.5 | 15.6 | 107.1 | 79.1 | 15.1 | 0.99 | 12.8 | 15.9 | 115.6 | 87.6 |
| 9/8/2019 | 12.8 | 1.82 | 8.2 | 15.2 | 119.8 | 87.8 | 14.0 | 0.89 | 12.6 | 15.5 | 129.6 | 97.6 |
| 9/9/2019 | 12.7 | 0.30 | 12.3 | 13.2 | 132.6 | 96.6 | 13.4 | 0.29 | 13.0 | 14.0 | 142.9 | 106.9 |
| 9/10/2019 | 13.1 | 0.16 | 12.7 | 13.3 | 145.6 | 105.6 | 13.4 | 0.27 | 13.0 | 13.7 | 156.3 | 116.3 |
| 9/11/2019 | 13.2 | 0.10 | 13.1 | 13.4 | 158.8 | 114.8 | 13.6 | 0.06 | 13.5 | 13.7 | 169.9 | 125.9 |
| 9/12/2019 | 12.7 | 0.20 | 12.6 | 13.3 | 171.6 | 123.6 | 13.6 | 0.17 | 13.4 | 13.8 | 183.5 | 135.5 |
| 9/13/2019 | 12.9 | 0.27 | 12.6 | 13.4 | 184.4 | 132.4 | 13.7 | 0.25 | 13.4 | 14.2 | 197.2 | 145.2 |
| 9/14/2019 | 12.7 | 0.23 | 12.3 | 13.1 | 197.1 | 141.1 | 13.3 | 0.11 | 13.2 | 13.6 | 210.5 | 154.5 |
| 9/15/2019 | 13.1 | 0.16 | 12.8 | 13.4 | 210.2 | 150.2 | 13.4 | 0.19 | 13.2 | 13.7 | 223.9 | 163.9 |
| 9/16/2019 | 13.5 | 0.11 | 13.3 | 13.6 | 223.7 | 159.7 | 13.6 | 0.07 | 13.5 | 13.7 | 237.5 | 173.5 |
| 9/17/2019 | 13.2 | 0.45 | 12.4 | 13.6 | 236.9 | 168.9 | 13.5 | 0.09 | 13.4 | 13.8 | 251.0 | 183.0 |
| 9/18/2019 | 12.5 | 0.11 | 12.3 | 12.6 | 249.4 | 177.4 | 13.4 | 0.21 | 13.2 | 13.9 | 264.4 | 192.4 |
| 9/19/2019 | 12.9 | 0.22 | 12.6 | 13.2 | 262.3 | 186.3 | 13.3 | 0.08 | 13.1 | 13.4 | 277.7 | 201.7 |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/20/2019 | 13.2 | 0.13 | 13.0 | 13.4 | 275.5 | 195.5 | 13.4 | 0.13 | 13.2 | 13.6 | 291.1 | 211.1 |
| 9/21/2019 | 13.3 | 0.04 | 13.3 | 13.4 | 288.8 | 204.8 | 13.8 | 0.20 | 13.5 | 14.1 | 304.8 | 220.8 |
| 9/22/2019 | 13.4 | 0.08 | 13.3 | 13.6 | 302.2 | 214.2 | 13.9 | 0.26 | 13.5 | 14.3 | 318.7 | 230.7 |
| 9/23/2019 | 13.8 | 0.25 | 13.4 | 14.1 | 316.0 | 224.0 | 13.9 | 0.16 | 13.7 | 14.1 | 332.6 | 240.6 |
| 9/24/2019 | 13.2 | 1.86 | 7.9 | 14.0 | 329.2 | 233.2 | 13.9 | 0.15 | 13.6 | 14.0 | 346.6 | 250.6 |
| 9/25/2019 | 4.0 | 0.81 | 3.0 | 5.4 | 333.2 | 233.2 | 12.4 | 0.72 | 11.5 | 13.8 | 359.0 | 259.0 |
| 9/26/2019 | 7.6 | 1.24 | 4.9 | 9.0 | 340.8 | 236.8 | 12.9 | 0.45 | 11.8 | 13.3 | 371.9 | 267.9 |
| 9/27/2019 | 11.3 | 1.35 | 8.6 | 12.6 | 352.1 | 244.1 | 12.3 | 0.42 | 11.4 | 12.8 | 384.2 | 276.2 |
| 9/28/2019 | 12.6 | 0.11 | 12.4 | 12.8 | 364.7 | 252.7 | 12.9 | 0.11 | 12.8 | 13.1 | 397.1 | 285.1 |
| 9/29/2019 | 12.8 | 0.16 | 12.6 | 13.0 | 377.5 | 261.5 | 12.9 | 0.13 | 12.7 | 13.0 | 409.9 | 293.9 |
| 9/30/2019 | 12.8 | 0.11 | 12.7 | 13.0 | 390.3 | 270.3 | 12.8 | 0.09 | 12.6 | 13.0 | 422.8 | 302.8 |

October

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/1/2019 | 12.6 | 0.07 | 12.5 | 12.8 | 12.6 | 8.6 | 12.5 | 0.13 | 12.4 | 12.8 | 12.5 | 8.5 |
| 10/2/2019 | 12.2 | 0.31 | 11.8 | 12.6 | 24.8 | 16.8 | 12.3 | 0.25 | 11.7 | 12.5 | 24.8 | 16.8 |
| 10/3/2019 | 11.8 | 0.15 | 11.4 | 11.9 | 36.6 | 24.6 | 11.8 | 0.18 | 11.4 | 11.9 | 36.6 | 24.6 |
| 10/4/2019 | 11.8 | 0.05 | 11.7 | 11.8 | 48.3 | 32.3 | 11.7 | 0.06 | 11.6 | 11.9 | 48.3 | 32.3 |
| 10/5/2019 | 11.5 | 0.16 | 11.2 | 11.7 | 59.8 | 39.8 | 11.5 | 0.17 | 11.2 | 11.7 | 59.8 | 39.8 |
| 10/6/2019 | 11.3 | 0.05 | 11.3 | 11.4 | 71.2 | 47.2 | 11.5 | 0.19 | 11.3 | 11.9 | 71.3 | 47.3 |
| 10/7/2019 | 11.4 | 0.09 | 11.2 | 11.5 | 82.6 | 54.6 | 11.6 | 0.05 | 11.5 | 11.6 | 82.9 | 54.9 |
| 10/8/2019 | 11.5 | 0.19 | 11.2 | 11.7 | 94.1 | 62.1 | 11.6 | 0.08 | 11.5 | 11.7 | 94.5 | 62.5 |
| 10/9/2019 | 11.6 | 0.05 | 11.6 | 11.7 | 105.7 | 69.7 | 11.7 | 0.07 | 11.6 | 11.9 | 106.3 | 70.3 |
| 10/10/2019 | 11.6 | 0.04 | 11.5 | 11.7 | 117.3 | 77.3 | 11.9 | 0.28 | 11.6 | 12.3 | 118.1 | 78.1 |
| 10/11/2019 | 11.4 | 0.08 | 11.3 | 11.5 | 128.7 | 84.7 | 11.6 | 0.09 | 11.5 | 11.8 | 129.8 | 85.8 |
| 10/12/2019 | 10.2 | 0.89 | 8.8 | 11.3 | 138.9 | 90.9 | 11.4 | 0.15 | 11.1 | 11.5 | 141.1 | 93.1 |
| 10/13/2019 | 8.8 | 0.31 | 8.4 | 9.6 | 147.8 | 95.8 | 11.1 | 0.23 | 10.8 | 11.4 | 152.3 | 100.3 |
| 10/14/2019 | 9.6 | 0.34 | 9.0 | 10.2 | 157.4 | 101.4 | 11.2 | 0.11 | 11.1 | 11.5 | 163.5 | 107.5 |
| 10/15/2019 | 10.3 | 0.50 | 9.8 | 11.1 | 167.6 | 107.6 | 11.2 | 0.06 | 11.1 | 11.3 | 174.7 | 114.7 |
| 10/16/2019 | 11.0 | 0.06 | 10.9 | 11.1 | 178.7 | 114.7 | 11.2 | 0.05 | 11.1 | 11.3 | 185.9 | 121.9 |
| 10/17/2019 | 10.6 | 1.60 | 5.5 | 11.1 | 189.3 | 121.3 | 11.1 | 0.09 | 10.9 | 11.1 | 196.9 | 128.9 |
| 10/18/2019 | 6.8 | 1.86 | 4.8 | 10.5 | 196.1 | 124.1 | 10.7 | 0.09 | 10.6 | 10.9 | 207.7 | 135.7 |
| 10/19/2019 | 10.0 | 0.16 | 9.8 | 10.3 | 206.1 | 130.1 | 10.1 | 0.21 | 9.9 | 10.7 | 217.8 | 141.8 |
| 10/20/2019 | 10.4 | 0.18 | 10.1 | 10.6 | 216.5 | 136.5 | 10.5 | 0.10 | 10.3 | 10.6 | 228.3 | 148.3 |
| 10/21/2019 | 10.4 | 0.05 | 10.3 | 10.5 | 226.9 | 142.9 | 10.6 | 0.09 | 10.5 | 10.7 | 238.8 | 154.8 |
| 10/22/2019 | 10.3 | 0.07 | 10.2 | 10.4 | 237.2 | 149.2 | 10.3 | 0.14 | 10.1 | 10.5 | 249.1 | 161.1 |
| 10/23/2019 | 9.9 | 0.61 | 8.4 | 10.4 | 247.1 | 155.1 | 10.4 | 0.08 | 10.2 | 10.5 | 259.4 | 167.4 |
| 10/24/2019 | 9.7 | 0.67 | 8.2 | 10.2 | 256.8 | 160.8 | 10.2 | 0.09 | 10.0 | 10.3 | 269.6 | 173.6 |
| 10/25/2019 | 10.0 | 0.08 | 9.9 | 10.1 | 266.8 | 166.8 | 10.0 | 0.09 | 9.9 | 10.1 | 279.6 | 179.6 |
| 10/26/2019 | 9.9 | 0.06 | 9.8 | 10.0 | 276.7 | 172.7 | 9.8 | 0.14 | 9.5 | 10.0 | 289.4 | 185.4 |
| 10/27/2019 | 9.8 | 0.03 | 9.8 | 9.9 | 286.5 | 178.5 | 9.6 | 0.18 | 9.3 | 9.9 | 299.0 | 191.0 |
| 10/28/2019 | 9.7 | 0.03 | 9.6 | 9.8 | 296.2 | 184.2 | 9.4 | 0.11 | 9.3 | 9.6 | 308.4 | 196.4 |
| 10/29/2019 | 9.6 | 0.06 | 9.5 | 9.7 | 305.8 | 189.8 | 9.4 | 0.16 | 9.1 | 9.6 | 317.8 | 201.8 |
| 10/30/2019 | 9.5 | 0.07 | 9.4 | 9.6 | 315.3 | 195.3 | 9.6 | 0.09 | 9.4 | 9.7 | 327.5 | 207.5 |
| 10/31/2019 | 9.5 | 0.05 | 9.5 | 9.6 | 324.8 | 200.8 | 9.5 | 0.23 | 9.1 | 9.7 | 336.9 | 212.9 |

November

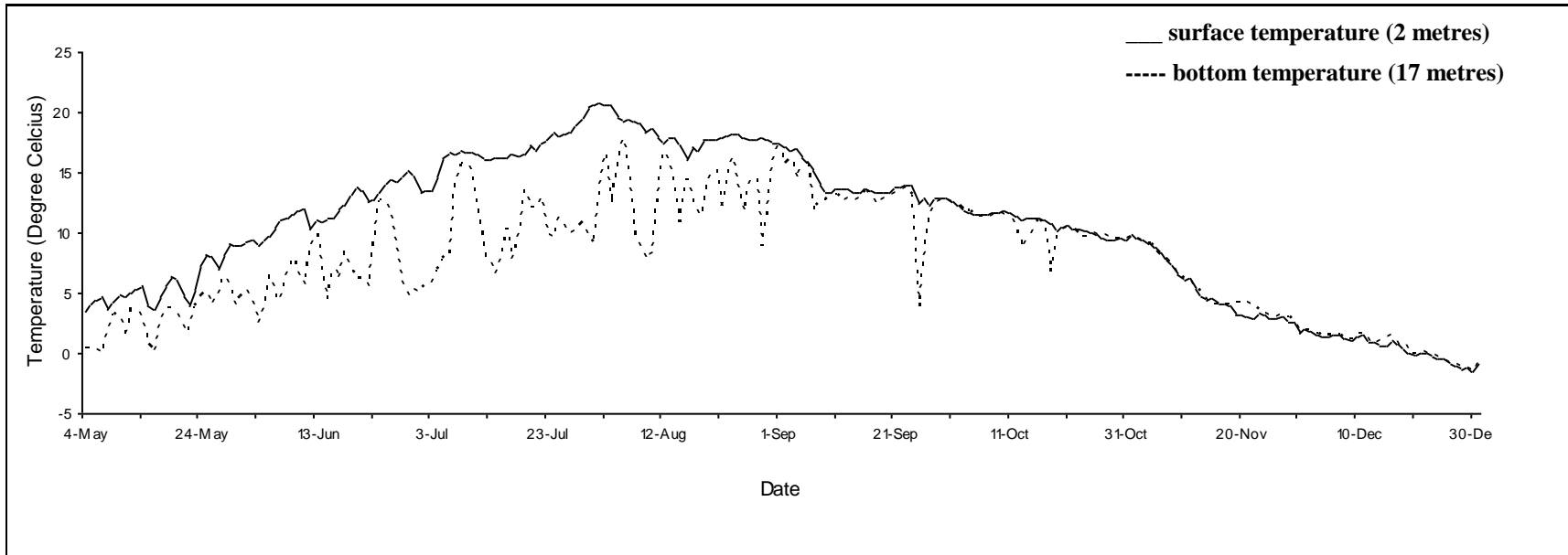
| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 11/1/2019 | 9.7 | 0.15 | 9.5 | 9.9 | 9.7 | 5.7 | 9.9 | 0.07 | 9.7 | 9.9 | 9.9 | 5.9 |
| 11/2/2019 | 9.6 | 0.12 | 9.5 | 9.8 | 19.2 | 11.2 | 9.6 | 0.12 | 9.5 | 9.8 | 19.4 | 11.4 |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 11/3/2019 | 9.5 | 0.12 | 9.4 | 9.6 | 28.7 | 16.7 | 9.4 | 0.06 | 9.3 | 9.5 | 28.8 | 16.8 |
| 11/4/2019 | 9.1 | 0.11 | 9.0 | 9.4 | 37.8 | 21.8 | 9.1 | 0.11 | 8.9 | 9.4 | 37.9 | 21.9 |
| 11/5/2019 | 8.4 | 0.62 | 7.6 | 9.1 | 46.3 | 26.3 | 8.8 | 0.07 | 8.7 | 9.0 | 46.7 | 26.7 |
| 11/6/2019 | 8.1 | 0.23 | 7.8 | 8.5 | 54.4 | 30.4 | 8.3 | 0.32 | 7.8 | 8.7 | 55.1 | 31.1 |
| 11/7/2019 | 7.7 | 0.06 | 7.6 | 7.8 | 62.1 | 34.1 | 7.7 | 0.06 | 7.6 | 7.8 | 62.8 | 34.8 |
| 11/8/2019 | 7.3 | 0.28 | 7.0 | 7.7 | 69.4 | 37.4 | 7.3 | 0.23 | 7.0 | 7.7 | 70.1 | 38.1 |
| 11/9/2019 | 6.6 | 0.31 | 6.1 | 7.0 | 76.0 | 40.0 | 6.5 | 0.29 | 6.1 | 7.0 | 76.7 | 40.7 |
| 11/10/2019 | 6.1 | 0.10 | 5.9 | 6.3 | 82.0 | 42.0 | 6.0 | 0.22 | 5.7 | 6.3 | 82.7 | 42.7 |
| 11/11/2019 | 6.1 | 0.21 | 5.8 | 6.3 | 88.1 | 44.1 | 6.2 | 0.20 | 5.8 | 6.4 | 88.8 | 44.8 |
| 11/12/2019 | 5.5 | 0.22 | 5.2 | 5.9 | 93.6 | 45.6 | 5.2 | 0.57 | 4.1 | 5.8 | 94.1 | 46.1 |
| 11/13/2019 | 5.0 | 0.23 | 4.5 | 5.3 | 98.6 | 46.6 | 4.6 | 0.34 | 3.8 | 5.1 | 98.7 | 46.7 |
| 11/14/2019 | 4.4 | 0.10 | 4.3 | 4.6 | 103.0 | 47.0 | 4.4 | 0.22 | 4.1 | 4.8 | 103.1 | 47.1 |
| 11/15/2019 | 4.2 | 0.10 | 4.0 | 4.4 | 107.2 | 47.2 | 4.6 | 0.09 | 4.3 | 4.7 | 107.7 | 47.7 |
| 11/16/2019 | 4.2 | 0.08 | 4.0 | 4.3 | 111.3 | 47.3 | 4.2 | 0.07 | 4.0 | 4.3 | 111.9 | 47.9 |
| 11/17/2019 | 4.1 | 0.09 | 3.9 | 4.2 | 115.4 | 47.4 | 4.0 | 0.07 | 3.9 | 4.2 | 115.9 | 47.9 |
| 11/18/2019 | 4.0 | 0.18 | 3.8 | 4.5 | 119.4 | 47.4 | 3.9 | 0.10 | 3.8 | 4.1 | 119.8 | 47.9 |
| 11/19/2019 | 4.3 | 0.13 | 4.1 | 4.4 | 123.7 | 47.7 | 3.2 | 0.57 | 2.4 | 3.9 | 123.0 | 47.9 |
| 11/20/2019 | 4.2 | 0.10 | 4.0 | 4.3 | 127.9 | 47.9 | 3.1 | 0.32 | 2.6 | 3.6 | 126.1 | 47.9 |
| 11/21/2019 | 4.2 | 0.16 | 3.8 | 4.4 | 132.1 | 48.1 | 3.1 | 0.67 | 2.3 | 3.9 | 129.2 | 47.9 |
| 11/22/2019 | 4.1 | 0.03 | 4.1 | 4.2 | 136.2 | 48.2 | 2.9 | 0.57 | 2.1 | 3.6 | 132.1 | 47.9 |
| 11/23/2019 | 3.5 | 0.31 | 3.2 | 4.1 | 139.7 | 48.2 | 3.4 | 0.14 | 3.1 | 3.6 | 135.5 | 47.9 |
| 11/24/2019 | 3.3 | 0.09 | 3.2 | 3.5 | 143.0 | 48.2 | 3.3 | 0.14 | 3.0 | 3.5 | 138.7 | 47.9 |
| 11/25/2019 | 3.0 | 0.22 | 2.7 | 3.4 | 146.0 | 48.2 | 2.9 | 0.23 | 2.5 | 3.2 | 141.7 | 47.9 |
| 11/26/2019 | 3.1 | 0.19 | 2.6 | 3.4 | 149.1 | 48.2 | 3.0 | 0.28 | 2.3 | 3.3 | 144.6 | 47.9 |
| 11/27/2019 | 3.2 | 0.04 | 3.1 | 3.3 | 152.3 | 48.2 | 3.1 | 0.20 | 2.5 | 3.2 | 147.7 | 47.9 |
| 11/28/2019 | 3.0 | 0.12 | 2.8 | 3.2 | 155.3 | 48.2 | 2.6 | 0.41 | 2.0 | 3.1 | 150.3 | 47.9 |
| 11/29/2019 | 2.7 | 0.34 | 1.8 | 3.0 | 158.0 | 48.2 | 2.6 | 0.39 | 1.8 | 3.0 | 152.9 | 47.9 |
| 11/30/2019 | 1.9 | 0.20 | 1.5 | 2.3 | 159.9 | 48.2 | 1.6 | 0.28 | 1.3 | 2.2 | 154.5 | 47.9 |

December

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 12/1/2019 | 2.0 | 0.17 | 1.7 | 2.2 | 2.0 | 0.0 | 1.9 | 0.18 | 1.6 | 2.2 | 1.9 | 0.0 |
| 12/2/2019 | 2.0 | 0.20 | 1.6 | 2.3 | 4.0 | 0.0 | 1.8 | 0.10 | 1.5 | 1.9 | 3.7 | 0.0 |
| 12/3/2019 | 1.7 | 0.38 | 1.1 | 2.3 | 5.7 | 0.0 | 1.6 | 0.32 | 1.0 | 2.0 | 5.3 | 0.0 |
| 12/4/2019 | 1.4 | 0.37 | 0.8 | 1.9 | 7.1 | 0.0 | 1.4 | 0.44 | 0.6 | 1.9 | 6.6 | 0.0 |
| 12/5/2019 | 1.6 | 0.20 | 1.3 | 1.8 | 8.7 | 0.0 | 1.4 | 0.31 | 0.9 | 1.7 | 8.0 | 0.0 |
| 12/6/2019 | 1.6 | 0.17 | 1.3 | 1.9 | 10.3 | 0.0 | 1.6 | 0.20 | 1.2 | 1.9 | 9.6 | 0.0 |
| 12/7/2019 | 1.5 | 0.21 | 1.2 | 1.9 | 11.8 | 0.0 | 1.5 | 0.23 | 1.1 | 1.8 | 11.0 | 0.0 |
| 12/8/2019 | 1.3 | 0.10 | 1.1 | 1.5 | 13.1 | 0.0 | 1.2 | 0.12 | 1.0 | 1.4 | 12.2 | 0.0 |
| 12/9/2019 | 1.3 | 0.13 | 1.1 | 1.5 | 14.4 | 0.0 | 1.0 | 0.15 | 0.8 | 1.3 | 13.2 | 0.0 |
| 12/10/2019 | 1.6 | 0.20 | 1.3 | 2.0 | 16.0 | 0.0 | 1.4 | 0.28 | 1.1 | 1.9 | 14.7 | 0.0 |
| 12/11/2019 | 1.6 | 0.19 | 1.3 | 1.8 | 17.6 | 0.0 | 1.5 | 0.23 | 1.1 | 1.8 | 16.2 | 0.0 |
| 12/12/2019 | 1.0 | 0.28 | 0.6 | 1.4 | 18.6 | 0.0 | 0.9 | 0.24 | 0.5 | 1.2 | 17.1 | 0.0 |
| 12/13/2019 | 1.0 | 0.15 | 0.7 | 1.2 | 19.6 | 0.0 | 0.8 | 0.23 | 0.4 | 1.2 | 18.0 | 0.0 |
| 12/14/2019 | 1.0 | 0.14 | 0.8 | 1.2 | 20.6 | 0.0 | 0.6 | 0.29 | 0.2 | 1.0 | 18.5 | 0.0 |
| 12/15/2019 | 1.3 | 0.15 | 1.0 | 1.4 | 21.9 | 0.0 | 0.7 | 0.64 | -0.3 | 1.4 | 19.2 | 0.0 |
| 12/16/2019 | 1.5 | 0.16 | 1.2 | 1.7 | 23.4 | 0.0 | 1.0 | 0.10 | 0.8 | 1.1 | 20.3 | 0.0 |
| 12/17/2019 | 0.8 | 0.15 | 0.6 | 1.2 | 24.2 | 0.0 | 0.7 | 0.12 | 0.5 | 0.9 | 21.0 | 0.0 |
| 12/18/2019 | 0.8 | 0.25 | 0.5 | 1.2 | 25.1 | 0.0 | 0.3 | 0.15 | 0.0 | 0.5 | 21.2 | 0.0 |
| 12/19/2019 | 0.1 | 0.15 | -0.1 | 0.4 | 25.2 | 0.0 | 0.0 | 0.13 | -0.3 | 0.2 | 21.2 | 0.0 |
| 12/20/2019 | 0.0 | 0.11 | -0.2 | 0.2 | 25.2 | 0.0 | -0.1 | 0.13 | -0.4 | 0.1 | 21.2 | 0.0 |
| 12/21/2019 | 0.2 | 0.04 | 0.1 | 0.2 | 25.3 | 0.0 | 0.1 | 0.07 | -0.1 | 0.1 | 21.3 | 0.0 |
| 12/22/2019 | 0.1 | 0.11 | -0.1 | 0.3 | 25.4 | 0.0 | -0.1 | 0.12 | -0.2 | 0.2 | 21.3 | 0.0 |
| 12/23/2019 | -0.2 | 0.15 | -0.4 | 0.1 | 25.4 | 0.0 | -0.3 | 0.16 | -0.5 | -0.1 | 21.3 | 0.0 |
| 12/24/2019 | -0.3 | 0.30 | -0.6 | 0.2 | 25.4 | 0.0 | -0.4 | 0.36 | -0.9 | 0.2 | 21.3 | 0.0 |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 12/25/2019 | -0.4 | 0.21 | -0.9 | -0.2 | 25.4 | 0.0 | -0.5 | 0.26 | -1.1 | -0.3 | 21.3 | 0.0 |
| 12/26/2019 | -0.8 | 0.17 | -1.1 | -0.5 | 25.4 | 0.0 | -0.9 | 0.20 | -1.2 | -0.6 | 21.3 | 0.0 |
| 12/27/2019 | -1.0 | 0.21 | -1.2 | -0.5 | 25.4 | 0.0 | -1.1 | 0.25 | -1.3 | -0.5 | 21.3 | 0.0 |
| 12/28/2019 | -1.2 | 0.11 | -1.3 | -1.0 | 25.4 | 0.0 | -1.3 | 0.15 | -1.5 | -1.0 | 21.3 | 0.0 |
| 12/29/2019 | -1.2 | 0.05 | -1.2 | -1.1 | 25.4 | 0.0 | -1.3 | 0.06 | -1.4 | -1.2 | 21.3 | 0.0 |
| 12/30/2019 | -1.4 | 0.12 | -1.5 | -1.2 | 25.4 | 0.0 | -1.5 | 0.15 | -1.6 | -1.2 | 21.3 | 0.0 |
| 12/31/2019 | -0.8 | 0.37 | -1.5 | -0.4 | 25.4 | 0.0 | -0.8 | 0.41 | -1.6 | -0.4 | 21.3 | 0.0 |



Daily mean temperature for Shippagan, N.B., 2019.

Skinners Pond, P.E.I.

2019

July

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/3/2019 | 12.2 | 1.12 | 11.1 | 14.3 | 12.2 | 8.2 | NA | NA | NA | NA | NA | NA |
| 7/4/2019 | 13.3 | 0.64 | 12.2 | 14.3 | 25.5 | 17.5 | NA | NA | NA | NA | NA | NA |
| 7/5/2019 | 13.6 | 0.89 | 12.4 | 15.0 | 39.1 | 27.1 | NA | NA | NA | NA | NA | NA |
| 7/6/2019 | 16.0 | 1.76 | 12.9 | 17.4 | 55.1 | 39.1 | NA | NA | NA | NA | NA | NA |
| 7/7/2019 | 16.9 | 0.26 | 16.4 | 17.2 | 72.0 | 52.0 | NA | NA | NA | NA | NA | NA |
| 7/8/2019 | 17.0 | 1.23 | 14.6 | 18.9 | 89.0 | 65.0 | NA | NA | NA | NA | NA | NA |
| 7/9/2019 | 17.9 | 0.62 | 16.7 | 18.5 | 106.9 | 78.9 | NA | NA | NA | NA | NA | NA |
| 7/10/2019 | 15.2 | 1.74 | 13.1 | 18.0 | 122.1 | 90.1 | NA | NA | NA | NA | NA | NA |
| 7/11/2019 | 14.9 | 1.26 | 13.7 | 16.7 | 136.9 | 100.9 | NA | NA | NA | NA | NA | NA |
| 7/12/2019 | 15.0 | 1.07 | 13.6 | 16.4 | 151.9 | 111.9 | NA | NA | NA | NA | NA | NA |
| 7/13/2019 | 15.9 | 1.14 | 13.4 | 17.2 | 167.8 | 123.8 | NA | NA | NA | NA | NA | NA |
| 7/14/2019 | 16.6 | 0.75 | 15.4 | 17.6 | 184.3 | 136.3 | NA | NA | NA | NA | NA | NA |
| 7/15/2019 | 17.4 | 0.28 | 16.8 | 17.6 | 201.7 | 149.7 | NA | NA | NA | NA | NA | NA |
| 7/16/2019 | 17.4 | 0.45 | 16.6 | 18.1 | 219.1 | 163.1 | NA | NA | NA | NA | NA | NA |
| 7/17/2019 | 18.7 | 0.65 | 17.0 | 19.3 | 237.8 | 177.8 | NA | NA | NA | NA | NA | NA |
| 7/18/2019 | 19.1 | 0.16 | 18.9 | 19.4 | 256.8 | 192.8 | NA | NA | NA | NA | NA | NA |
| 7/19/2019 | 19.0 | 0.54 | 17.9 | 20.0 | 275.8 | 207.8 | NA | NA | NA | NA | NA | NA |
| 7/20/2019 | 19.3 | 0.62 | 18.0 | 20.0 | 295.2 | 223.2 | NA | NA | NA | NA | NA | NA |
| 7/21/2019 | 16.2 | 0.72 | 14.7 | 17.1 | 311.3 | 235.3 | NA | NA | NA | NA | NA | NA |
| 7/22/2019 | 15.9 | 0.89 | 14.6 | 18.3 | 327.3 | 247.3 | NA | NA | NA | NA | NA | NA |
| 7/23/2019 | 16.3 | 1.54 | 14.4 | 18.7 | 343.6 | 259.6 | NA | NA | NA | NA | NA | NA |
| 7/24/2019 | 17.9 | 1.43 | 15.7 | 19.8 | 361.5 | 273.5 | NA | NA | NA | NA | NA | NA |
| 7/25/2019 | 16.0 | 0.95 | 14.8 | 17.5 | 377.5 | 285.5 | NA | NA | NA | NA | NA | NA |
| 7/26/2019 | 16.2 | 1.98 | 14.4 | 19.4 | 393.7 | 297.7 | NA | NA | NA | NA | NA | NA |
| 7/27/2019 | 19.7 | 1.09 | 17.1 | 20.6 | 413.4 | 313.4 | NA | NA | NA | NA | NA | NA |
| 7/28/2019 | 20.4 | 0.29 | 19.9 | 20.8 | 433.8 | 329.8 | NA | NA | NA | NA | NA | NA |
| 7/29/2019 | 20.6 | 0.12 | 20.4 | 20.8 | 454.4 | 346.4 | NA | NA | NA | NA | NA | NA |
| 7/30/2019 | 20.7 | 0.39 | 20.2 | 21.5 | 475.0 | 363.0 | NA | NA | NA | NA | NA | NA |
| 7/31/2019 | 21.6 | 0.58 | 20.4 | 22.2 | 496.6 | 380.6 | NA | NA | NA | NA | NA | NA |

August

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/1/2019 | 21.3 | 1.05 | 19.1 | 22.2 | 21.3 | 17.3 | NA | NA | NA | NA | NA | NA |
| 8/2/2019 | 21.1 | 1.01 | 19.1 | 22.1 | 42.4 | 34.4 | NA | NA | NA | NA | NA | NA |
| 8/3/2019 | 21.2 | 1.38 | 17.2 | 22.3 | 63.7 | 51.7 | NA | NA | NA | NA | NA | NA |
| 8/4/2019 | 20.9 | 2.03 | 16.7 | 22.2 | 84.6 | 68.6 | NA | NA | NA | NA | NA | NA |
| 8/5/2019 | 19.8 | 2.20 | 16.0 | 21.6 | 104.4 | 84.4 | NA | NA | NA | NA | NA | NA |
| 8/6/2019 | 18.1 | 2.19 | 15.4 | 21.1 | 122.5 | 98.5 | NA | NA | NA | NA | NA | NA |
| 8/7/2019 | 18.4 | 1.62 | 16.3 | 20.5 | 140.9 | 112.9 | NA | NA | NA | NA | NA | NA |
| 8/8/2019 | 20.1 | 1.07 | 17.7 | 21.0 | 161.0 | 129.0 | NA | NA | NA | NA | NA | NA |
| 8/9/2019 | 20.7 | 0.14 | 20.5 | 20.9 | 181.7 | 145.7 | NA | NA | NA | NA | NA | NA |
| 8/10/2019 | 20.1 | 1.05 | 17.8 | 21.0 | 201.8 | 161.8 | NA | NA | NA | NA | NA | NA |
| 8/11/2019 | 20.2 | 0.11 | 20.1 | 20.4 | 222.0 | 178.0 | NA | NA | NA | NA | NA | NA |
| 8/12/2019 | 20.0 | 0.09 | 19.8 | 20.1 | 242.0 | 194.0 | NA | NA | NA | NA | NA | NA |
| 8/13/2019 | 20.0 | 0.15 | 19.8 | 20.2 | 262.0 | 210.0 | NA | NA | NA | NA | NA | NA |
| 8/14/2019 | 19.8 | 0.10 | 19.6 | 20.0 | 281.8 | 225.8 | NA | NA | NA | NA | NA | NA |
| 8/15/2019 | 19.4 | 0.58 | 18.1 | 20.0 | 301.2 | 241.2 | NA | NA | NA | NA | NA | NA |

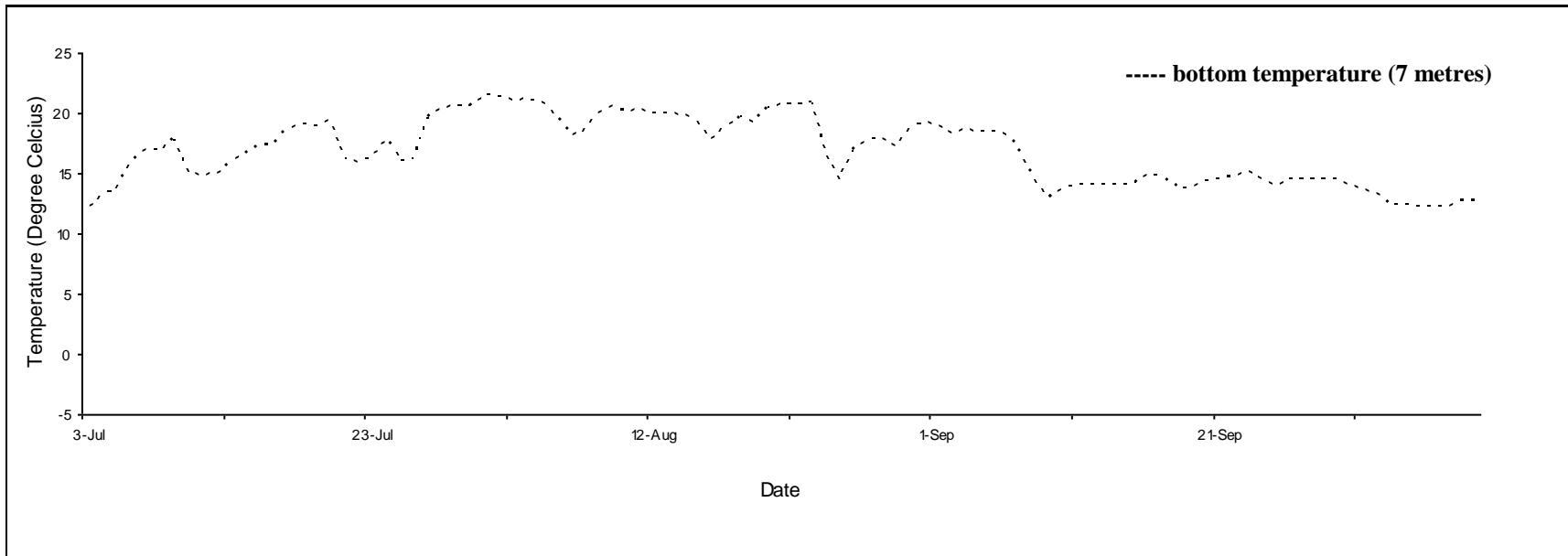
| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/16/2019 | 17.8 | 0.49 | 16.9 | 18.5 | 319.1 | 255.1 | NA | NA | NA | NA | NA | NA |
| 8/17/2019 | 18.9 | 1.71 | 15.2 | 20.7 | 338.0 | 270.0 | NA | NA | NA | NA | NA | NA |
| 8/18/2019 | 19.7 | 0.81 | 18.4 | 20.5 | 357.7 | 285.7 | NA | NA | NA | NA | NA | NA |
| 8/19/2019 | 19.2 | 1.03 | 17.4 | 20.4 | 376.9 | 300.9 | NA | NA | NA | NA | NA | NA |
| 8/20/2019 | 20.5 | 0.20 | 20.1 | 20.8 | 397.4 | 317.4 | NA | NA | NA | NA | NA | NA |
| 8/21/2019 | 20.7 | 0.17 | 20.5 | 21.0 | 418.2 | 334.2 | NA | NA | NA | NA | NA | NA |
| 8/22/2019 | 20.8 | 0.27 | 20.5 | 21.1 | 438.9 | 350.9 | NA | NA | NA | NA | NA | NA |
| 8/23/2019 | 21.0 | 0.19 | 20.6 | 21.3 | 459.9 | 367.9 | NA | NA | NA | NA | NA | NA |
| 8/24/2019 | 16.9 | 4.25 | 11.8 | 21.1 | 476.8 | 380.8 | NA | NA | NA | NA | NA | NA |
| 8/25/2019 | 14.5 | 1.48 | 11.9 | 16.4 | 491.4 | 391.4 | NA | NA | NA | NA | NA | NA |
| 8/26/2019 | 16.9 | 1.01 | 15.4 | 18.2 | 508.3 | 404.3 | NA | NA | NA | NA | NA | NA |
| 8/27/2019 | 17.7 | 0.74 | 15.9 | 18.6 | 525.9 | 417.9 | NA | NA | NA | NA | NA | NA |
| 8/28/2019 | 18.0 | 0.53 | 16.6 | 18.5 | 543.9 | 431.9 | NA | NA | NA | NA | NA | NA |
| 8/29/2019 | 17.3 | 1.06 | 15.0 | 18.2 | 561.2 | 445.2 | NA | NA | NA | NA | NA | NA |
| 8/30/2019 | 18.8 | 0.36 | 18.2 | 19.4 | 580.0 | 460.0 | NA | NA | NA | NA | NA | NA |
| 8/31/2019 | 19.3 | 0.08 | 19.2 | 19.4 | 599.3 | 475.3 | NA | NA | NA | NA | NA | NA |

September

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/1/2019 | 19.1 | 0.17 | 18.9 | 19.4 | 19.1 | 15.1 | NA | NA | NA | NA | NA | NA |
| 9/2/2019 | 18.3 | 0.90 | 15.6 | 18.9 | 37.4 | 29.4 | NA | NA | NA | NA | NA | NA |
| 9/3/2019 | 18.6 | 0.07 | 18.5 | 18.7 | 56.0 | 44.0 | NA | NA | NA | NA | NA | NA |
| 9/4/2019 | 18.5 | 0.09 | 18.3 | 18.6 | 74.4 | 58.4 | NA | NA | NA | NA | NA | NA |
| 9/5/2019 | 18.5 | 0.09 | 18.4 | 18.6 | 92.9 | 72.9 | NA | NA | NA | NA | NA | NA |
| 9/6/2019 | 18.1 | 0.12 | 18.0 | 18.4 | 111.0 | 87.0 | NA | NA | NA | NA | NA | NA |
| 9/7/2019 | 16.4 | 1.24 | 13.9 | 17.8 | 127.5 | 99.5 | NA | NA | NA | NA | NA | NA |
| 9/8/2019 | 14.0 | 1.14 | 12.6 | 15.8 | 141.4 | 109.4 | NA | NA | NA | NA | NA | NA |
| 9/9/2019 | 13.1 | 0.13 | 12.9 | 13.3 | 154.5 | 118.5 | NA | NA | NA | NA | NA | NA |
| 9/10/2019 | 13.8 | 0.49 | 13.2 | 14.6 | 168.3 | 128.3 | NA | NA | NA | NA | NA | NA |
| 9/11/2019 | 14.1 | 0.16 | 13.9 | 14.4 | 182.4 | 138.4 | NA | NA | NA | NA | NA | NA |
| 9/12/2019 | 14.1 | 0.19 | 13.9 | 14.4 | 196.5 | 148.5 | NA | NA | NA | NA | NA | NA |
| 9/13/2019 | 14.1 | 0.10 | 13.9 | 14.2 | 210.6 | 158.6 | NA | NA | NA | NA | NA | NA |
| 9/14/2019 | 14.1 | 0.04 | 14.0 | 14.2 | 224.7 | 168.7 | NA | NA | NA | NA | NA | NA |
| 9/15/2019 | 14.3 | 0.46 | 13.8 | 15.0 | 239.0 | 179.0 | NA | NA | NA | NA | NA | NA |
| 9/16/2019 | 14.9 | 0.08 | 14.8 | 15.1 | 254.0 | 190.0 | NA | NA | NA | NA | NA | NA |
| 9/17/2019 | 14.6 | 0.22 | 14.3 | 15.0 | 268.6 | 200.6 | NA | NA | NA | NA | NA | NA |
| 9/18/2019 | 13.8 | 0.11 | 13.7 | 14.1 | 282.4 | 210.4 | NA | NA | NA | NA | NA | NA |
| 9/19/2019 | 13.7 | 0.48 | 13.1 | 14.6 | 296.2 | 220.2 | NA | NA | NA | NA | NA | NA |
| 9/20/2019 | 14.3 | 0.10 | 14.2 | 14.5 | 310.5 | 230.5 | NA | NA | NA | NA | NA | NA |
| 9/21/2019 | 14.5 | 0.24 | 14.1 | 14.8 | 325.0 | 241.0 | NA | NA | NA | NA | NA | NA |
| 9/22/2019 | 14.7 | 0.28 | 14.3 | 15.1 | 339.7 | 251.7 | NA | NA | NA | NA | NA | NA |
| 9/23/2019 | 15.2 | 0.05 | 15.1 | 15.2 | 354.8 | 262.8 | NA | NA | NA | NA | NA | NA |
| 9/24/2019 | 14.4 | 0.92 | 12.4 | 15.1 | 369.2 | 273.2 | NA | NA | NA | NA | NA | NA |
| 9/25/2019 | 13.9 | 0.88 | 12.4 | 14.7 | 383.2 | 283.2 | NA | NA | NA | NA | NA | NA |
| 9/26/2019 | 14.5 | 0.08 | 14.3 | 14.6 | 397.7 | 293.7 | NA | NA | NA | NA | NA | NA |
| 9/27/2019 | 14.5 | 0.17 | 14.3 | 14.7 | 412.2 | 304.2 | NA | NA | NA | NA | NA | NA |
| 9/28/2019 | 14.5 | 0.07 | 14.4 | 14.7 | 426.8 | 314.8 | NA | NA | NA | NA | NA | NA |
| 9/29/2019 | 14.6 | 0.07 | 14.4 | 14.7 | 441.3 | 325.3 | NA | NA | NA | NA | NA | NA |
| 9/30/2019 | 14.0 | 0.14 | 13.9 | 14.3 | 455.4 | 335.4 | NA | NA | NA | NA | NA | NA |

October

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/1/2019 | 13.8 | 0.10 | 13.6 | 14.0 | 13.8 | 9.8 | NA | NA | NA | NA | NA | NA |
| 10/2/2019 | 13.3 | 0.35 | 12.8 | 13.8 | 27.1 | 19.1 | NA | NA | NA | NA | NA | NA |
| 10/3/2019 | 12.5 | 0.25 | 12.0 | 13.0 | 39.6 | 27.6 | NA | NA | NA | NA | NA | NA |
| 10/4/2019 | 12.5 | 0.15 | 12.3 | 12.7 | 52.0 | 36.0 | NA | NA | NA | NA | NA | NA |
| 10/5/2019 | 12.3 | 0.45 | 11.7 | 12.8 | 64.3 | 44.3 | NA | NA | NA | NA | NA | NA |
| 10/6/2019 | 12.3 | 0.10 | 12.1 | 12.4 | 76.6 | 52.6 | NA | NA | NA | NA | NA | NA |
| 10/7/2019 | 12.3 | 0.20 | 12.1 | 12.6 | 88.9 | 60.9 | NA | NA | NA | NA | NA | NA |
| 10/8/2019 | 12.7 | 0.09 | 12.5 | 12.8 | 101.5 | 69.5 | NA | NA | NA | NA | NA | NA |
| 10/9/2019 | 12.7 | 0.06 | 12.6 | 12.8 | 114.2 | 78.2 | NA | NA | NA | NA | NA | NA |



Daily mean temperature for Skinners Pond, P.E.I., 2019.

Souris, P.E.I.

2019

April

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 4/30/2019 | 0.2 | 0.03 | 0.2 | 0.2 | 0.2 | 0.0 | NA | NA | NA | NA | NA | NA |

May

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 5/1/2019 | 0.3 | 0.02 | 0.2 | 0.3 | 0.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/2/2019 | 0.4 | 0.09 | 0.3 | 0.6 | 0.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/3/2019 | 0.5 | 0.05 | 0.4 | 0.6 | 1.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/4/2019 | 0.6 | 0.05 | 0.5 | 0.7 | 1.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/5/2019 | 0.6 | 0.06 | 0.5 | 0.7 | 2.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/6/2019 | 0.8 | 0.07 | 0.7 | 0.9 | 3.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/7/2019 | 0.9 | 0.08 | 0.8 | 1.0 | 4.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/8/2019 | 0.7 | 0.19 | 0.5 | 1.0 | 4.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/9/2019 | 0.5 | 0.08 | 0.4 | 0.7 | 5.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/10/2019 | 1.1 | 0.21 | 0.6 | 1.3 | 6.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/11/2019 | 1.1 | 0.29 | 0.7 | 1.4 | 7.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/12/2019 | 0.3 | 0.14 | 0.2 | 0.6 | 7.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/13/2019 | 0.5 | 0.13 | 0.3 | 0.8 | 8.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/14/2019 | 1.0 | 0.23 | 0.6 | 1.3 | 9.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/15/2019 | 3.5 | 1.23 | 1.3 | 4.3 | 12.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/16/2019 | 2.2 | 0.73 | 1.6 | 4.2 | 14.9 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/17/2019 | 2.5 | 0.33 | 1.9 | 2.9 | 17.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/18/2019 | 2.5 | 0.25 | 2.1 | 2.8 | 20.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/19/2019 | 3.1 | 0.41 | 2.5 | 3.6 | 23.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/20/2019 | 2.5 | 0.18 | 2.2 | 2.8 | 25.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/21/2019 | 2.4 | 0.27 | 2.0 | 2.8 | 28.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/22/2019 | 2.3 | 0.34 | 1.7 | 3.0 | 30.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/23/2019 | 2.9 | 0.25 | 2.5 | 3.3 | 33.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/24/2019 | 2.8 | 0.12 | 2.6 | 3.0 | 36.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/25/2019 | 2.5 | 0.29 | 2.0 | 2.8 | 38.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/26/2019 | 2.4 | 0.14 | 2.1 | 2.6 | 40.9 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/27/2019 | 2.5 | 0.08 | 2.3 | 2.6 | 43.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/28/2019 | 2.9 | 0.35 | 2.6 | 3.3 | 46.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/29/2019 | 3.4 | 0.14 | 3.2 | 3.7 | 49.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/30/2019 | 3.7 | 0.30 | 3.5 | 4.4 | 53.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/31/2019 | 5.0 | 0.33 | 4.3 | 5.3 | 58.4 | 1.0 | NA | NA | NA | NA | NA | NA |

June

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/1/2019 | 5.3 | 0.40 | 4.5 | 5.6 | 5.3 | 1.3 | NA | NA | NA | NA | NA | NA |
| 6/2/2019 | 4.7 | 0.36 | 4.1 | 5.1 | 9.9 | 1.9 | NA | NA | NA | NA | NA | NA |
| 6/3/2019 | 5.1 | 0.31 | 4.8 | 5.9 | 15.0 | 3.0 | NA | NA | NA | NA | NA | NA |
| 6/4/2019 | 5.3 | 0.42 | 4.8 | 6.1 | 20.3 | 4.3 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/5/2019 | 5.2 | 0.13 | 5.0 | 5.4 | 25.6 | 5.6 | NA | NA | NA | NA | NA | NA |
| 6/6/2019 | 5.2 | 0.05 | 5.1 | 5.3 | 30.8 | 6.8 | NA | NA | NA | NA | NA | NA |
| 6/7/2019 | 5.3 | 0.09 | 5.1 | 5.4 | 36.0 | 8.0 | NA | NA | NA | NA | NA | NA |
| 6/8/2019 | 5.3 | 0.08 | 5.2 | 5.4 | 41.4 | 9.4 | NA | NA | NA | NA | NA | NA |
| 6/9/2019 | 5.8 | 0.18 | 5.5 | 6.1 | 47.2 | 11.2 | NA | NA | NA | NA | NA | NA |
| 6/10/2019 | 7.0 | 0.41 | 6.5 | 7.7 | 54.2 | 14.2 | NA | NA | NA | NA | NA | NA |
| 6/11/2019 | 8.1 | 0.13 | 7.8 | 8.3 | 62.3 | 18.3 | NA | NA | NA | NA | NA | NA |
| 6/12/2019 | 7.3 | 1.00 | 6.1 | 8.4 | 69.7 | 21.7 | NA | NA | NA | NA | NA | NA |
| 6/13/2019 | 6.4 | 0.26 | 6.0 | 6.9 | 76.1 | 24.1 | NA | NA | NA | NA | NA | NA |
| 6/14/2019 | 9.2 | 1.51 | 6.8 | 10.4 | 85.3 | 29.3 | NA | NA | NA | NA | NA | NA |
| 6/15/2019 | 10.0 | 0.24 | 9.5 | 10.4 | 95.3 | 35.3 | NA | NA | NA | NA | NA | NA |
| 6/16/2019 | 9.7 | 0.14 | 9.4 | 9.9 | 105.0 | 41.0 | NA | NA | NA | NA | NA | NA |
| 6/17/2019 | 9.3 | 0.26 | 8.7 | 9.6 | 114.3 | 46.3 | NA | NA | NA | NA | NA | NA |
| 6/18/2019 | 9.5 | 0.42 | 8.6 | 10.2 | 123.8 | 51.8 | NA | NA | NA | NA | NA | NA |
| 6/19/2019 | 10.1 | 0.15 | 9.9 | 10.5 | 134.0 | 58.0 | NA | NA | NA | NA | NA | NA |
| 6/20/2019 | 10.2 | 0.46 | 9.3 | 10.8 | 144.2 | 64.2 | NA | NA | NA | NA | NA | NA |
| 6/21/2019 | 10.3 | 0.49 | 9.7 | 11.1 | 154.4 | 70.4 | NA | NA | NA | NA | NA | NA |
| 6/22/2019 | 10.1 | 0.38 | 9.4 | 10.5 | 164.5 | 76.5 | NA | NA | NA | NA | NA | NA |
| 6/23/2019 | 9.8 | 0.96 | 8.6 | 11.3 | 174.3 | 82.3 | NA | NA | NA | NA | NA | NA |
| 6/24/2019 | 10.2 | 0.76 | 9.0 | 11.2 | 184.4 | 88.4 | NA | NA | NA | NA | NA | NA |
| 6/25/2019 | 10.0 | 0.47 | 9.3 | 11.1 | 194.5 | 94.5 | NA | NA | NA | NA | NA | NA |
| 6/26/2019 | 11.8 | 0.55 | 10.5 | 12.3 | 206.3 | 102.3 | NA | NA | NA | NA | NA | NA |
| 6/27/2019 | 11.1 | 0.41 | 10.7 | 11.8 | 217.4 | 109.4 | NA | NA | NA | NA | NA | NA |
| 6/28/2019 | 10.3 | 0.46 | 9.5 | 11.0 | 227.6 | 115.6 | NA | NA | NA | NA | NA | NA |
| 6/29/2019 | 8.9 | 0.44 | 8.2 | 9.6 | 236.6 | 120.6 | NA | NA | NA | NA | NA | NA |
| 6/30/2019 | 9.4 | 0.62 | 8.2 | 10.6 | 246.0 | 126.0 | NA | NA | NA | NA | NA | NA |

July

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/1/2019 | 11.5 | 1.30 | 9.4 | 13.1 | 11.5 | 7.5 | NA | NA | NA | NA | NA | NA |
| 7/2/2019 | 11.6 | 1.11 | 10.0 | 12.8 | 23.0 | 15.0 | NA | NA | NA | NA | NA | NA |
| 7/3/2019 | 8.0 | 0.58 | 7.1 | 8.9 | 31.0 | 19.0 | NA | NA | NA | NA | NA | NA |
| 7/4/2019 | 7.8 | 0.73 | 7.1 | 9.5 | 38.8 | 22.8 | NA | NA | NA | NA | NA | NA |
| 7/5/2019 | 9.3 | 0.49 | 8.4 | 10.5 | 48.1 | 28.1 | NA | NA | NA | NA | NA | NA |
| 7/6/2019 | 10.0 | 0.48 | 8.9 | 10.6 | 58.1 | 34.1 | NA | NA | NA | NA | NA | NA |
| 7/7/2019 | 9.9 | 0.49 | 9.2 | 10.8 | 68.0 | 40.0 | NA | NA | NA | NA | NA | NA |
| 7/8/2019 | 11.8 | 0.86 | 10.7 | 12.9 | 79.8 | 47.8 | NA | NA | NA | NA | NA | NA |
| 7/9/2019 | 12.4 | 0.48 | 11.4 | 12.9 | 92.2 | 56.2 | NA | NA | NA | NA | NA | NA |
| 7/10/2019 | 14.0 | 0.39 | 13.3 | 14.7 | 106.2 | 66.2 | NA | NA | NA | NA | NA | NA |
| 7/11/2019 | 14.6 | 0.68 | 13.2 | 15.8 | 120.9 | 76.9 | NA | NA | NA | NA | NA | NA |
| 7/12/2019 | 14.4 | 0.62 | 12.7 | 15.0 | 135.2 | 87.2 | NA | NA | NA | NA | NA | NA |
| 7/13/2019 | 11.2 | 1.24 | 9.1 | 13.2 | 146.4 | 94.4 | NA | NA | NA | NA | NA | NA |
| 7/14/2019 | 8.8 | 0.46 | 8.1 | 9.6 | 155.2 | 99.2 | NA | NA | NA | NA | NA | NA |
| 7/15/2019 | 7.9 | 0.45 | 7.5 | 8.8 | 163.2 | 103.2 | NA | NA | NA | NA | NA | NA |
| 7/16/2019 | 8.5 | 1.15 | 7.3 | 11.1 | 171.7 | 107.7 | NA | NA | NA | NA | NA | NA |
| 7/17/2019 | 12.0 | 1.12 | 10.2 | 13.6 | 183.7 | 115.7 | NA | NA | NA | NA | NA | NA |
| 7/18/2019 | 11.9 | 1.60 | 9.3 | 14.2 | 195.6 | 123.6 | NA | NA | NA | NA | NA | NA |
| 7/19/2019 | 15.5 | 1.30 | 14.0 | 17.3 | 211.1 | 135.1 | NA | NA | NA | NA | NA | NA |
| 7/20/2019 | 12.1 | 1.62 | 9.8 | 14.4 | 223.2 | 143.2 | NA | NA | NA | NA | NA | NA |
| 7/21/2019 | 12.3 | 1.71 | 10.0 | 15.3 | 235.5 | 151.5 | NA | NA | NA | NA | NA | NA |
| 7/22/2019 | 11.2 | 1.37 | 9.6 | 14.2 | 246.7 | 158.7 | NA | NA | NA | NA | NA | NA |
| 7/23/2019 | 12.4 | 1.11 | 10.6 | 13.6 | 259.1 | 167.1 | NA | NA | NA | NA | NA | NA |
| 7/24/2019 | 11.3 | 1.03 | 9.6 | 13.5 | 270.4 | 174.4 | NA | NA | NA | NA | NA | NA |
| 7/25/2019 | 11.3 | 0.76 | 9.9 | 12.4 | 281.7 | 181.7 | NA | NA | NA | NA | NA | NA |
| 7/26/2019 | 11.5 | 1.02 | 9.7 | 12.5 | 293.2 | 189.2 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/27/2019 | 11.3 | 1.40 | 8.7 | 12.8 | 304.5 | 196.5 | NA | NA | NA | NA | NA | NA |
| 7/28/2019 | 10.8 | 0.89 | 8.9 | 11.7 | 315.3 | 203.3 | NA | NA | NA | NA | NA | NA |
| 7/29/2019 | 10.9 | 0.66 | 10.1 | 12.2 | 326.2 | 210.2 | NA | NA | NA | NA | NA | NA |
| 7/30/2019 | 11.6 | 1.20 | 9.1 | 13.3 | 337.8 | 217.8 | NA | NA | NA | NA | NA | NA |
| 7/31/2019 | 13.5 | 1.82 | 11.3 | 17.4 | 351.3 | 227.3 | NA | NA | NA | NA | NA | NA |

August

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/1/2019 | 12.5 | 0.84 | 11.0 | 13.7 | 12.5 | 8.5 | NA | NA | NA | NA | NA | NA |
| 8/2/2019 | 13.4 | 2.21 | 10.0 | 16.9 | 25.9 | 17.9 | NA | NA | NA | NA | NA | NA |
| 8/3/2019 | 13.3 | 2.24 | 10.5 | 16.9 | 39.1 | 27.1 | NA | NA | NA | NA | NA | NA |
| 8/4/2019 | 12.7 | 1.95 | 10.8 | 16.3 | 51.8 | 35.8 | NA | NA | NA | NA | NA | NA |
| 8/5/2019 | 13.8 | 1.94 | 11.1 | 17.2 | 65.5 | 45.5 | NA | NA | NA | NA | NA | NA |
| 8/6/2019 | 16.6 | 2.32 | 12.6 | 19.3 | 82.2 | 58.2 | NA | NA | NA | NA | NA | NA |
| 8/7/2019 | 15.7 | 2.30 | 12.3 | 19.3 | 97.9 | 69.9 | NA | NA | NA | NA | NA | NA |
| 8/8/2019 | 13.0 | 1.51 | 11.2 | 16.2 | 110.9 | 78.9 | NA | NA | NA | NA | NA | NA |
| 8/9/2019 | 12.0 | 2.62 | 9.3 | 17.5 | 122.9 | 86.9 | NA | NA | NA | NA | NA | NA |
| 8/10/2019 | 8.2 | 0.26 | 7.8 | 8.7 | 131.1 | 91.1 | NA | NA | NA | NA | NA | NA |
| 8/11/2019 | 8.7 | 1.11 | 7.1 | 10.4 | 139.8 | 95.8 | NA | NA | NA | NA | NA | NA |
| 8/12/2019 | 11.4 | 2.19 | 6.6 | 13.9 | 151.2 | 103.2 | NA | NA | NA | NA | NA | NA |
| 8/13/2019 | 15.4 | 1.83 | 13.1 | 17.9 | 166.6 | 114.6 | NA | NA | NA | NA | NA | NA |
| 8/14/2019 | 17.9 | 1.59 | 14.4 | 19.4 | 184.5 | 128.5 | NA | NA | NA | NA | NA | NA |
| 8/15/2019 | 16.6 | 1.31 | 13.6 | 18.4 | 201.1 | 141.1 | NA | NA | NA | NA | NA | NA |
| 8/16/2019 | 15.0 | 2.15 | 12.5 | 19.0 | 216.1 | 152.1 | NA | NA | NA | NA | NA | NA |
| 8/17/2019 | 10.8 | 0.88 | 9.6 | 12.5 | 226.9 | 158.9 | NA | NA | NA | NA | NA | NA |
| 8/18/2019 | 11.4 | 1.43 | 10.0 | 14.5 | 238.3 | 166.3 | NA | NA | NA | NA | NA | NA |
| 8/19/2019 | 12.2 | 1.99 | 9.7 | 16.2 | 250.4 | 174.4 | NA | NA | NA | NA | NA | NA |
| 8/20/2019 | 10.4 | 1.20 | 9.3 | 13.5 | 260.8 | 180.8 | NA | NA | NA | NA | NA | NA |
| 8/21/2019 | 13.2 | 2.70 | 9.8 | 17.3 | 274.1 | 190.1 | NA | NA | NA | NA | NA | NA |
| 8/22/2019 | 14.7 | 2.39 | 10.6 | 17.6 | 288.8 | 200.8 | NA | NA | NA | NA | NA | NA |
| 8/23/2019 | 12.9 | 2.10 | 10.4 | 18.3 | 301.7 | 209.7 | NA | NA | NA | NA | NA | NA |
| 8/24/2019 | 14.2 | 2.73 | 10.0 | 19.4 | 315.9 | 219.9 | NA | NA | NA | NA | NA | NA |
| 8/25/2019 | 17.5 | 4.17 | 11.3 | 20.6 | 333.4 | 233.4 | NA | NA | NA | NA | NA | NA |
| 8/26/2019 | 11.3 | 1.21 | 9.9 | 13.8 | 344.7 | 240.7 | NA | NA | NA | NA | NA | NA |
| 8/27/2019 | 12.1 | 1.74 | 10.3 | 14.9 | 356.8 | 248.8 | NA | NA | NA | NA | NA | NA |
| 8/28/2019 | 16.4 | 2.53 | 11.7 | 19.0 | 373.2 | 261.2 | NA | NA | NA | NA | NA | NA |
| 8/29/2019 | 19.4 | 0.87 | 17.6 | 20.1 | 392.6 | 276.6 | NA | NA | NA | NA | NA | NA |
| 8/30/2019 | 14.1 | 3.16 | 9.9 | 18.2 | 406.7 | 286.7 | NA | NA | NA | NA | NA | NA |
| 8/31/2019 | 10.6 | 1.89 | 7.9 | 13.6 | 417.4 | 293.4 | NA | NA | NA | NA | NA | NA |

September

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/1/2019 | 14.4 | 2.58 | 10.9 | 17.4 | 14.4 | 10.4 | NA | NA | NA | NA | NA | NA |
| 9/2/2019 | 17.0 | 0.99 | 14.9 | 17.9 | 31.4 | 23.4 | NA | NA | NA | NA | NA | NA |
| 9/3/2019 | 13.4 | 2.42 | 10.6 | 18.0 | 44.8 | 32.8 | NA | NA | NA | NA | NA | NA |
| 9/4/2019 | 12.9 | 1.83 | 9.9 | 15.2 | 57.7 | 41.7 | NA | NA | NA | NA | NA | NA |
| 9/5/2019 | 11.5 | 3.14 | 7.7 | 16.1 | 69.2 | 49.2 | NA | NA | NA | NA | NA | NA |
| 9/6/2019 | 11.7 | 3.02 | 7.9 | 15.7 | 80.9 | 56.9 | NA | NA | NA | NA | NA | NA |
| 9/7/2019 | 17.9 | 0.79 | 15.9 | 18.6 | 98.8 | 70.8 | NA | NA | NA | NA | NA | NA |
| 9/8/2019 | 11.8 | 6.10 | 4.5 | 17.9 | 110.6 | 78.6 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/9/2019 | 4.7 | 0.91 | 3.8 | 6.7 | 115.4 | 79.4 | NA | NA | NA | NA | NA | NA |
| 9/10/2019 | 10.4 | 1.71 | 7.1 | 12.4 | 125.8 | 85.8 | NA | NA | NA | NA | NA | NA |
| 9/11/2019 | 12.8 | 0.89 | 11.5 | 13.9 | 138.6 | 94.6 | NA | NA | NA | NA | NA | NA |
| 9/12/2019 | 13.1 | 0.09 | 13.0 | 13.3 | 151.7 | 103.7 | NA | NA | NA | NA | NA | NA |
| 9/13/2019 | 13.6 | 0.32 | 13.2 | 14.2 | 165.3 | 113.3 | NA | NA | NA | NA | NA | NA |
| 9/14/2019 | 13.9 | 0.16 | 13.7 | 14.3 | 179.2 | 123.2 | NA | NA | NA | NA | NA | NA |
| 9/15/2019 | 13.0 | 0.42 | 12.6 | 13.8 | 192.3 | 132.3 | NA | NA | NA | NA | NA | NA |
| 9/16/2019 | 12.9 | 0.12 | 12.6 | 13.1 | 205.1 | 141.1 | NA | NA | NA | NA | NA | NA |
| 9/17/2019 | 13.6 | 0.16 | 13.3 | 13.8 | 218.7 | 150.7 | NA | NA | NA | NA | NA | NA |
| 9/18/2019 | 13.8 | 0.06 | 13.7 | 13.9 | 232.5 | 160.5 | NA | NA | NA | NA | NA | NA |
| 9/19/2019 | 13.6 | 0.12 | 13.4 | 13.8 | 246.1 | 170.1 | NA | NA | NA | NA | NA | NA |
| 9/20/2019 | 13.7 | 0.06 | 13.6 | 13.8 | 259.8 | 179.8 | NA | NA | NA | NA | NA | NA |
| 9/21/2019 | 13.5 | 0.12 | 13.3 | 13.7 | 273.3 | 189.3 | NA | NA | NA | NA | NA | NA |
| 9/22/2019 | 13.6 | 0.14 | 13.4 | 13.8 | 286.9 | 198.9 | NA | NA | NA | NA | NA | NA |
| 9/23/2019 | 13.5 | 0.24 | 13.0 | 13.9 | 300.4 | 208.4 | NA | NA | NA | NA | NA | NA |
| 9/24/2019 | 12.4 | 1.00 | 11.4 | 13.9 | 312.7 | 216.7 | NA | NA | NA | NA | NA | NA |
| 9/25/2019 | 14.3 | 0.05 | 14.1 | 14.3 | 327.0 | 227.0 | NA | NA | NA | NA | NA | NA |
| 9/26/2019 | 13.5 | 0.47 | 12.7 | 14.4 | 340.5 | 236.5 | NA | NA | NA | NA | NA | NA |
| 9/27/2019 | 13.2 | 0.74 | 11.7 | 13.9 | 353.7 | 245.7 | NA | NA | NA | NA | NA | NA |
| 9/28/2019 | 13.6 | 0.25 | 13.2 | 14.0 | 367.4 | 255.4 | NA | NA | NA | NA | NA | NA |
| 9/29/2019 | 13.7 | 0.26 | 13.3 | 14.0 | 381.1 | 265.1 | NA | NA | NA | NA | NA | NA |
| 9/30/2019 | 13.4 | 0.07 | 13.3 | 13.6 | 394.5 | 274.5 | NA | NA | NA | NA | NA | NA |

October

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/1/2019 | 13.7 | 0.10 | 13.6 | 13.8 | 13.7 | 9.7 | NA | NA | NA | NA | NA | NA |
| 10/2/2019 | 13.8 | 0.08 | 13.7 | 13.9 | 27.5 | 19.5 | NA | NA | NA | NA | NA | NA |
| 10/3/2019 | 13.6 | 0.10 | 13.4 | 13.8 | 41.1 | 29.1 | NA | NA | NA | NA | NA | NA |
| 10/4/2019 | 13.4 | 0.12 | 13.2 | 13.5 | 54.5 | 38.5 | NA | NA | NA | NA | NA | NA |
| 10/5/2019 | 13.1 | 0.13 | 12.9 | 13.3 | 67.5 | 47.5 | NA | NA | NA | NA | NA | NA |
| 10/6/2019 | 12.7 | 0.17 | 12.5 | 12.9 | 80.3 | 56.3 | NA | NA | NA | NA | NA | NA |
| 10/7/2019 | 12.9 | 0.01 | 12.9 | 12.9 | 93.2 | 65.2 | NA | NA | NA | NA | NA | NA |
| 10/8/2019 | 12.9 | 0.04 | 12.8 | 12.9 | 106.1 | 74.1 | NA | NA | NA | NA | NA | NA |
| 10/9/2019 | 12.8 | 0.04 | 12.8 | 12.9 | 118.9 | 82.9 | NA | NA | NA | NA | NA | NA |
| 10/10/2019 | 12.8 | 0.02 | 12.8 | 12.8 | 131.7 | 91.7 | NA | NA | NA | NA | NA | NA |
| 10/11/2019 | 12.8 | 0.01 | 12.8 | 12.8 | 144.5 | 100.5 | NA | NA | NA | NA | NA | NA |
| 10/12/2019 | 12.8 | 0.03 | 12.7 | 12.8 | 157.2 | 109.2 | NA | NA | NA | NA | NA | NA |
| 10/13/2019 | 12.8 | 0.03 | 12.8 | 12.8 | 170.0 | 118.0 | NA | NA | NA | NA | NA | NA |
| 10/14/2019 | 12.7 | 0.05 | 12.7 | 12.8 | 182.7 | 126.7 | NA | NA | NA | NA | NA | NA |
| 10/15/2019 | 12.7 | 0.02 | 12.6 | 12.7 | 195.4 | 135.4 | NA | NA | NA | NA | NA | NA |
| 10/16/2019 | 12.6 | 0.16 | 12.1 | 12.7 | 207.9 | 143.9 | NA | NA | NA | NA | NA | NA |
| 10/17/2019 | 12.4 | 0.12 | 12.2 | 12.6 | 220.4 | 152.4 | NA | NA | NA | NA | NA | NA |
| 10/18/2019 | 12.5 | 0.01 | 12.5 | 12.6 | 232.9 | 160.9 | NA | NA | NA | NA | NA | NA |
| 10/19/2019 | 10.2 | 1.45 | 8.3 | 12.5 | 243.1 | 167.1 | NA | NA | NA | NA | NA | NA |
| 10/20/2019 | 10.3 | 0.56 | 9.0 | 10.9 | 253.3 | 173.3 | NA | NA | NA | NA | NA | NA |
| 10/21/2019 | 11.0 | 0.23 | 10.7 | 11.4 | 264.4 | 180.4 | NA | NA | NA | NA | NA | NA |
| 10/22/2019 | 11.4 | 0.17 | 11.2 | 11.6 | 275.7 | 187.7 | NA | NA | NA | NA | NA | NA |
| 10/23/2019 | 11.9 | 0.22 | 11.6 | 12.1 | 287.7 | 195.7 | NA | NA | NA | NA | NA | NA |
| 10/24/2019 | 11.9 | 0.12 | 11.8 | 12.1 | 299.6 | 203.6 | NA | NA | NA | NA | NA | NA |
| 10/25/2019 | 11.2 | 0.63 | 10.2 | 12.0 | 310.8 | 210.8 | NA | NA | NA | NA | NA | NA |
| 10/26/2019 | 10.8 | 0.20 | 10.4 | 11.1 | 321.6 | 217.6 | NA | NA | NA | NA | NA | NA |
| 10/27/2019 | 11.1 | 0.24 | 10.5 | 11.3 | 332.6 | 224.6 | NA | NA | NA | NA | NA | NA |
| 10/28/2019 | 11.3 | 0.04 | 11.2 | 11.4 | 343.9 | 231.9 | NA | NA | NA | NA | NA | NA |
| 10/29/2019 | 11.3 | 0.03 | 11.2 | 11.3 | 355.2 | 239.2 | NA | NA | NA | NA | NA | NA |
| 10/30/2019 | 11.3 | 0.05 | 11.2 | 11.3 | 366.5 | 246.5 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/31/2019 | 11.2 | 0.05 | 11.1 | 11.3 | 377.6 | 253.6 | NA | NA | NA | NA | NA | NA |

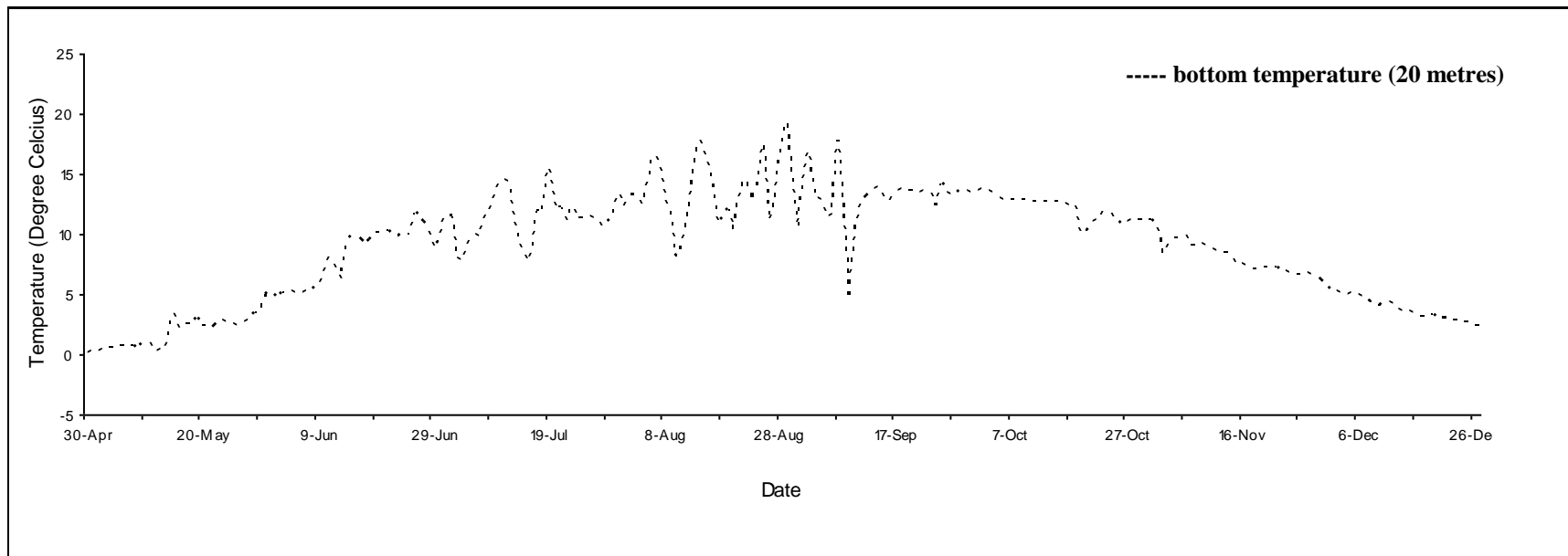
November

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 11/1/2019 | 11.0 | 0.52 | 9.4 | 11.3 | 11.0 | 7.0 | NA | NA | NA | NA | NA | NA |
| 11/2/2019 | 8.5 | 0.34 | 7.8 | 9.1 | 19.5 | 11.5 | NA | NA | NA | NA | NA | NA |
| 11/3/2019 | 8.9 | 0.64 | 8.0 | 9.6 | 28.4 | 16.4 | NA | NA | NA | NA | NA | NA |
| 11/4/2019 | 9.7 | 0.12 | 9.5 | 9.8 | 38.1 | 22.1 | NA | NA | NA | NA | NA | NA |
| 11/5/2019 | 9.8 | 0.16 | 9.6 | 10.0 | 47.8 | 27.8 | NA | NA | NA | NA | NA | NA |
| 11/6/2019 | 10.0 | 0.17 | 9.6 | 10.2 | 57.8 | 33.8 | NA | NA | NA | NA | NA | NA |
| 11/7/2019 | 9.1 | 0.11 | 9.0 | 9.4 | 66.9 | 38.9 | NA | NA | NA | NA | NA | NA |
| 11/8/2019 | 9.1 | 0.13 | 9.0 | 9.3 | 76.0 | 44.0 | NA | NA | NA | NA | NA | NA |
| 11/9/2019 | 9.2 | 0.11 | 9.0 | 9.3 | 85.2 | 49.2 | NA | NA | NA | NA | NA | NA |
| 11/10/2019 | 9.0 | 0.16 | 8.6 | 9.1 | 94.2 | 54.2 | NA | NA | NA | NA | NA | NA |
| 11/11/2019 | 8.8 | 0.14 | 8.6 | 8.9 | 102.9 | 58.9 | NA | NA | NA | NA | NA | NA |
| 11/12/2019 | 8.5 | 0.07 | 8.4 | 8.6 | 111.5 | 63.5 | NA | NA | NA | NA | NA | NA |
| 11/13/2019 | 8.5 | 0.26 | 8.1 | 8.8 | 120.0 | 68.0 | NA | NA | NA | NA | NA | NA |
| 11/14/2019 | 8.4 | 0.10 | 8.1 | 8.5 | 128.3 | 72.3 | NA | NA | NA | NA | NA | NA |
| 11/15/2019 | 7.6 | 0.26 | 7.3 | 8.1 | 136.0 | 76.0 | NA | NA | NA | NA | NA | NA |
| 11/16/2019 | 7.6 | 0.38 | 6.8 | 8.1 | 143.5 | 79.5 | NA | NA | NA | NA | NA | NA |
| 11/17/2019 | 7.3 | 0.23 | 7.1 | 7.8 | 150.9 | 82.9 | NA | NA | NA | NA | NA | NA |
| 11/18/2019 | 7.2 | 0.30 | 6.7 | 7.7 | 158.1 | 86.1 | NA | NA | NA | NA | NA | NA |
| 11/19/2019 | 7.1 | 0.23 | 6.8 | 7.5 | 165.2 | 89.2 | NA | NA | NA | NA | NA | NA |
| 11/20/2019 | 7.3 | 0.08 | 7.3 | 7.4 | 172.5 | 92.5 | NA | NA | NA | NA | NA | NA |
| 11/21/2019 | 7.4 | 0.05 | 7.3 | 7.4 | 179.9 | 95.9 | NA | NA | NA | NA | NA | NA |
| 11/22/2019 | 7.2 | 0.05 | 7.2 | 7.3 | 187.1 | 99.1 | NA | NA | NA | NA | NA | NA |
| 11/23/2019 | 7.0 | 0.21 | 6.7 | 7.3 | 194.1 | 102.1 | NA | NA | NA | NA | NA | NA |
| 11/24/2019 | 6.8 | 0.09 | 6.7 | 6.9 | 201.0 | 105.0 | NA | NA | NA | NA | NA | NA |
| 11/25/2019 | 6.6 | 0.05 | 6.6 | 6.7 | 207.6 | 107.6 | NA | NA | NA | NA | NA | NA |
| 11/26/2019 | 6.7 | 0.08 | 6.6 | 6.8 | 214.3 | 110.3 | NA | NA | NA | NA | NA | NA |
| 11/27/2019 | 6.7 | 0.07 | 6.7 | 6.9 | 221.0 | 113.0 | NA | NA | NA | NA | NA | NA |
| 11/28/2019 | 6.6 | 0.12 | 6.4 | 6.8 | 227.6 | 115.6 | NA | NA | NA | NA | NA | NA |
| 11/29/2019 | 6.3 | 0.11 | 6.2 | 6.5 | 234.0 | 118.0 | NA | NA | NA | NA | NA | NA |
| 11/30/2019 | 5.9 | 0.18 | 5.6 | 6.2 | 239.9 | 119.9 | NA | NA | NA | NA | NA | NA |

December

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 12/1/2019 | 5.5 | 0.06 | 5.4 | 5.6 | 5.5 | 1.5 | NA | NA | NA | NA | NA | NA |
| 12/2/2019 | 5.4 | 0.02 | 5.4 | 5.5 | 10.9 | 2.9 | NA | NA | NA | NA | NA | NA |
| 12/3/2019 | 5.2 | 0.06 | 5.1 | 5.3 | 16.1 | 4.1 | NA | NA | NA | NA | NA | NA |
| 12/4/2019 | 4.9 | 0.17 | 4.7 | 5.1 | 21.0 | 5.0 | NA | NA | NA | NA | NA | NA |
| 12/5/2019 | 5.2 | 0.04 | 5.1 | 5.2 | 26.2 | 6.2 | NA | NA | NA | NA | NA | NA |
| 12/6/2019 | 5.0 | 0.11 | 4.8 | 5.1 | 31.2 | 7.2 | NA | NA | NA | NA | NA | NA |
| 12/7/2019 | 4.8 | 0.15 | 4.5 | 5.0 | 36.0 | 8.0 | NA | NA | NA | NA | NA | NA |
| 12/8/2019 | 4.3 | 0.08 | 4.3 | 4.5 | 40.3 | 8.3 | NA | NA | NA | NA | NA | NA |
| 12/9/2019 | 4.2 | 0.10 | 4.0 | 4.3 | 44.5 | 8.5 | NA | NA | NA | NA | NA | NA |
| 12/10/2019 | 4.1 | 0.09 | 4.0 | 4.3 | 48.6 | 8.6 | NA | NA | NA | NA | NA | NA |
| 12/11/2019 | 4.4 | 0.16 | 4.1 | 4.6 | 53.1 | 9.1 | NA | NA | NA | NA | NA | NA |
| 12/12/2019 | 4.3 | 0.29 | 3.9 | 4.6 | 57.4 | 9.4 | NA | NA | NA | NA | NA | NA |
| 12/13/2019 | 3.8 | 0.09 | 3.7 | 4.0 | 61.2 | 9.4 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 12/14/2019 | 3.7 | 0.03 | 3.6 | 3.7 | 64.9 | 9.4 | NA | NA | NA | NA | NA | NA |
| 12/15/2019 | 3.7 | 0.06 | 3.6 | 3.8 | 68.6 | 9.4 | NA | NA | NA | NA | NA | NA |
| 12/16/2019 | 3.3 | 0.08 | 3.2 | 3.4 | 71.9 | 9.4 | NA | NA | NA | NA | NA | NA |
| 12/17/2019 | 3.1 | 0.13 | 3.0 | 3.3 | 75.0 | 9.4 | NA | NA | NA | NA | NA | NA |
| 12/18/2019 | 3.4 | 0.03 | 3.3 | 3.4 | 78.4 | 9.4 | NA | NA | NA | NA | NA | NA |
| 12/19/2019 | 3.3 | 0.18 | 2.8 | 3.4 | 81.7 | 9.4 | NA | NA | NA | NA | NA | NA |
| 12/20/2019 | 3.0 | 0.15 | 2.8 | 3.2 | 84.7 | 9.4 | NA | NA | NA | NA | NA | NA |
| 12/21/2019 | 3.1 | 0.12 | 2.8 | 3.2 | 87.7 | 9.4 | NA | NA | NA | NA | NA | NA |
| 12/22/2019 | 2.8 | 0.27 | 2.4 | 3.1 | 90.6 | 9.4 | NA | NA | NA | NA | NA | NA |
| 12/23/2019 | 2.8 | 0.14 | 2.6 | 3.0 | 93.4 | 9.4 | NA | NA | NA | NA | NA | NA |
| 12/24/2019 | 2.7 | 0.07 | 2.6 | 2.8 | 96.0 | 9.4 | NA | NA | NA | NA | NA | NA |
| 12/25/2019 | 2.7 | 0.09 | 2.6 | 2.9 | 98.8 | 9.4 | NA | NA | NA | NA | NA | NA |
| 12/26/2019 | 2.5 | 0.08 | 2.4 | 2.6 | 101.3 | 9.4 | NA | NA | NA | NA | NA | NA |
| 12/27/2019 | 2.4 | 0.07 | 2.3 | 2.6 | 103.7 | 9.4 | NA | NA | NA | NA | NA | NA |



Daily mean temperature for Souris, P.E.I., 2019.

Strait Crossing 1

2019

May

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 5/8/2019 | 5.4 | 0.14 | 5.2 | 5.6 | 5.4 | 1.4 | NA | NA | NA | NA | NA | NA |
| 5/9/2019 | 5.4 | 0.12 | 5.3 | 5.6 | 10.8 | 2.8 | NA | NA | NA | NA | NA | NA |
| 5/10/2019 | 5.6 | 0.04 | 5.5 | 5.7 | 16.4 | 4.4 | NA | NA | NA | NA | NA | NA |
| 5/11/2019 | 5.6 | 0.06 | 5.5 | 5.7 | 22.0 | 6.0 | NA | NA | NA | NA | NA | NA |
| 5/12/2019 | 5.8 | 0.13 | 5.6 | 6.0 | 27.8 | 7.8 | NA | NA | NA | NA | NA | NA |
| 5/13/2019 | 6.0 | 0.08 | 5.9 | 6.1 | 33.7 | 9.7 | NA | NA | NA | NA | NA | NA |
| 5/14/2019 | 6.1 | 0.06 | 6.0 | 6.2 | 39.8 | 11.8 | NA | NA | NA | NA | NA | NA |
| 5/15/2019 | 6.0 | 0.05 | 5.9 | 6.0 | 45.8 | 13.8 | NA | NA | NA | NA | NA | NA |
| 5/16/2019 | 6.1 | 0.12 | 5.9 | 6.3 | 51.8 | 15.8 | NA | NA | NA | NA | NA | NA |
| 5/17/2019 | 6.3 | 0.11 | 6.2 | 6.6 | 58.2 | 18.2 | NA | NA | NA | NA | NA | NA |
| 5/18/2019 | 6.6 | 0.12 | 6.4 | 6.8 | 64.8 | 20.8 | NA | NA | NA | NA | NA | NA |
| 5/19/2019 | 6.8 | 0.15 | 6.6 | 7.1 | 71.5 | 23.5 | NA | NA | NA | NA | NA | NA |
| 5/20/2019 | 7.0 | 0.11 | 6.8 | 7.1 | 78.5 | 26.5 | NA | NA | NA | NA | NA | NA |
| 5/21/2019 | 7.0 | 0.06 | 6.9 | 7.1 | 85.5 | 29.5 | NA | NA | NA | NA | NA | NA |
| 5/22/2019 | 7.6 | 0.34 | 7.0 | 8.1 | 93.1 | 33.1 | NA | NA | NA | NA | NA | NA |
| 5/23/2019 | 7.9 | 0.17 | 7.5 | 8.1 | 100.9 | 36.9 | NA | NA | NA | NA | NA | NA |
| 5/24/2019 | 7.8 | 0.10 | 7.6 | 8.0 | 108.7 | 40.7 | NA | NA | NA | NA | NA | NA |
| 5/25/2019 | 7.7 | 0.09 | 7.6 | 7.9 | 116.5 | 44.5 | NA | NA | NA | NA | NA | NA |
| 5/26/2019 | 7.9 | 0.06 | 7.8 | 8.0 | 124.4 | 48.4 | NA | NA | NA | NA | NA | NA |
| 5/27/2019 | 7.9 | 0.05 | 7.8 | 8.0 | 132.3 | 52.3 | NA | NA | NA | NA | NA | NA |
| 5/28/2019 | 8.0 | 0.14 | 7.8 | 8.2 | 140.3 | 56.3 | NA | NA | NA | NA | NA | NA |
| 5/29/2019 | 8.2 | 0.09 | 8.1 | 8.4 | 148.5 | 60.5 | NA | NA | NA | NA | NA | NA |
| 5/30/2019 | 8.3 | 0.12 | 8.2 | 8.5 | 156.8 | 64.8 | NA | NA | NA | NA | NA | NA |
| 5/31/2019 | 8.5 | 0.10 | 8.3 | 8.6 | 165.3 | 69.3 | NA | NA | NA | NA | NA | NA |

June

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/1/2019 | 8.6 | 0.12 | 8.4 | 8.8 | 8.6 | 4.6 | NA | NA | NA | NA | NA | NA |
| 6/2/2019 | 8.9 | 0.15 | 8.6 | 9.1 | 17.5 | 9.5 | NA | NA | NA | NA | NA | NA |
| 6/3/2019 | 9.1 | 0.13 | 8.9 | 9.3 | 26.5 | 14.5 | NA | NA | NA | NA | NA | NA |
| 6/4/2019 | 9.3 | 0.16 | 9.0 | 9.5 | 35.8 | 19.8 | NA | NA | NA | NA | NA | NA |
| 6/5/2019 | 9.4 | 0.14 | 9.2 | 9.6 | 45.2 | 25.2 | NA | NA | NA | NA | NA | NA |
| 6/6/2019 | 9.5 | 0.10 | 9.3 | 9.7 | 54.7 | 30.7 | NA | NA | NA | NA | NA | NA |
| 6/7/2019 | 9.6 | 0.15 | 9.4 | 9.8 | 64.2 | 36.2 | NA | NA | NA | NA | NA | NA |
| 6/8/2019 | 9.8 | 0.16 | 9.6 | 10.1 | 74.0 | 42.0 | NA | NA | NA | NA | NA | NA |
| 6/9/2019 | 10.0 | 0.17 | 9.8 | 10.3 | 84.0 | 48.0 | NA | NA | NA | NA | NA | NA |
| 6/10/2019 | 10.3 | 0.16 | 10.1 | 10.7 | 94.3 | 54.3 | NA | NA | NA | NA | NA | NA |
| 6/11/2019 | 10.6 | 0.09 | 10.5 | 10.8 | 104.9 | 60.9 | NA | NA | NA | NA | NA | NA |
| 6/12/2019 | 11.1 | 0.32 | 10.8 | 11.7 | 116.1 | 68.1 | NA | NA | NA | NA | NA | NA |
| 6/13/2019 | 11.8 | 0.24 | 11.4 | 12.1 | 127.8 | 75.8 | NA | NA | NA | NA | NA | NA |
| 6/14/2019 | 12.2 | 0.18 | 11.8 | 12.4 | 140.0 | 84.0 | NA | NA | NA | NA | NA | NA |
| 6/15/2019 | 12.5 | 0.11 | 12.3 | 12.7 | 152.5 | 92.5 | NA | NA | NA | NA | NA | NA |
| 6/16/2019 | 12.9 | 0.15 | 12.7 | 13.2 | 165.3 | 101.3 | NA | NA | NA | NA | NA | NA |
| 6/17/2019 | 13.2 | 0.20 | 13.0 | 13.6 | 178.5 | 110.5 | NA | NA | NA | NA | NA | NA |
| 6/18/2019 | 13.6 | 0.17 | 13.4 | 13.9 | 192.2 | 120.2 | NA | NA | NA | NA | NA | NA |
| 6/19/2019 | 13.8 | 0.24 | 13.4 | 14.3 | 206.0 | 130.0 | NA | NA | NA | NA | NA | NA |
| 6/20/2019 | 14.0 | 0.25 | 13.7 | 14.4 | 220.0 | 140.0 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/21/2019 | 13.9 | 0.14 | 13.8 | 14.1 | 234.0 | 150.0 | NA | NA | NA | NA | NA | NA |
| 6/22/2019 | 14.0 | 0.13 | 13.8 | 14.2 | 248.0 | 160.0 | NA | NA | NA | NA | NA | NA |
| 6/23/2019 | 13.9 | 0.20 | 13.5 | 14.2 | 261.8 | 169.8 | NA | NA | NA | NA | NA | NA |
| 6/24/2019 | 13.4 | 0.15 | 13.3 | 13.7 | 275.3 | 179.3 | NA | NA | NA | NA | NA | NA |
| 6/25/2019 | 13.4 | 0.04 | 13.3 | 13.5 | 288.7 | 188.7 | NA | NA | NA | NA | NA | NA |
| 6/26/2019 | 13.8 | 0.11 | 13.6 | 13.9 | 302.4 | 198.4 | NA | NA | NA | NA | NA | NA |
| 6/27/2019 | 14.2 | 0.27 | 13.9 | 14.8 | 316.7 | 208.7 | NA | NA | NA | NA | NA | NA |
| 6/28/2019 | 14.6 | 0.08 | 14.5 | 14.8 | 331.3 | 219.3 | NA | NA | NA | NA | NA | NA |
| 6/29/2019 | 14.7 | 0.06 | 14.6 | 14.8 | 346.1 | 230.1 | NA | NA | NA | NA | NA | NA |
| 6/30/2019 | 14.8 | 0.02 | 14.8 | 14.9 | 360.9 | 240.9 | NA | NA | NA | NA | NA | NA |

July

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/1/2019 | 14.7 | 0.03 | 14.6 | 14.7 | 14.7 | 10.7 | NA | NA | NA | NA | NA | NA |
| 7/2/2019 | 14.7 | 0.09 | 14.6 | 15.0 | 29.4 | 21.4 | NA | NA | NA | NA | NA | NA |
| 7/3/2019 | 14.8 | 0.13 | 14.6 | 15.0 | 44.2 | 32.2 | NA | NA | NA | NA | NA | NA |
| 7/4/2019 | 14.9 | 0.13 | 14.8 | 15.2 | 59.2 | 43.2 | NA | NA | NA | NA | NA | NA |
| 7/5/2019 | 15.1 | 0.14 | 15.0 | 15.4 | 74.3 | 54.3 | NA | NA | NA | NA | NA | NA |
| 7/6/2019 | 15.4 | 0.10 | 15.2 | 15.5 | 89.7 | 65.7 | NA | NA | NA | NA | NA | NA |
| 7/7/2019 | 15.6 | 0.17 | 15.4 | 15.9 | 105.3 | 77.3 | NA | NA | NA | NA | NA | NA |
| 7/8/2019 | 16.0 | 0.15 | 15.7 | 16.2 | 121.2 | 89.2 | NA | NA | NA | NA | NA | NA |
| 7/9/2019 | 16.4 | 0.16 | 16.1 | 16.6 | 137.6 | 101.6 | NA | NA | NA | NA | NA | NA |
| 7/10/2019 | 16.9 | 0.15 | 16.7 | 17.1 | 154.5 | 114.5 | NA | NA | NA | NA | NA | NA |
| 7/11/2019 | 17.0 | 0.12 | 16.8 | 17.2 | 171.5 | 127.5 | NA | NA | NA | NA | NA | NA |
| 7/12/2019 | 17.0 | 0.18 | 16.5 | 17.2 | 188.5 | 140.5 | NA | NA | NA | NA | NA | NA |
| 7/13/2019 | 16.2 | 0.20 | 15.8 | 16.5 | 204.7 | 152.7 | NA | NA | NA | NA | NA | NA |
| 7/14/2019 | 16.3 | 0.19 | 15.9 | 16.6 | 221.0 | 165.0 | NA | NA | NA | NA | NA | NA |
| 7/15/2019 | 16.6 | 0.21 | 16.1 | 16.8 | 237.6 | 177.6 | NA | NA | NA | NA | NA | NA |
| 7/16/2019 | 16.8 | 0.18 | 16.5 | 17.1 | 254.4 | 190.4 | NA | NA | NA | NA | NA | NA |
| 7/17/2019 | 17.2 | 0.15 | 17.0 | 17.5 | 271.7 | 203.7 | NA | NA | NA | NA | NA | NA |
| 7/18/2019 | 17.6 | 0.13 | 17.4 | 17.8 | 289.2 | 217.2 | NA | NA | NA | NA | NA | NA |
| 7/19/2019 | 17.8 | 0.11 | 17.6 | 18.1 | 307.0 | 231.0 | NA | NA | NA | NA | NA | NA |
| 7/20/2019 | 18.1 | 0.09 | 17.9 | 18.2 | 325.1 | 245.1 | NA | NA | NA | NA | NA | NA |
| 7/21/2019 | 18.3 | 0.14 | 18.1 | 18.5 | 343.4 | 259.4 | NA | NA | NA | NA | NA | NA |
| 7/22/2019 | 18.3 | 0.19 | 18.0 | 18.6 | 361.7 | 273.7 | NA | NA | NA | NA | NA | NA |
| 7/23/2019 | 18.2 | 0.53 | 17.3 | 18.9 | 379.9 | 287.9 | NA | NA | NA | NA | NA | NA |
| 7/24/2019 | 17.4 | 0.70 | 16.7 | 18.7 | 397.4 | 301.4 | NA | NA | NA | NA | NA | NA |
| 7/25/2019 | 17.0 | 0.50 | 16.3 | 18.0 | 414.4 | 314.4 | NA | NA | NA | NA | NA | NA |
| 7/26/2019 | 17.2 | 0.32 | 16.8 | 17.9 | 431.6 | 327.6 | NA | NA | NA | NA | NA | NA |
| 7/27/2019 | 16.9 | 0.44 | 16.3 | 17.5 | 448.5 | 340.5 | NA | NA | NA | NA | NA | NA |
| 7/28/2019 | 16.6 | 0.35 | 16.2 | 17.1 | 465.1 | 353.1 | NA | NA | NA | NA | NA | NA |
| 7/29/2019 | 16.7 | 0.48 | 15.7 | 17.3 | 481.9 | 365.9 | NA | NA | NA | NA | NA | NA |
| 7/30/2019 | 17.2 | 0.54 | 16.3 | 18.0 | 499.0 | 379.0 | NA | NA | NA | NA | NA | NA |
| 7/31/2019 | 17.7 | 0.60 | 16.7 | 18.7 | 516.7 | 392.7 | NA | NA | NA | NA | NA | NA |

August

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/1/2019 | 18.5 | 0.54 | 17.5 | 19.1 | 18.5 | 14.5 | NA | NA | NA | NA | NA | NA |
| 8/2/2019 | 19.0 | 0.28 | 18.6 | 19.4 | 28.5 | 29.5 | NA | NA | NA | NA | NA | NA |
| 8/3/2019 | 19.2 | 0.15 | 19.0 | 19.5 | 56.6 | 44.6 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/4/2019 | 19.3 | 0.17 | 19.1 | 19.5 | 75.9 | 59.9 | NA | NA | NA | NA | NA | NA |
| 8/5/2019 | 19.5 | 0.22 | 19.2 | 20.0 | 95.4 | 75.4 | NA | NA | NA | NA | NA | NA |
| 8/6/2019 | 19.7 | 0.21 | 19.4 | 20.0 | 115.1 | 91.1 | NA | NA | NA | NA | NA | NA |
| 8/7/2019 | 19.8 | 0.16 | 19.6 | 20.1 | 134.9 | 106.9 | NA | NA | NA | NA | NA | NA |
| 8/8/2019 | 19.2 | 0.48 | 18.5 | 19.9 | 154.1 | 122.1 | NA | NA | NA | NA | NA | NA |
| 8/9/2019 | 18.7 | 0.10 | 18.5 | 18.8 | 172.8 | 136.8 | NA | NA | NA | NA | NA | NA |
| 8/10/2019 | 19.2 | 0.18 | 18.9 | 19.5 | 191.9 | 151.9 | NA | NA | NA | NA | NA | NA |
| 8/11/2019 | 19.4 | 0.12 | 19.2 | 19.6 | 211.3 | 167.3 | NA | NA | NA | NA | NA | NA |
| 8/12/2019 | 19.3 | 0.07 | 19.2 | 19.4 | 230.6 | 182.6 | NA | NA | NA | NA | NA | NA |
| 8/13/2019 | 19.5 | 0.10 | 19.3 | 19.6 | 250.1 | 198.1 | NA | NA | NA | NA | NA | NA |
| 8/14/2019 | 19.7 | 0.11 | 19.6 | 19.8 | 269.8 | 213.8 | NA | NA | NA | NA | NA | NA |
| 8/15/2019 | 19.9 | 0.12 | 19.7 | 20.1 | 289.7 | 229.7 | NA | NA | NA | NA | NA | NA |
| 8/16/2019 | 19.5 | 0.35 | 19.1 | 20.1 | 309.3 | 245.3 | NA | NA | NA | NA | NA | NA |
| 8/17/2019 | 19.4 | 0.20 | 19.2 | 19.8 | 328.7 | 260.7 | NA | NA | NA | NA | NA | NA |
| 8/18/2019 | 19.6 | 0.11 | 19.5 | 19.8 | 348.3 | 276.3 | NA | NA | NA | NA | NA | NA |
| 8/19/2019 | 19.7 | 0.12 | 19.5 | 19.9 | 368.0 | 292.0 | NA | NA | NA | NA | NA | NA |
| 8/20/2019 | 20.0 | 0.08 | 19.9 | 20.1 | 388.0 | 308.0 | NA | NA | NA | NA | NA | NA |
| 8/21/2019 | 20.1 | 0.06 | 20.0 | 20.2 | 408.0 | 324.0 | NA | NA | NA | NA | NA | NA |
| 8/22/2019 | 20.2 | 0.04 | 20.1 | 20.2 | 428.2 | 340.2 | NA | NA | NA | NA | NA | NA |
| 8/23/2019 | 20.1 | 0.19 | 19.8 | 20.4 | 448.4 | 356.4 | NA | NA | NA | NA | NA | NA |
| 8/24/2019 | 20.2 | 0.10 | 20.1 | 20.4 | 468.6 | 372.6 | NA | NA | NA | NA | NA | NA |
| 8/25/2019 | 20.0 | 0.07 | 19.9 | 20.1 | 488.6 | 388.6 | NA | NA | NA | NA | NA | NA |
| 8/26/2019 | 19.8 | 0.23 | 19.2 | 20.0 | 508.5 | 404.5 | NA | NA | NA | NA | NA | NA |
| 8/27/2019 | 19.0 | 0.20 | 18.8 | 19.4 | 527.5 | 419.5 | NA | NA | NA | NA | NA | NA |
| 8/28/2019 | 19.1 | 0.19 | 18.7 | 19.4 | 546.6 | 434.6 | NA | NA | NA | NA | NA | NA |
| 8/29/2019 | 19.4 | 0.12 | 19.2 | 19.6 | 566.0 | 450.0 | NA | NA | NA | NA | NA | NA |
| 8/30/2019 | 19.4 | 0.12 | 19.2 | 19.5 | 585.4 | 465.4 | NA | NA | NA | NA | NA | NA |
| 8/31/2019 | 19.4 | 0.11 | 19.2 | 19.6 | 604.7 | 480.7 | NA | NA | NA | NA | NA | NA |

September

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/1/2019 | 19.4 | 0.11 | 19.3 | 19.6 | 19.4 | 15.4 | NA | NA | NA | NA | NA | NA |
| 9/2/2019 | 19.3 | 0.10 | 19.2 | 19.5 | 38.7 | 30.7 | NA | NA | NA | NA | NA | NA |
| 9/3/2019 | 19.2 | 0.07 | 19.1 | 19.4 | 57.9 | 45.9 | NA | NA | NA | NA | NA | NA |
| 9/4/2019 | 19.2 | 0.06 | 19.1 | 19.3 | 77.2 | 61.2 | NA | NA | NA | NA | NA | NA |
| 9/5/2019 | 19.3 | 0.03 | 19.2 | 19.3 | 96.4 | 76.4 | NA | NA | NA | NA | NA | NA |
| 9/6/2019 | 19.2 | 0.04 | 19.1 | 19.3 | 115.6 | 91.6 | NA | NA | NA | NA | NA | NA |
| 9/7/2019 | 18.9 | 0.28 | 18.3 | 19.1 | 134.5 | 106.5 | NA | NA | NA | NA | NA | NA |
| 9/8/2019 | 18.0 | 0.38 | 17.6 | 18.5 | 152.5 | 120.5 | NA | NA | NA | NA | NA | NA |
| 9/9/2019 | 17.3 | 0.08 | 17.2 | 17.5 | 169.7 | 133.7 | NA | NA | NA | NA | NA | NA |
| 9/10/2019 | 17.3 | 0.04 | 17.3 | 17.4 | 187.0 | 147.0 | NA | NA | NA | NA | NA | NA |
| 9/11/2019 | 17.3 | 0.07 | 17.2 | 17.4 | 204.3 | 160.3 | NA | NA | NA | NA | NA | NA |
| 9/12/2019 | 17.0 | 0.17 | 16.8 | 17.3 | 221.4 | 173.4 | NA | NA | NA | NA | NA | NA |
| 9/13/2019 | 16.8 | 0.17 | 16.6 | 17.1 | 238.2 | 186.2 | NA | NA | NA | NA | NA | NA |
| 9/14/2019 | 16.8 | 0.12 | 16.6 | 17.0 | 255.0 | 199.0 | NA | NA | NA | NA | NA | NA |
| 9/15/2019 | 16.8 | 0.06 | 16.7 | 16.9 | 271.8 | 211.8 | NA | NA | NA | NA | NA | NA |
| 9/16/2019 | 16.8 | 0.10 | 16.6 | 16.9 | 288.6 | 224.6 | NA | NA | NA | NA | NA | NA |
| 9/17/2019 | 16.3 | 0.21 | 16.0 | 16.7 | 304.9 | 236.9 | NA | NA | NA | NA | NA | NA |
| 9/18/2019 | 15.9 | 0.10 | 15.8 | 16.1 | 320.8 | 248.8 | NA | NA | NA | NA | NA | NA |
| 9/19/2019 | 15.9 | 0.12 | 15.7 | 16.1 | 336.7 | 260.7 | NA | NA | NA | NA | NA | NA |
| 9/20/2019 | 16.0 | 0.13 | 15.8 | 16.2 | 352.7 | 272.7 | NA | NA | NA | NA | NA | NA |
| 9/21/2019 | 16.0 | 0.08 | 15.9 | 16.2 | 368.8 | 284.8 | NA | NA | NA | NA | NA | NA |
| 9/22/2019 | 16.0 | 0.12 | 15.9 | 16.3 | 384.8 | 296.8 | NA | NA | NA | NA | NA | NA |
| 9/23/2019 | 16.2 | 0.05 | 16.1 | 16.2 | 401.0 | 309.0 | NA | NA | NA | NA | NA | NA |
| 9/24/2019 | 16.1 | 0.04 | 16.1 | 16.2 | 417.1 | 321.1 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/25/2019 | 15.9 | 0.13 | 15.8 | 16.2 | 433.0 | 333.0 | NA | NA | NA | NA | NA | NA |
| 9/26/2019 | 15.6 | 0.04 | 15.6 | 15.7 | 448.6 | 344.6 | NA | NA | NA | NA | NA | NA |
| 9/27/2019 | 15.6 | 0.09 | 15.5 | 15.8 | 464.3 | 356.3 | NA | NA | NA | NA | NA | NA |
| 9/28/2019 | 15.6 | 0.16 | 15.3 | 15.7 | 479.9 | 367.9 | NA | NA | NA | NA | NA | NA |
| 9/29/2019 | 15.5 | 0.22 | 15.1 | 15.7 | 495.3 | 379.3 | NA | NA | NA | NA | NA | NA |
| 9/30/2019 | 15.0 | 0.19 | 14.7 | 15.3 | 510.3 | 390.3 | NA | NA | NA | NA | NA | NA |

October

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/1/2019 | 14.8 | 0.16 | 14.6 | 15.0 | 14.8 | 10.8 | NA | NA | NA | NA | NA | NA |
| 10/2/2019 | 14.6 | 0.23 | 14.3 | 15.0 | 29.4 | 21.4 | NA | NA | NA | NA | NA | NA |
| 10/3/2019 | 14.1 | 0.10 | 14.0 | 14.3 | 43.5 | 31.5 | NA | NA | NA | NA | NA | NA |
| 10/4/2019 | 13.9 | 0.08 | 13.7 | 14.0 | 57.4 | 41.4 | NA | NA | NA | NA | NA | NA |
| 10/5/2019 | 13.5 | 0.07 | 13.4 | 13.6 | 70.9 | 50.9 | NA | NA | NA | NA | NA | NA |
| 10/6/2019 | 13.3 | 0.02 | 13.3 | 13.4 | 84.2 | 60.2 | NA | NA | NA | NA | NA | NA |
| 10/7/2019 | 13.3 | 0.02 | 13.3 | 13.3 | 97.5 | 69.5 | NA | NA | NA | NA | NA | NA |
| 10/8/2019 | 13.3 | 0.02 | 13.2 | 13.3 | 110.7 | 78.7 | NA | NA | NA | NA | NA | NA |
| 10/9/2019 | 13.3 | 0.02 | 13.3 | 13.3 | 124.0 | 88.0 | NA | NA | NA | NA | NA | NA |
| 10/10/2019 | 13.2 | 0.02 | 13.2 | 13.3 | 137.3 | 97.3 | NA | NA | NA | NA | NA | NA |
| 10/11/2019 | 13.2 | 0.03 | 13.2 | 13.3 | 150.5 | 106.5 | NA | NA | NA | NA | NA | NA |
| 10/12/2019 | 13.3 | 0.03 | 13.2 | 13.3 | 163.8 | 115.8 | NA | NA | NA | NA | NA | NA |
| 10/13/2019 | 13.2 | 0.07 | 13.1 | 13.3 | 176.9 | 124.9 | NA | NA | NA | NA | NA | NA |
| 10/14/2019 | 13.1 | 0.03 | 13.1 | 13.2 | 190.1 | 134.1 | NA | NA | NA | NA | NA | NA |
| 10/15/2019 | 13.2 | 0.04 | 13.1 | 13.2 | 203.2 | 143.2 | NA | NA | NA | NA | NA | NA |
| 10/16/2019 | 13.1 | 0.04 | 13.1 | 13.2 | 216.4 | 152.4 | NA | NA | NA | NA | NA | NA |
| 10/17/2019 | 13.1 | 0.06 | 12.9 | 13.2 | 229.4 | 161.4 | NA | NA | NA | NA | NA | NA |
| 10/18/2019 | 13.1 | 0.12 | 12.9 | 13.3 | 242.5 | 170.5 | NA | NA | NA | NA | NA | NA |
| 10/19/2019 | 12.8 | 0.09 | 12.6 | 12.9 | 255.3 | 179.3 | NA | NA | NA | NA | NA | NA |
| 10/20/2019 | 12.4 | 0.07 | 12.3 | 12.5 | 267.7 | 187.7 | NA | NA | NA | NA | NA | NA |
| 10/21/2019 | 12.3 | 0.04 | 12.2 | 12.3 | 279.9 | 195.9 | NA | NA | NA | NA | NA | NA |
| 10/22/2019 | 12.3 | 0.04 | 12.2 | 12.4 | 292.2 | 204.2 | NA | NA | NA | NA | NA | NA |
| 10/23/2019 | 12.3 | 0.09 | 12.2 | 12.5 | 304.6 | 212.6 | NA | NA | NA | NA | NA | NA |
| 10/24/2019 | 12.3 | 0.09 | 12.1 | 12.4 | 316.9 | 220.9 | NA | NA | NA | NA | NA | NA |
| 10/25/2019 | 12.2 | 0.07 | 12.1 | 12.3 | 329.1 | 229.1 | NA | NA | NA | NA | NA | NA |
| 10/26/2019 | 12.0 | 0.13 | 11.8 | 12.2 | 341.1 | 237.1 | NA | NA | NA | NA | NA | NA |
| 10/27/2019 | 11.8 | 0.10 | 11.6 | 11.9 | 352.9 | 244.9 | NA | NA | NA | NA | NA | NA |
| 10/28/2019 | 11.7 | 0.10 | 11.5 | 11.8 | 364.6 | 252.6 | NA | NA | NA | NA | NA | NA |
| 10/29/2019 | 11.6 | 0.06 | 11.5 | 11.7 | 376.2 | 260.2 | NA | NA | NA | NA | NA | NA |
| 10/30/2019 | 11.5 | 0.12 | 11.3 | 11.6 | 387.7 | 267.7 | NA | NA | NA | NA | NA | NA |
| 10/31/2019 | 11.5 | 0.12 | 11.3 | 11.6 | 399.2 | 275.2 | NA | NA | NA | NA | NA | NA |

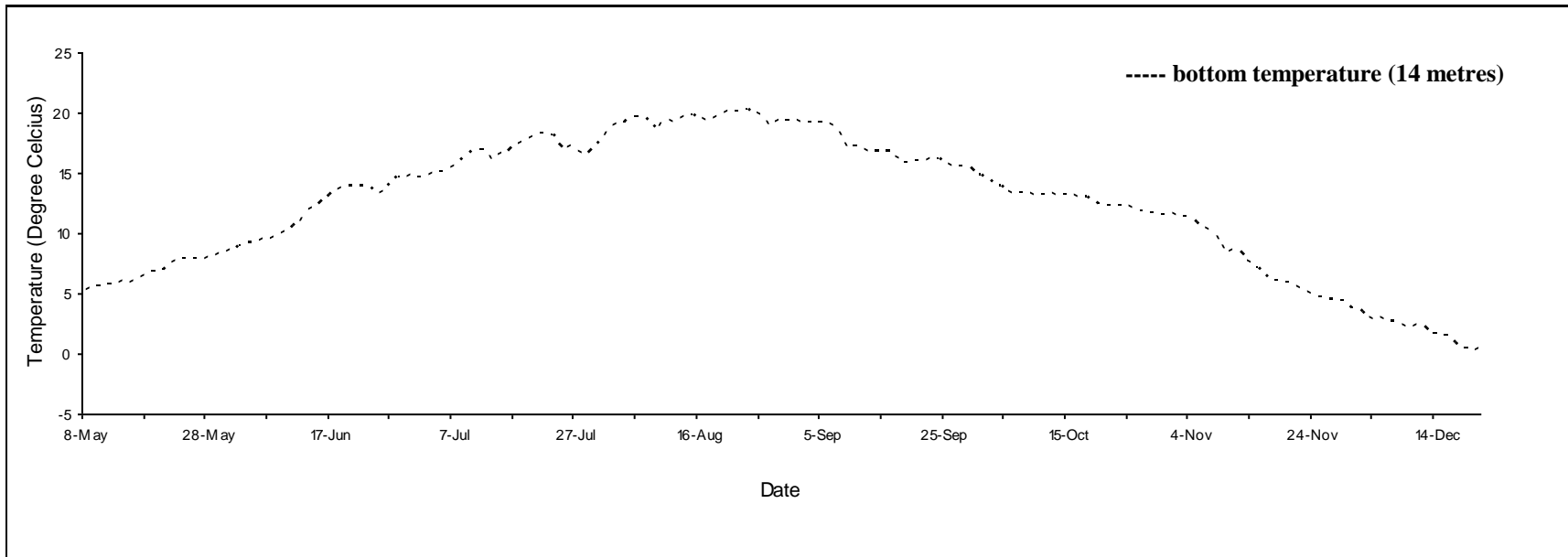
November

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 11/1/2019 | 11.6 | 0.13 | 11.4 | 11.8 | 11.6 | 7.6 | NA | NA | NA | NA | NA | NA |
| 11/2/2019 | 11.5 | 0.23 | 11.0 | 11.8 | 23.1 | 15.1 | NA | NA | NA | NA | NA | NA |
| 11/3/2019 | 11.3 | 0.17 | 11.1 | 11.5 | 34.4 | 22.4 | NA | NA | NA | NA | NA | NA |
| 11/4/2019 | 11.2 | 0.10 | 11.0 | 11.3 | 45.6 | 29.6 | NA | NA | NA | NA | NA | NA |
| 11/5/2019 | 10.9 | 0.14 | 10.7 | 11.1 | 56.5 | 36.5 | NA | NA | NA | NA | NA | NA |
| 11/6/2019 | 10.7 | 0.06 | 10.6 | 10.8 | 67.1 | 43.1 | NA | NA | NA | NA | NA | NA |
| 11/7/2019 | 10.3 | 0.14 | 10.2 | 10.6 | 77.5 | 49.5 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 11/8/2019 | 10.0 | 0.16 | 9.7 | 10.2 | 87.5 | 55.5 | NA | NA | NA | NA | NA | NA |
| 11/9/2019 | 9.0 | 0.33 | 8.8 | 9.8 | 96.5 | 60.5 | NA | NA | NA | NA | NA | NA |
| 11/10/2019 | 8.5 | 0.18 | 8.2 | 8.8 | 105.0 | 65.0 | NA | NA | NA | NA | NA | NA |
| 11/11/2019 | 8.6 | 0.10 | 8.5 | 8.8 | 113.6 | 69.6 | NA | NA | NA | NA | NA | NA |
| 11/12/2019 | 8.6 | 0.19 | 8.3 | 8.8 | 122.2 | 74.2 | NA | NA | NA | NA | NA | NA |
| 11/13/2019 | 8.0 | 0.27 | 7.5 | 8.4 | 130.1 | 78.1 | NA | NA | NA | NA | NA | NA |
| 11/14/2019 | 7.3 | 0.23 | 7.0 | 7.5 | 137.4 | 81.4 | NA | NA | NA | NA | NA | NA |
| 11/15/2019 | 7.1 | 0.14 | 6.8 | 7.4 | 144.5 | 84.5 | NA | NA | NA | NA | NA | NA |
| 11/16/2019 | 6.6 | 0.25 | 6.2 | 7.0 | 151.1 | 87.1 | NA | NA | NA | NA | NA | NA |
| 11/17/2019 | 6.1 | 0.06 | 6.0 | 6.2 | 157.2 | 89.2 | NA | NA | NA | NA | NA | NA |
| 11/18/2019 | 6.0 | 0.05 | 5.9 | 6.1 | 163.2 | 91.2 | NA | NA | NA | NA | NA | NA |
| 11/19/2019 | 6.0 | 0.07 | 5.8 | 6.0 | 169.2 | 93.2 | NA | NA | NA | NA | NA | NA |
| 11/20/2019 | 5.9 | 0.04 | 5.8 | 6.0 | 175.1 | 95.1 | NA | NA | NA | NA | NA | NA |
| 11/21/2019 | 5.7 | 0.24 | 5.2 | 5.9 | 180.8 | 96.8 | NA | NA | NA | NA | NA | NA |
| 11/22/2019 | 5.4 | 0.22 | 5.0 | 5.7 | 186.2 | 98.2 | NA | NA | NA | NA | NA | NA |
| 11/23/2019 | 5.2 | 0.31 | 5.0 | 5.8 | 191.4 | 99.4 | NA | NA | NA | NA | NA | NA |
| 11/24/2019 | 4.8 | 0.15 | 4.6 | 5.1 | 196.3 | 100.3 | NA | NA | NA | NA | NA | NA |
| 11/25/2019 | 4.8 | 0.14 | 4.5 | 4.9 | 201.0 | 101.0 | NA | NA | NA | NA | NA | NA |
| 11/26/2019 | 4.5 | 0.10 | 4.3 | 4.7 | 205.5 | 101.5 | NA | NA | NA | NA | NA | NA |
| 11/27/2019 | 4.5 | 0.09 | 4.2 | 4.6 | 210.0 | 102.0 | NA | NA | NA | NA | NA | NA |
| 11/28/2019 | 4.4 | 0.07 | 4.2 | 4.5 | 214.4 | 102.4 | NA | NA | NA | NA | NA | NA |
| 11/29/2019 | 4.3 | 0.13 | 4.0 | 4.5 | 218.7 | 102.7 | NA | NA | NA | NA | NA | NA |
| 11/30/2019 | 3.8 | 0.22 | 3.4 | 4.1 | 222.5 | 102.7 | NA | NA | NA | NA | NA | NA |

December

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 12/1/2019 | 3.7 | 0.09 | 3.6 | 3.9 | 3.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/2/2019 | 3.5 | 0.11 | 3.3 | 3.6 | 7.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/3/2019 | 3.0 | 0.18 | 2.9 | 3.4 | 10.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/4/2019 | 2.8 | 0.15 | 2.6 | 3.1 | 13.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/5/2019 | 3.0 | 0.11 | 2.8 | 3.2 | 16.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/6/2019 | 2.7 | 0.17 | 2.5 | 3.0 | 18.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/7/2019 | 2.7 | 0.14 | 2.4 | 2.9 | 21.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/8/2019 | 2.5 | 0.13 | 2.4 | 2.8 | 24.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/9/2019 | 2.2 | 0.06 | 2.1 | 2.3 | 26.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/10/2019 | 2.3 | 0.11 | 2.1 | 2.5 | 28.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/11/2019 | 2.5 | 0.04 | 2.4 | 2.5 | 31.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/12/2019 | 2.2 | 0.14 | 1.9 | 2.4 | 33.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/13/2019 | 1.9 | 0.09 | 1.7 | 2.0 | 35.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/14/2019 | 1.6 | 0.11 | 1.5 | 1.8 | 36.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/15/2019 | 1.6 | 0.13 | 1.3 | 1.7 | 38.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/16/2019 | 1.5 | 0.13 | 1.2 | 1.7 | 39.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/17/2019 | 0.9 | 0.25 | 0.5 | 1.2 | 40.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/18/2019 | 0.7 | 0.09 | 0.5 | 0.8 | 41.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/19/2019 | 0.5 | 0.11 | 0.3 | 0.7 | 41.9 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/20/2019 | 0.3 | 0.14 | 0.0 | 0.5 | 42.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/21/2019 | 0.4 | 0.02 | 0.4 | 0.4 | 42.6 | 0.0 | NA | NA | NA | NA | NA | NA |



Daily mean temperature for Strait Crossing 1, 2019.

Strait Crossing 2

2019

May

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 5/1/2019 | 3.8 | 0.09 | 3.7 | 4.0 | 3.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/2/2019 | 4.1 | 0.06 | 4.0 | 4.2 | 7.9 | 0.1 | NA | NA | NA | NA | NA | NA |
| 5/3/2019 | 4.2 | 0.10 | 4.0 | 4.3 | 12.1 | 0.3 | NA | NA | NA | NA | NA | NA |
| 5/4/2019 | 4.2 | 0.11 | 4.0 | 4.4 | 16.3 | 0.5 | NA | NA | NA | NA | NA | NA |
| 5/5/2019 | 4.3 | 0.23 | 4.0 | 4.7 | 20.6 | 0.7 | NA | NA | NA | NA | NA | NA |
| 5/6/2019 | 4.4 | 0.27 | 4.1 | 4.8 | 25.0 | 1.2 | NA | NA | NA | NA | NA | NA |
| 5/7/2019 | 4.6 | 0.25 | 4.3 | 5.1 | 29.6 | 1.8 | NA | NA | NA | NA | NA | NA |
| 5/8/2019 | 5.2 | 0.36 | 4.4 | 5.7 | 34.8 | 3.0 | NA | NA | NA | NA | NA | NA |
| 5/9/2019 | 5.5 | 0.13 | 5.3 | 5.7 | 40.3 | 4.5 | NA | NA | NA | NA | NA | NA |
| 5/10/2019 | 5.6 | 0.12 | 5.4 | 5.7 | 45.9 | 6.1 | NA | NA | NA | NA | NA | NA |
| 5/11/2019 | 5.6 | 0.37 | 5.0 | 6.1 | 51.5 | 7.7 | NA | NA | NA | NA | NA | NA |
| 5/12/2019 | 5.8 | 0.15 | 5.5 | 6.0 | 57.3 | 9.5 | NA | NA | NA | NA | NA | NA |
| 5/13/2019 | 5.8 | 0.04 | 5.7 | 5.9 | 63.1 | 11.3 | NA | NA | NA | NA | NA | NA |
| 5/14/2019 | 6.1 | 0.20 | 5.7 | 6.3 | 69.2 | 13.4 | NA | NA | NA | NA | NA | NA |
| 5/15/2019 | 6.0 | 0.15 | 5.8 | 6.3 | 75.2 | 15.4 | NA | NA | NA | NA | NA | NA |
| 5/16/2019 | 6.2 | 0.17 | 6.0 | 6.5 | 81.5 | 17.6 | NA | NA | NA | NA | NA | NA |
| 5/17/2019 | 6.2 | 0.13 | 6.1 | 6.5 | 87.7 | 19.8 | NA | NA | NA | NA | NA | NA |
| 5/18/2019 | 6.5 | 0.17 | 6.2 | 6.7 | 94.1 | 22.3 | NA | NA | NA | NA | NA | NA |
| 5/19/2019 | 6.5 | 0.11 | 6.4 | 6.7 | 100.7 | 24.8 | NA | NA | NA | NA | NA | NA |
| 5/20/2019 | 6.7 | 0.13 | 6.5 | 6.9 | 107.4 | 27.5 | NA | NA | NA | NA | NA | NA |
| 5/21/2019 | 6.8 | 0.20 | 6.5 | 7.1 | 114.2 | 30.3 | NA | NA | NA | NA | NA | NA |
| 5/22/2019 | 6.9 | 0.07 | 6.8 | 6.9 | 121.0 | 33.2 | NA | NA | NA | NA | NA | NA |
| 5/23/2019 | 7.0 | 0.08 | 6.9 | 7.1 | 128.0 | 36.2 | NA | NA | NA | NA | NA | NA |
| 5/24/2019 | 7.1 | 0.10 | 6.9 | 7.2 | 135.1 | 39.3 | NA | NA | NA | NA | NA | NA |
| 5/25/2019 | 7.2 | 0.17 | 6.9 | 7.4 | 142.3 | 42.4 | NA | NA | NA | NA | NA | NA |
| 5/26/2019 | 7.2 | 0.21 | 6.9 | 7.5 | 149.4 | 45.6 | NA | NA | NA | NA | NA | NA |
| 5/27/2019 | 7.0 | 0.16 | 6.7 | 7.2 | 156.4 | 48.6 | NA | NA | NA | NA | NA | NA |
| 5/28/2019 | 7.0 | 0.16 | 6.8 | 7.2 | 163.5 | 51.6 | NA | NA | NA | NA | NA | NA |
| 5/29/2019 | 7.1 | 0.13 | 6.9 | 7.3 | 170.6 | 54.7 | NA | NA | NA | NA | NA | NA |
| 5/30/2019 | 6.9 | 0.06 | 6.8 | 7.0 | 177.5 | 57.6 | NA | NA | NA | NA | NA | NA |
| 5/31/2019 | 7.0 | 0.15 | 6.7 | 7.2 | 184.5 | 60.6 | NA | NA | NA | NA | NA | NA |

June

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/1/2019 | 7.0 | 0.21 | 6.7 | 7.3 | 7.0 | 3.0 | NA | NA | NA | NA | NA | NA |
| 6/2/2019 | 7.3 | 0.33 | 6.8 | 7.8 | 14.2 | 6.2 | NA | NA | NA | NA | NA | NA |
| 6/3/2019 | 8.3 | 0.60 | 7.3 | 8.9 | 22.5 | 10.5 | NA | NA | NA | NA | NA | NA |
| 6/4/2019 | 8.7 | 0.39 | 7.9 | 9.3 | 31.2 | 15.2 | NA | NA | NA | NA | NA | NA |
| 6/5/2019 | 9.0 | 0.41 | 8.2 | 9.5 | 40.2 | 20.2 | NA | NA | NA | NA | NA | NA |
| 6/6/2019 | 9.3 | 0.40 | 8.6 | 9.8 | 49.5 | 25.5 | NA | NA | NA | NA | NA | NA |
| 6/7/2019 | 9.3 | 0.48 | 8.6 | 9.9 | 58.8 | 30.8 | NA | NA | NA | NA | NA | NA |
| 6/8/2019 | 9.5 | 0.57 | 8.4 | 10.2 | 68.3 | 36.3 | NA | NA | NA | NA | NA | NA |
| 6/9/2019 | 9.6 | 0.63 | 8.6 | 10.4 | 77.9 | 41.9 | NA | NA | NA | NA | NA | NA |
| 6/10/2019 | 9.3 | 0.64 | 8.5 | 10.4 | 87.2 | 47.2 | NA | NA | NA | NA | NA | NA |
| 6/11/2019 | 8.8 | 0.51 | 8.0 | 9.4 | 96.0 | 52.0 | NA | NA | NA | NA | NA | NA |
| 6/12/2019 | 9.4 | 1.06 | 7.9 | 11.0 | 105.4 | 57.4 | NA | NA | NA | NA | NA | NA |
| 6/13/2019 | 9.7 | 0.80 | 8.6 | 11.0 | 115.1 | 63.1 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/14/2019 | 9.1 | 0.54 | 8.2 | 9.8 | 124.2 | 68.2 | NA | NA | NA | NA | NA | NA |
| 6/15/2019 | 10.2 | 0.84 | 8.9 | 11.4 | 134.4 | 74.4 | NA | NA | NA | NA | NA | NA |
| 6/16/2019 | 9.8 | 0.91 | 8.2 | 11.0 | 144.2 | 80.2 | NA | NA | NA | NA | NA | NA |
| 6/17/2019 | 9.5 | 0.90 | 8.2 | 10.7 | 153.7 | 85.7 | NA | NA | NA | NA | NA | NA |
| 6/18/2019 | 9.4 | 0.84 | 8.0 | 10.3 | 163.1 | 91.1 | NA | NA | NA | NA | NA | NA |
| 6/19/2019 | 9.0 | 0.72 | 7.7 | 9.9 | 172.1 | 96.1 | NA | NA | NA | NA | NA | NA |
| 6/20/2019 | 8.5 | 0.56 | 7.7 | 9.3 | 180.6 | 100.6 | NA | NA | NA | NA | NA | NA |
| 6/21/2019 | 8.6 | 0.73 | 7.6 | 10.4 | 189.2 | 105.2 | NA | NA | NA | NA | NA | NA |
| 6/22/2019 | 12.9 | 0.97 | 11.2 | 13.6 | 202.0 | 114.0 | NA | NA | NA | NA | NA | NA |
| 6/23/2019 | 13.0 | 0.78 | 11.8 | 13.9 | 215.0 | 123.0 | NA | NA | NA | NA | NA | NA |
| 6/24/2019 | 13.9 | 0.77 | 12.1 | 14.5 | 228.9 | 132.9 | NA | NA | NA | NA | NA | NA |
| 6/25/2019 | 12.2 | 1.67 | 10.1 | 14.4 | 241.1 | 141.1 | NA | NA | NA | NA | NA | NA |
| 6/26/2019 | 10.3 | 0.63 | 9.3 | 11.2 | 251.4 | 147.4 | NA | NA | NA | NA | NA | NA |
| 6/27/2019 | 9.7 | 0.25 | 9.4 | 10.1 | 261.1 | 153.1 | NA | NA | NA | NA | NA | NA |
| 6/28/2019 | 10.4 | 0.44 | 9.8 | 11.0 | 271.5 | 159.5 | NA | NA | NA | NA | NA | NA |
| 6/29/2019 | 10.1 | 0.65 | 9.0 | 11.4 | 281.6 | 165.6 | NA | NA | NA | NA | NA | NA |
| 6/30/2019 | 10.3 | 0.75 | 8.9 | 11.4 | 291.9 | 171.9 | NA | NA | NA | NA | NA | NA |

July

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/1/2019 | 12.3 | 1.67 | 9.5 | 14.7 | 12.3 | 8.3 | NA | NA | NA | NA | NA | NA |
| 7/2/2019 | 12.7 | 1.60 | 10.4 | 14.7 | 25.1 | 17.1 | NA | NA | NA | NA | NA | NA |
| 7/3/2019 | 12.6 | 1.34 | 10.5 | 14.6 | 37.7 | 25.7 | NA | NA | NA | NA | NA | NA |
| 7/4/2019 | 12.2 | 1.46 | 10.2 | 14.9 | 49.9 | 33.9 | NA | NA | NA | NA | NA | NA |
| 7/5/2019 | 11.6 | 1.24 | 9.7 | 13.4 | 61.5 | 41.5 | NA | NA | NA | NA | NA | NA |
| 7/6/2019 | 11.2 | 0.95 | 9.7 | 12.8 | 72.7 | 48.7 | NA | NA | NA | NA | NA | NA |
| 7/7/2019 | 12.1 | 0.77 | 10.9 | 13.3 | 84.8 | 56.8 | NA | NA | NA | NA | NA | NA |
| 7/8/2019 | 12.5 | 0.69 | 11.6 | 13.5 | 97.3 | 65.3 | NA | NA | NA | NA | NA | NA |
| 7/9/2019 | 11.3 | 1.05 | 9.9 | 13.4 | 108.6 | 72.6 | NA | NA | NA | NA | NA | NA |
| 7/10/2019 | 10.7 | 0.46 | 10.0 | 11.4 | 119.4 | 79.4 | NA | NA | NA | NA | NA | NA |
| 7/11/2019 | 10.6 | 0.31 | 10.0 | 10.9 | 129.9 | 85.9 | NA | NA | NA | NA | NA | NA |
| 7/12/2019 | 10.7 | 0.19 | 10.4 | 11.0 | 140.6 | 92.6 | NA | NA | NA | NA | NA | NA |
| 7/13/2019 | 11.4 | 0.28 | 10.9 | 12.0 | 152.1 | 100.1 | NA | NA | NA | NA | NA | NA |
| 7/14/2019 | 11.8 | 0.45 | 11.2 | 12.4 | 163.9 | 107.9 | NA | NA | NA | NA | NA | NA |
| 7/15/2019 | 12.2 | 0.81 | 11.2 | 13.3 | 176.1 | 116.1 | NA | NA | NA | NA | NA | NA |
| 7/16/2019 | 12.3 | 0.79 | 11.0 | 13.6 | 188.4 | 124.4 | NA | NA | NA | NA | NA | NA |
| 7/17/2019 | 12.3 | 0.46 | 11.6 | 13.0 | 200.8 | 132.8 | NA | NA | NA | NA | NA | NA |
| 7/18/2019 | 12.5 | 0.58 | 11.6 | 13.4 | 213.2 | 141.2 | NA | NA | NA | NA | NA | NA |
| 7/19/2019 | 12.5 | 0.46 | 11.9 | 13.2 | 225.7 | 149.7 | NA | NA | NA | NA | NA | NA |
| 7/20/2019 | 12.5 | 0.59 | 11.7 | 13.4 | 238.2 | 158.2 | NA | NA | NA | NA | NA | NA |
| 7/21/2019 | 12.3 | 0.42 | 11.5 | 12.8 | 250.5 | 166.5 | NA | NA | NA | NA | NA | NA |
| 7/22/2019 | 11.8 | 0.44 | 11.0 | 12.4 | 262.3 | 174.3 | NA | NA | NA | NA | NA | NA |
| 7/23/2019 | 11.5 | 0.43 | 10.8 | 12.2 | 273.9 | 181.9 | NA | NA | NA | NA | NA | NA |
| 7/24/2019 | 11.0 | 0.25 | 10.7 | 11.4 | 284.9 | 188.9 | NA | NA | NA | NA | NA | NA |
| 7/25/2019 | 11.1 | 0.19 | 10.9 | 11.4 | 296.0 | 196.0 | NA | NA | NA | NA | NA | NA |
| 7/26/2019 | 11.4 | 0.19 | 11.2 | 11.7 | 307.4 | 203.4 | NA | NA | NA | NA | NA | NA |
| 7/27/2019 | 11.4 | 0.23 | 11.0 | 11.7 | 318.8 | 210.8 | NA | NA | NA | NA | NA | NA |
| 7/28/2019 | 11.6 | 0.18 | 11.3 | 11.8 | 330.4 | 218.4 | NA | NA | NA | NA | NA | NA |
| 7/29/2019 | 12.1 | 0.35 | 11.6 | 12.6 | 342.5 | 226.5 | NA | NA | NA | NA | NA | NA |
| 7/30/2019 | 12.2 | 0.32 | 11.6 | 12.7 | 354.7 | 234.7 | NA | NA | NA | NA | NA | NA |
| 7/31/2019 | 12.6 | 0.35 | 12.0 | 13.0 | 367.3 | 243.3 | NA | NA | NA | NA | NA | NA |

August

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/1/2019 | 13.4 | 0.59 | 12.5 | 14.1 | 13.4 | 9.4 | NA | NA | NA | NA | NA | NA |
| 8/2/2019 | 14.1 | 0.75 | 12.9 | 15.2 | 27.5 | 19.5 | NA | NA | NA | NA | NA | NA |
| 8/3/2019 | 14.8 | 1.06 | 13.2 | 16.4 | 42.3 | 30.3 | NA | NA | NA | NA | NA | NA |
| 8/4/2019 | 15.4 | 1.06 | 13.9 | 17.6 | 57.7 | 41.7 | NA | NA | NA | NA | NA | NA |
| 8/5/2019 | 15.4 | 0.87 | 14.0 | 16.5 | 73.1 | 53.1 | NA | NA | NA | NA | NA | NA |
| 8/6/2019 | 15.1 | 0.81 | 13.9 | 16.4 | 88.2 | 64.2 | NA | NA | NA | NA | NA | NA |
| 8/7/2019 | 14.4 | 0.38 | 13.9 | 15.2 | 102.6 | 74.6 | NA | NA | NA | NA | NA | NA |
| 8/8/2019 | 14.4 | 0.33 | 13.6 | 14.8 | 117.0 | 85.0 | NA | NA | NA | NA | NA | NA |
| 8/9/2019 | 15.2 | 0.33 | 14.7 | 16.0 | 132.2 | 96.2 | NA | NA | NA | NA | NA | NA |
| 8/10/2019 | 14.9 | 0.68 | 14.1 | 16.0 | 147.1 | 107.1 | NA | NA | NA | NA | NA | NA |
| 8/11/2019 | 14.5 | 0.60 | 13.9 | 15.6 | 161.6 | 117.6 | NA | NA | NA | NA | NA | NA |
| 8/12/2019 | 14.6 | 0.52 | 14.0 | 16.0 | 176.3 | 128.3 | NA | NA | NA | NA | NA | NA |
| 8/13/2019 | 14.5 | 0.30 | 14.1 | 15.2 | 190.8 | 138.8 | NA | NA | NA | NA | NA | NA |
| 8/14/2019 | 14.8 | 0.30 | 14.3 | 15.3 | 205.6 | 149.6 | NA | NA | NA | NA | NA | NA |
| 8/15/2019 | 14.8 | 0.34 | 14.4 | 15.4 | 220.4 | 160.4 | NA | NA | NA | NA | NA | NA |
| 8/16/2019 | 14.9 | 0.54 | 14.1 | 15.6 | 235.2 | 171.2 | NA | NA | NA | NA | NA | NA |
| 8/17/2019 | 15.1 | 0.58 | 14.3 | 16.1 | 250.3 | 182.3 | NA | NA | NA | NA | NA | NA |
| 8/18/2019 | 14.8 | 0.43 | 13.9 | 15.3 | 265.1 | 193.1 | NA | NA | NA | NA | NA | NA |
| 8/19/2019 | 15.2 | 0.41 | 14.6 | 15.8 | 280.2 | 204.2 | NA | NA | NA | NA | NA | NA |
| 8/20/2019 | 15.4 | 0.37 | 14.8 | 16.0 | 295.6 | 215.6 | NA | NA | NA | NA | NA | NA |
| 8/21/2019 | 15.4 | 0.27 | 15.0 | 15.9 | 311.0 | 227.0 | NA | NA | NA | NA | NA | NA |
| 8/22/2019 | 15.2 | 0.25 | 14.8 | 15.6 | 326.2 | 238.2 | NA | NA | NA | NA | NA | NA |
| 8/23/2019 | 15.1 | 0.15 | 14.9 | 15.3 | 341.3 | 249.3 | NA | NA | NA | NA | NA | NA |
| 8/24/2019 | 16.0 | 0.76 | 15.4 | 17.6 | 357.3 | 261.3 | NA | NA | NA | NA | NA | NA |
| 8/25/2019 | 15.7 | 0.41 | 15.1 | 16.3 | 373.0 | 273.0 | NA | NA | NA | NA | NA | NA |
| 8/26/2019 | 15.8 | 0.32 | 15.4 | 16.2 | 388.9 | 284.9 | NA | NA | NA | NA | NA | NA |
| 8/27/2019 | 15.7 | 0.29 | 15.3 | 16.2 | 404.5 | 296.5 | NA | NA | NA | NA | NA | NA |
| 8/28/2019 | 16.4 | 0.66 | 15.0 | 17.1 | 420.9 | 308.9 | NA | NA | NA | NA | NA | NA |
| 8/29/2019 | 16.3 | 0.63 | 15.3 | 17.0 | 437.2 | 321.2 | NA | NA | NA | NA | NA | NA |
| 8/30/2019 | 17.5 | 0.90 | 15.9 | 18.7 | 454.7 | 334.7 | NA | NA | NA | NA | NA | NA |
| 8/31/2019 | 17.8 | 1.00 | 16.2 | 19.0 | 472.5 | 348.5 | NA | NA | NA | NA | NA | NA |

September

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/1/2019 | 18.2 | 0.89 | 16.3 | 19.1 | 18.2 | 14.2 | NA | NA | NA | NA | NA | NA |
| 9/2/2019 | 17.8 | 0.80 | 16.6 | 19.1 | 36.0 | 28.0 | NA | NA | NA | NA | NA | NA |
| 9/3/2019 | 17.7 | 0.75 | 16.4 | 18.6 | 53.7 | 41.7 | NA | NA | NA | NA | NA | NA |
| 9/4/2019 | 17.6 | 0.68 | 16.8 | 18.5 | 71.3 | 55.3 | NA | NA | NA | NA | NA | NA |
| 9/5/2019 | 17.9 | 0.48 | 17.1 | 18.5 | 89.2 | 69.2 | NA | NA | NA | NA | NA | NA |
| 9/6/2019 | 18.2 | 0.45 | 17.2 | 18.6 | 107.5 | 83.5 | NA | NA | NA | NA | NA | NA |
| 9/7/2019 | 17.9 | 0.53 | 17.1 | 18.6 | 125.4 | 97.4 | NA | NA | NA | NA | NA | NA |
| 9/8/2019 | 18.4 | 0.33 | 17.6 | 18.9 | 143.8 | 111.8 | NA | NA | NA | NA | NA | NA |
| 9/9/2019 | 18.0 | 0.14 | 17.7 | 18.3 | 161.8 | 125.8 | NA | NA | NA | NA | NA | NA |
| 9/10/2019 | 17.8 | 0.11 | 17.6 | 18.1 | 179.5 | 139.5 | NA | NA | NA | NA | NA | NA |
| 9/11/2019 | 17.7 | 0.09 | 17.6 | 17.9 | 197.2 | 153.2 | NA | NA | NA | NA | NA | NA |
| 9/12/2019 | 17.4 | 0.11 | 17.2 | 17.6 | 214.6 | 166.6 | NA | NA | NA | NA | NA | NA |
| 9/13/2019 | 17.2 | 0.07 | 17.1 | 17.3 | 231.8 | 179.8 | NA | NA | NA | NA | NA | NA |
| 9/14/2019 | 17.2 | 0.09 | 17.0 | 17.3 | 249.0 | 193.0 | NA | NA | NA | NA | NA | NA |
| 9/15/2019 | 17.3 | 0.16 | 17.1 | 17.6 | 266.3 | 206.3 | NA | NA | NA | NA | NA | NA |
| 9/16/2019 | 17.2 | 0.15 | 16.9 | 17.4 | 283.5 | 219.5 | NA | NA | NA | NA | NA | NA |
| 9/17/2019 | 16.7 | 0.12 | 16.5 | 16.9 | 300.2 | 232.2 | NA | NA | NA | NA | NA | NA |
| 9/18/2019 | 16.4 | 0.08 | 16.2 | 16.5 | 316.6 | 244.6 | NA | NA | NA | NA | NA | NA |
| 9/19/2019 | 16.3 | 0.16 | 16.1 | 16.6 | 332.9 | 256.9 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/20/2019 | 16.5 | 0.18 | 16.2 | 16.7 | 349.4 | 269.4 | NA | NA | NA | NA | NA | NA |
| 9/21/2019 | 16.6 | 0.13 | 16.3 | 16.7 | 366.0 | 282.0 | NA | NA | NA | NA | NA | NA |
| 9/22/2019 | 16.6 | 0.14 | 16.2 | 16.7 | 382.5 | 294.5 | NA | NA | NA | NA | NA | NA |
| 9/23/2019 | 16.6 | 0.03 | 16.6 | 16.7 | 399.2 | 307.2 | NA | NA | NA | NA | NA | NA |
| 9/24/2019 | 16.6 | 0.03 | 16.6 | 16.7 | 415.7 | 319.7 | NA | NA | NA | NA | NA | NA |
| 9/25/2019 | 16.2 | 0.16 | 16.0 | 16.6 | 432.0 | 332.0 | NA | NA | NA | NA | NA | NA |
| 9/26/2019 | 15.7 | 0.13 | 15.6 | 16.0 | 447.7 | 343.7 | NA | NA | NA | NA | NA | NA |
| 9/27/2019 | 15.8 | 0.05 | 15.7 | 15.8 | 463.5 | 355.5 | NA | NA | NA | NA | NA | NA |
| 9/28/2019 | 15.8 | 0.06 | 15.6 | 15.9 | 479.2 | 367.2 | NA | NA | NA | NA | NA | NA |
| 9/29/2019 | 15.8 | 0.07 | 15.7 | 15.9 | 495.1 | 379.1 | NA | NA | NA | NA | NA | NA |
| 9/30/2019 | 15.6 | 0.07 | 15.5 | 15.7 | 510.7 | 390.7 | NA | NA | NA | NA | NA | NA |

October

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/1/2019 | 15.5 | 0.04 | 15.4 | 15.6 | 15.5 | 11.5 | NA | NA | NA | NA | NA | NA |
| 10/2/2019 | 15.4 | 0.11 | 15.1 | 15.5 | 30.9 | 22.9 | NA | NA | NA | NA | NA | NA |
| 10/3/2019 | 14.8 | 0.18 | 14.6 | 15.1 | 45.7 | 33.7 | NA | NA | NA | NA | NA | NA |
| 10/4/2019 | 14.4 | 0.13 | 14.2 | 14.6 | 60.1 | 44.1 | NA | NA | NA | NA | NA | NA |
| 10/5/2019 | 13.7 | 0.14 | 13.6 | 14.0 | 73.8 | 53.8 | NA | NA | NA | NA | NA | NA |
| 10/6/2019 | 13.5 | 0.03 | 13.4 | 13.5 | 87.3 | 63.3 | NA | NA | NA | NA | NA | NA |
| 10/7/2019 | 13.5 | 0.02 | 13.4 | 13.5 | 100.8 | 72.8 | NA | NA | NA | NA | NA | NA |
| 10/8/2019 | 13.4 | 0.04 | 13.3 | 13.5 | 114.2 | 82.2 | NA | NA | NA | NA | NA | NA |
| 10/9/2019 | 13.4 | 0.05 | 13.3 | 13.4 | 127.5 | 91.5 | NA | NA | NA | NA | NA | NA |
| 10/10/2019 | 13.4 | 0.03 | 13.4 | 13.5 | 141.0 | 101.0 | NA | NA | NA | NA | NA | NA |
| 10/11/2019 | 13.5 | 0.10 | 13.4 | 13.6 | 154.4 | 110.4 | NA | NA | NA | NA | NA | NA |
| 10/12/2019 | 13.4 | 0.08 | 13.3 | 13.6 | 167.9 | 119.9 | NA | NA | NA | NA | NA | NA |
| 10/13/2019 | 13.4 | 0.11 | 13.3 | 13.6 | 181.3 | 129.3 | NA | NA | NA | NA | NA | NA |
| 10/14/2019 | 13.4 | 0.07 | 13.3 | 13.5 | 194.7 | 138.7 | NA | NA | NA | NA | NA | NA |
| 10/15/2019 | 13.5 | 0.06 | 13.4 | 13.5 | 208.1 | 148.1 | NA | NA | NA | NA | NA | NA |
| 10/16/2019 | 13.4 | 0.05 | 13.3 | 13.5 | 221.6 | 157.6 | NA | NA | NA | NA | NA | NA |
| 10/17/2019 | 13.5 | 0.06 | 13.3 | 13.6 | 235.0 | 167.0 | NA | NA | NA | NA | NA | NA |
| 10/18/2019 | 13.5 | 0.03 | 13.4 | 13.5 | 248.5 | 176.5 | NA | NA | NA | NA | NA | NA |
| 10/19/2019 | 13.2 | 0.07 | 13.1 | 13.3 | 261.7 | 185.7 | NA | NA | NA | NA | NA | NA |
| 10/20/2019 | 12.8 | 0.07 | 12.7 | 12.9 | 274.5 | 194.5 | NA | NA | NA | NA | NA | NA |
| 10/21/2019 | 12.7 | 0.03 | 12.7 | 12.8 | 287.3 | 203.3 | NA | NA | NA | NA | NA | NA |
| 10/22/2019 | 12.7 | 0.04 | 12.7 | 12.8 | 300.0 | 212.0 | NA | NA | NA | NA | NA | NA |
| 10/23/2019 | 12.7 | 0.05 | 12.6 | 12.8 | 312.7 | 220.7 | NA | NA | NA | NA | NA | NA |
| 10/24/2019 | 12.7 | 0.05 | 12.7 | 12.8 | 325.4 | 229.4 | NA | NA | NA | NA | NA | NA |
| 10/25/2019 | 12.5 | 0.07 | 12.4 | 12.7 | 338.0 | 238.0 | NA | NA | NA | NA | NA | NA |
| 10/26/2019 | 12.3 | 0.13 | 12.1 | 12.4 | 350.2 | 246.2 | NA | NA | NA | NA | NA | NA |
| 10/27/2019 | 12.0 | 0.10 | 11.8 | 12.2 | 362.2 | 254.2 | NA | NA | NA | NA | NA | NA |
| 10/28/2019 | 11.7 | 0.27 | 11.3 | 12.1 | 373.9 | 261.9 | NA | NA | NA | NA | NA | NA |
| 10/29/2019 | 11.7 | 0.23 | 11.4 | 12.0 | 385.6 | 269.6 | NA | NA | NA | NA | NA | NA |
| 10/30/2019 | 11.8 | 0.16 | 11.6 | 12.0 | 397.5 | 277.5 | NA | NA | NA | NA | NA | NA |
| 10/31/2019 | 11.9 | 0.11 | 11.7 | 12.0 | 409.4 | 285.4 | NA | NA | NA | NA | NA | NA |

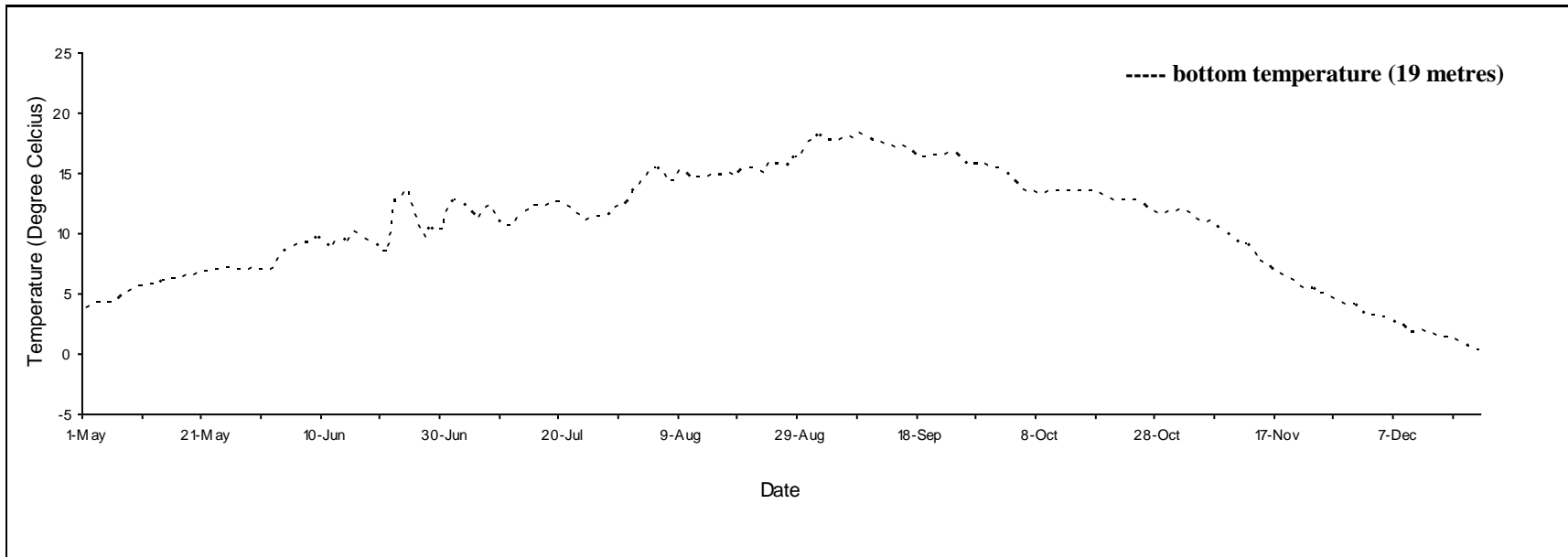
November

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 11/1/2019 | 12.0 | 0.10 | 11.8 | 12.1 | 12.0 | 8.0 | NA | NA | NA | NA | NA | NA |
| 11/2/2019 | 11.8 | 0.12 | 11.6 | 11.9 | 23.8 | 15.8 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 11/3/2019 | 11.5 | 0.12 | 11.3 | 11.6 | 35.3 | 23.3 | NA | NA | NA | NA | NA | NA |
| 11/4/2019 | 11.1 | 0.09 | 10.9 | 11.3 | 46.4 | 30.4 | NA | NA | NA | NA | NA | NA |
| 11/5/2019 | 11.0 | 0.11 | 10.8 | 11.2 | 57.4 | 37.4 | NA | NA | NA | NA | NA | NA |
| 11/6/2019 | 11.0 | 0.18 | 10.7 | 11.2 | 68.4 | 44.4 | NA | NA | NA | NA | NA | NA |
| 11/7/2019 | 10.5 | 0.06 | 10.4 | 10.6 | 78.9 | 50.9 | NA | NA | NA | NA | NA | NA |
| 11/8/2019 | 10.2 | 0.13 | 10.1 | 10.5 | 89.2 | 57.2 | NA | NA | NA | NA | NA | NA |
| 11/9/2019 | 9.8 | 0.22 | 9.4 | 10.0 | 99.0 | 63.0 | NA | NA | NA | NA | NA | NA |
| 11/10/2019 | 9.5 | 0.10 | 9.4 | 9.6 | 108.5 | 68.5 | NA | NA | NA | NA | NA | NA |
| 11/11/2019 | 9.2 | 0.09 | 9.0 | 9.3 | 117.7 | 73.7 | NA | NA | NA | NA | NA | NA |
| 11/12/2019 | 9.1 | 0.10 | 9.0 | 9.3 | 126.7 | 78.7 | NA | NA | NA | NA | NA | NA |
| 11/13/2019 | 8.8 | 0.42 | 8.0 | 9.3 | 135.5 | 83.5 | NA | NA | NA | NA | NA | NA |
| 11/14/2019 | 7.7 | 0.17 | 7.4 | 7.9 | 143.2 | 87.2 | NA | NA | NA | NA | NA | NA |
| 11/15/2019 | 7.5 | 0.11 | 7.3 | 7.7 | 150.7 | 90.7 | NA | NA | NA | NA | NA | NA |
| 11/16/2019 | 7.1 | 0.31 | 6.7 | 7.6 | 157.8 | 93.8 | NA | NA | NA | NA | NA | NA |
| 11/17/2019 | 6.8 | 0.11 | 6.6 | 7.0 | 164.6 | 96.6 | NA | NA | NA | NA | NA | NA |
| 11/18/2019 | 6.5 | 0.15 | 6.3 | 6.7 | 171.1 | 99.1 | NA | NA | NA | NA | NA | NA |
| 11/19/2019 | 6.1 | 0.08 | 6.0 | 6.3 | 177.3 | 101.3 | NA | NA | NA | NA | NA | NA |
| 11/20/2019 | 6.0 | 0.16 | 5.7 | 6.2 | 183.2 | 103.2 | NA | NA | NA | NA | NA | NA |
| 11/21/2019 | 5.6 | 0.21 | 5.3 | 5.9 | 188.8 | 104.8 | NA | NA | NA | NA | NA | NA |
| 11/22/2019 | 5.5 | 0.22 | 5.2 | 5.9 | 194.3 | 106.3 | NA | NA | NA | NA | NA | NA |
| 11/23/2019 | 5.4 | 0.21 | 4.9 | 5.7 | 199.8 | 107.8 | NA | NA | NA | NA | NA | NA |
| 11/24/2019 | 5.0 | 0.14 | 4.9 | 5.3 | 204.8 | 108.8 | NA | NA | NA | NA | NA | NA |
| 11/25/2019 | 4.9 | 0.13 | 4.8 | 5.1 | 209.7 | 109.7 | NA | NA | NA | NA | NA | NA |
| 11/26/2019 | 4.7 | 0.10 | 4.5 | 4.8 | 214.4 | 110.4 | NA | NA | NA | NA | NA | NA |
| 11/27/2019 | 4.5 | 0.08 | 4.4 | 4.6 | 218.9 | 110.9 | NA | NA | NA | NA | NA | NA |
| 11/28/2019 | 4.3 | 0.14 | 4.1 | 4.4 | 223.2 | 111.2 | NA | NA | NA | NA | NA | NA |
| 11/29/2019 | 4.0 | 0.16 | 3.8 | 4.4 | 227.2 | 111.2 | NA | NA | NA | NA | NA | NA |
| 11/30/2019 | 4.1 | 0.14 | 3.9 | 4.4 | 231.4 | 111.4 | NA | NA | NA | NA | NA | NA |

December

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 12/1/2019 | 3.7 | 0.20 | 3.4 | 4.0 | 3.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/2/2019 | 3.2 | 0.09 | 3.1 | 3.3 | 6.9 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/3/2019 | 3.2 | 0.07 | 3.1 | 3.3 | 10.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/4/2019 | 3.2 | 0.06 | 3.1 | 3.3 | 13.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/5/2019 | 3.1 | 0.09 | 3.0 | 3.3 | 16.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/6/2019 | 2.9 | 0.09 | 2.7 | 3.0 | 19.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/7/2019 | 2.5 | 0.20 | 2.0 | 2.8 | 21.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/8/2019 | 2.4 | 0.09 | 2.3 | 2.6 | 24.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/9/2019 | 1.9 | 0.21 | 1.5 | 2.3 | 26.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/10/2019 | 1.9 | 0.08 | 1.7 | 1.9 | 28.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/11/2019 | 2.0 | 0.03 | 1.9 | 2.0 | 30.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/12/2019 | 1.9 | 0.08 | 1.7 | 2.0 | 31.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/13/2019 | 1.7 | 0.10 | 1.6 | 1.9 | 33.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/14/2019 | 1.5 | 0.12 | 1.3 | 1.6 | 35.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/15/2019 | 1.4 | 0.04 | 1.3 | 1.4 | 36.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/16/2019 | 1.4 | 0.08 | 1.3 | 1.5 | 37.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/17/2019 | 1.2 | 0.09 | 1.1 | 1.4 | 39.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/18/2019 | 1.0 | 0.06 | 0.9 | 1.1 | 40.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/19/2019 | 0.6 | 0.20 | 0.4 | 0.9 | 40.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/20/2019 | 0.4 | 0.11 | 0.2 | 0.5 | 41.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/21/2019 | 0.3 | 0.09 | 0.2 | 0.4 | 41.3 | 0.0 | NA | NA | NA | NA | NA | NA |



Daily mean temperature for Strait Crossing 2, 2019.

Tabusintac, N.B.

2019

May

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 5/4/2019 | 1.6 | 0.04 | 1.5 | 1.7 | 1.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/5/2019 | 1.8 | 0.46 | 1.5 | 2.6 | 3.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/6/2019 | 2.7 | 0.07 | 2.6 | 2.8 | 6.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/7/2019 | 2.4 | 0.09 | 2.3 | 2.6 | 8.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/8/2019 | 2.4 | 0.30 | 2.2 | 3.2 | 11.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/9/2019 | 3.7 | 0.32 | 3.2 | 4.4 | 14.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/10/2019 | 4.0 | 0.54 | 3.0 | 4.5 | 18.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/11/2019 | 3.2 | 0.37 | 2.4 | 3.5 | 21.9 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/12/2019 | 3.0 | 1.05 | 1.8 | 4.5 | 24.9 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/13/2019 | 4.8 | 0.12 | 4.6 | 5.0 | 29.7 | 0.8 | NA | NA | NA | NA | NA | NA |
| 5/14/2019 | 5.0 | 0.29 | 4.6 | 5.4 | 34.6 | 1.7 | NA | NA | NA | NA | NA | NA |
| 5/15/2019 | 5.0 | 0.22 | 4.6 | 5.3 | 39.6 | 2.7 | NA | NA | NA | NA | NA | NA |
| 5/16/2019 | 4.6 | 0.25 | 4.3 | 4.9 | 44.2 | 3.3 | NA | NA | NA | NA | NA | NA |
| 5/17/2019 | 5.0 | 0.04 | 4.9 | 5.1 | 49.1 | 4.2 | NA | NA | NA | NA | NA | NA |
| 5/18/2019 | 5.0 | 0.19 | 4.8 | 5.4 | 54.1 | 5.2 | NA | NA | NA | NA | NA | NA |
| 5/19/2019 | 5.3 | 0.07 | 5.2 | 5.4 | 59.4 | 6.5 | NA | NA | NA | NA | NA | NA |
| 5/20/2019 | 5.3 | 0.03 | 5.2 | 5.3 | 64.7 | 7.8 | NA | NA | NA | NA | NA | NA |
| 5/21/2019 | 5.6 | 0.29 | 5.2 | 6.0 | 70.2 | 9.3 | NA | NA | NA | NA | NA | NA |
| 5/22/2019 | 5.5 | 0.13 | 5.3 | 5.7 | 75.7 | 10.8 | NA | NA | NA | NA | NA | NA |
| 5/23/2019 | 5.3 | 0.20 | 4.8 | 5.6 | 81.1 | 12.2 | NA | NA | NA | NA | NA | NA |
| 5/24/2019 | 4.6 | 0.07 | 4.5 | 4.7 | 85.6 | 12.7 | NA | NA | NA | NA | NA | NA |
| 5/25/2019 | 4.6 | 0.13 | 4.4 | 4.8 | 90.2 | 13.3 | NA | NA | NA | NA | NA | NA |
| 5/26/2019 | 4.8 | 0.10 | 4.5 | 4.9 | 95.0 | 14.1 | NA | NA | NA | NA | NA | NA |
| 5/27/2019 | 4.4 | 0.07 | 4.3 | 4.6 | 99.4 | 14.5 | NA | NA | NA | NA | NA | NA |
| 5/28/2019 | 5.4 | 0.67 | 4.4 | 6.5 | 104.7 | 15.8 | NA | NA | NA | NA | NA | NA |
| 5/29/2019 | 5.3 | 0.32 | 4.9 | 6.1 | 110.0 | 17.1 | NA | NA | NA | NA | NA | NA |
| 5/30/2019 | 6.1 | 0.33 | 5.6 | 6.5 | 116.1 | 19.2 | NA | NA | NA | NA | NA | NA |
| 5/31/2019 | 5.8 | 0.30 | 5.6 | 6.4 | 121.9 | 21.0 | NA | NA | NA | NA | NA | NA |

June

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/1/2019 | 6.5 | 0.89 | 5.8 | 7.9 | 6.5 | 2.5 | NA | NA | NA | NA | NA | NA |
| 6/2/2019 | 8.6 | 0.28 | 8.2 | 9.0 | 15.1 | 7.1 | NA | NA | NA | NA | NA | NA |
| 6/3/2019 | 8.5 | 0.16 | 8.4 | 8.8 | 23.6 | 11.6 | NA | NA | NA | NA | NA | NA |
| 6/4/2019 | 8.4 | 0.16 | 8.2 | 8.7 | 32.0 | 16.0 | NA | NA | NA | NA | NA | NA |
| 6/5/2019 | 8.1 | 0.08 | 7.9 | 8.1 | 40.1 | 20.1 | NA | NA | NA | NA | NA | NA |
| 6/6/2019 | 8.0 | 0.04 | 7.9 | 8.1 | 48.1 | 24.1 | NA | NA | NA | NA | NA | NA |
| 6/7/2019 | 8.1 | 0.12 | 7.8 | 8.3 | 56.2 | 28.2 | NA | NA | NA | NA | NA | NA |
| 6/8/2019 | 8.3 | 1.01 | 7.7 | 10.8 | 64.5 | 32.5 | NA | NA | NA | NA | NA | NA |
| 6/9/2019 | 10.3 | 0.80 | 9.3 | 11.6 | 74.8 | 38.8 | NA | NA | NA | NA | NA | NA |
| 6/10/2019 | 11.0 | 0.97 | 9.8 | 12.4 | 85.9 | 45.9 | NA | NA | NA | NA | NA | NA |
| 6/11/2019 | 10.6 | 0.24 | 10.3 | 11.0 | 96.5 | 52.5 | NA | NA | NA | NA | NA | NA |
| 6/12/2019 | 11.0 | 0.15 | 10.7 | 11.2 | 107.4 | 59.4 | NA | NA | NA | NA | NA | NA |
| 6/13/2019 | 11.1 | 0.26 | 10.7 | 11.6 | 118.6 | 66.6 | NA | NA | NA | NA | NA | NA |
| 6/14/2019 | 11.5 | 0.13 | 11.2 | 11.7 | 130.0 | 74.0 | NA | NA | NA | NA | NA | NA |
| 6/15/2019 | 11.1 | 0.32 | 10.5 | 11.5 | 141.2 | 81.2 | NA | NA | NA | NA | NA | NA |
| 6/16/2019 | 10.5 | 0.15 | 10.2 | 10.7 | 151.6 | 87.6 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/17/2019 | 11.6 | 0.44 | 10.7 | 12.3 | 163.3 | 95.3 | NA | NA | NA | NA | NA | NA |
| 6/18/2019 | 11.7 | 0.27 | 11.3 | 12.1 | 175.0 | 103.0 | NA | NA | NA | NA | NA | NA |
| 6/19/2019 | 11.4 | 0.04 | 11.3 | 11.4 | 186.4 | 110.4 | NA | NA | NA | NA | NA | NA |
| 6/20/2019 | 11.3 | 0.06 | 11.2 | 11.4 | 197.7 | 117.7 | NA | NA | NA | NA | NA | NA |
| 6/21/2019 | 11.7 | 1.03 | 11.0 | 13.5 | 209.4 | 125.4 | NA | NA | NA | NA | NA | NA |
| 6/22/2019 | 13.7 | 0.12 | 13.6 | 13.9 | 223.1 | 135.1 | NA | NA | NA | NA | NA | NA |
| 6/23/2019 | 13.5 | 0.27 | 13.2 | 14.0 | 236.6 | 144.6 | NA | NA | NA | NA | NA | NA |
| 6/24/2019 | 13.5 | 0.20 | 13.2 | 13.8 | 250.1 | 154.1 | NA | NA | NA | NA | NA | NA |
| 6/25/2019 | 11.8 | 0.52 | 11.3 | 13.3 | 261.9 | 161.9 | NA | NA | NA | NA | NA | NA |
| 6/26/2019 | 11.3 | 0.25 | 10.8 | 11.7 | 273.2 | 169.2 | NA | NA | NA | NA | NA | NA |
| 6/27/2019 | 9.9 | 0.37 | 9.4 | 10.6 | 283.2 | 175.2 | NA | NA | NA | NA | NA | NA |
| 6/28/2019 | 8.2 | 0.55 | 7.4 | 9.0 | 291.3 | 179.3 | NA | NA | NA | NA | NA | NA |
| 6/29/2019 | 8.2 | 0.52 | 7.3 | 9.0 | 299.5 | 183.5 | NA | NA | NA | NA | NA | NA |
| 6/30/2019 | 11.1 | 2.05 | 8.9 | 13.9 | 310.6 | 190.6 | NA | NA | NA | NA | NA | NA |

July

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/1/2019 | 14.0 | 0.08 | 13.9 | 14.1 | 14.0 | 10.0 | NA | NA | NA | NA | NA | NA |
| 7/2/2019 | 14.1 | 0.04 | 14.0 | 14.1 | 28.0 | 20.0 | NA | NA | NA | NA | NA | NA |
| 7/3/2019 | 13.9 | 0.65 | 12.1 | 14.4 | 42.0 | 30.0 | NA | NA | NA | NA | NA | NA |
| 7/4/2019 | 10.6 | 0.28 | 10.2 | 11.2 | 52.6 | 36.6 | NA | NA | NA | NA | NA | NA |
| 7/5/2019 | 10.7 | 0.43 | 10.1 | 11.3 | 63.3 | 43.3 | NA | NA | NA | NA | NA | NA |
| 7/6/2019 | 10.4 | 0.44 | 10.0 | 11.2 | 73.7 | 49.7 | NA | NA | NA | NA | NA | NA |
| 7/7/2019 | 11.0 | 0.86 | 9.9 | 12.1 | 84.7 | 56.7 | NA | NA | NA | NA | NA | NA |
| 7/8/2019 | 10.7 | 0.84 | 9.6 | 12.6 | 95.4 | 63.4 | NA | NA | NA | NA | NA | NA |
| 7/9/2019 | 10.4 | 0.91 | 9.3 | 12.2 | 105.9 | 69.9 | NA | NA | NA | NA | NA | NA |
| 7/10/2019 | 13.8 | 1.36 | 12.0 | 15.6 | 119.7 | 79.7 | NA | NA | NA | NA | NA | NA |
| 7/11/2019 | 14.5 | 0.30 | 14.0 | 14.8 | 134.1 | 90.1 | NA | NA | NA | NA | NA | NA |
| 7/12/2019 | 12.9 | 0.96 | 11.0 | 13.8 | 147.0 | 99.0 | NA | NA | NA | NA | NA | NA |
| 7/13/2019 | 10.9 | 0.22 | 10.5 | 11.2 | 157.8 | 105.8 | NA | NA | NA | NA | NA | NA |
| 7/14/2019 | 10.9 | 0.19 | 10.6 | 11.2 | 168.8 | 112.8 | NA | NA | NA | NA | NA | NA |
| 7/15/2019 | 11.6 | 0.71 | 11.1 | 13.2 | 180.4 | 120.4 | NA | NA | NA | NA | NA | NA |
| 7/16/2019 | 11.7 | 0.17 | 11.3 | 12.0 | 192.1 | 128.1 | NA | NA | NA | NA | NA | NA |
| 7/17/2019 | 11.0 | 0.48 | 10.3 | 11.9 | 203.1 | 135.1 | NA | NA | NA | NA | NA | NA |
| 7/18/2019 | 10.7 | 0.29 | 10.3 | 11.0 | 213.8 | 141.8 | NA | NA | NA | NA | NA | NA |
| 7/19/2019 | 11.2 | 0.17 | 10.9 | 11.5 | 225.0 | 149.0 | NA | NA | NA | NA | NA | NA |
| 7/20/2019 | 11.4 | 0.21 | 11.1 | 11.7 | 236.5 | 156.5 | NA | NA | NA | NA | NA | NA |
| 7/21/2019 | 12.3 | 0.25 | 11.9 | 12.8 | 248.8 | 164.8 | NA | NA | NA | NA | NA | NA |
| 7/22/2019 | 12.9 | 0.31 | 12.6 | 13.4 | 261.7 | 173.7 | NA | NA | NA | NA | NA | NA |
| 7/23/2019 | 14.5 | 0.56 | 13.7 | 15.5 | 276.2 | 184.2 | NA | NA | NA | NA | NA | NA |
| 7/24/2019 | 14.3 | 1.17 | 13.4 | 16.8 | 290.5 | 194.5 | NA | NA | NA | NA | NA | NA |
| 7/25/2019 | 13.9 | 0.32 | 13.5 | 14.4 | 304.4 | 204.4 | NA | NA | NA | NA | NA | NA |
| 7/26/2019 | 14.1 | 0.16 | 13.8 | 14.4 | 318.5 | 214.5 | NA | NA | NA | NA | NA | NA |
| 7/27/2019 | 13.5 | 0.29 | 13.2 | 14.1 | 332.0 | 224.0 | NA | NA | NA | NA | NA | NA |
| 7/28/2019 | 12.1 | 0.62 | 11.2 | 13.5 | 344.1 | 232.1 | NA | NA | NA | NA | NA | NA |
| 7/29/2019 | 11.0 | 0.22 | 10.7 | 11.4 | 355.1 | 239.1 | NA | NA | NA | NA | NA | NA |
| 7/30/2019 | 11.7 | 0.36 | 11.2 | 12.4 | 366.8 | 246.8 | NA | NA | NA | NA | NA | NA |
| 7/31/2019 | 12.0 | 0.26 | 11.6 | 12.6 | 378.8 | 254.8 | NA | NA | NA | NA | NA | NA |

August

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/1/2019 | 12.6 | 0.78 | 11.6 | 13.6 | 12.6 | 8.6 | NA | NA | NA | NA | NA | NA |
| 8/2/2019 | 13.8 | 0.85 | 12.8 | 15.8 | 26.4 | 18.4 | NA | NA | NA | NA | NA | NA |
| 8/3/2019 | 14.1 | 1.13 | 12.6 | 16.8 | 40.5 | 28.5 | NA | NA | NA | NA | NA | NA |
| 8/4/2019 | 14.5 | 1.10 | 13.6 | 17.0 | 55.0 | 39.0 | NA | NA | NA | NA | NA | NA |
| 8/5/2019 | 15.1 | 1.41 | 13.4 | 17.6 | 70.1 | 50.1 | NA | NA | NA | NA | NA | NA |
| 8/6/2019 | 16.2 | 1.34 | 14.6 | 18.5 | 86.3 | 62.3 | NA | NA | NA | NA | NA | NA |
| 8/7/2019 | 13.3 | 1.01 | 12.4 | 15.3 | 99.6 | 71.6 | NA | NA | NA | NA | NA | NA |
| 8/8/2019 | 11.7 | 0.51 | 10.6 | 12.3 | 111.3 | 79.3 | NA | NA | NA | NA | NA | NA |
| 8/9/2019 | 10.3 | 0.18 | 10.0 | 10.6 | 121.6 | 85.6 | NA | NA | NA | NA | NA | NA |
| 8/10/2019 | 11.2 | 0.90 | 10.2 | 12.5 | 132.9 | 92.9 | NA | NA | NA | NA | NA | NA |
| 8/11/2019 | 12.4 | 0.66 | 11.4 | 13.4 | 145.3 | 101.3 | NA | NA | NA | NA | NA | NA |
| 8/12/2019 | 11.8 | 0.41 | 11.3 | 12.8 | 157.2 | 109.2 | NA | NA | NA | NA | NA | NA |
| 8/13/2019 | 12.6 | 0.91 | 11.2 | 13.5 | 169.8 | 117.8 | NA | NA | NA | NA | NA | NA |
| 8/14/2019 | 12.3 | 1.13 | 11.4 | 15.5 | 182.1 | 126.1 | NA | NA | NA | NA | NA | NA |
| 8/15/2019 | 12.5 | 0.38 | 12.1 | 13.2 | 194.5 | 134.5 | NA | NA | NA | NA | NA | NA |
| 8/16/2019 | 12.3 | 0.51 | 11.7 | 13.7 | 206.8 | 142.8 | NA | NA | NA | NA | NA | NA |
| 8/17/2019 | 12.8 | 0.57 | 11.9 | 13.8 | 219.6 | 151.6 | NA | NA | NA | NA | NA | NA |
| 8/18/2019 | 13.4 | 0.36 | 12.9 | 14.0 | 233.0 | 161.0 | NA | NA | NA | NA | NA | NA |
| 8/19/2019 | 13.9 | 0.47 | 13.1 | 14.8 | 246.9 | 170.9 | NA | NA | NA | NA | NA | NA |
| 8/20/2019 | 13.3 | 0.43 | 12.6 | 13.9 | 260.2 | 180.2 | NA | NA | NA | NA | NA | NA |
| 8/21/2019 | 13.2 | 0.49 | 12.7 | 14.3 | 273.4 | 189.4 | NA | NA | NA | NA | NA | NA |
| 8/22/2019 | 12.0 | 0.46 | 11.5 | 12.7 | 285.4 | 197.4 | NA | NA | NA | NA | NA | NA |
| 8/23/2019 | 11.1 | 0.33 | 10.3 | 11.4 | 296.5 | 204.5 | NA | NA | NA | NA | NA | NA |
| 8/24/2019 | 14.0 | 2.23 | 10.4 | 17.1 | 310.5 | 214.5 | NA | NA | NA | NA | NA | NA |
| 8/25/2019 | 17.0 | 0.28 | 16.4 | 17.3 | 327.5 | 227.5 | NA | NA | NA | NA | NA | NA |
| 8/26/2019 | 14.3 | 1.43 | 12.4 | 16.6 | 341.8 | 237.8 | NA | NA | NA | NA | NA | NA |
| 8/27/2019 | 13.7 | 0.90 | 12.7 | 15.3 | 355.5 | 247.5 | NA | NA | NA | NA | NA | NA |
| 8/28/2019 | 15.1 | 0.48 | 14.4 | 15.9 | 370.7 | 258.7 | NA | NA | NA | NA | NA | NA |
| 8/29/2019 | 15.6 | 0.84 | 13.8 | 16.3 | 386.3 | 270.3 | NA | NA | NA | NA | NA | NA |
| 8/30/2019 | 13.9 | 0.24 | 13.6 | 14.4 | 400.2 | 280.2 | NA | NA | NA | NA | NA | NA |
| 8/31/2019 | 12.7 | 0.31 | 12.2 | 13.3 | 412.8 | 288.8 | NA | NA | NA | NA | NA | NA |

September

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/1/2019 | 13.2 | 0.66 | 12.0 | 14.2 | 13.2 | 9.2 | NA | NA | NA | NA | NA | NA |
| 9/2/2019 | 12.5 | 0.56 | 11.8 | 13.8 | 25.7 | 17.7 | NA | NA | NA | NA | NA | NA |
| 9/3/2019 | 10.6 | 0.24 | 10.2 | 11.0 | 36.3 | 24.3 | NA | NA | NA | NA | NA | NA |
| 9/4/2019 | 11.6 | 0.45 | 10.9 | 12.2 | 48.0 | 32.0 | NA | NA | NA | NA | NA | NA |
| 9/5/2019 | 10.6 | 0.39 | 10.2 | 11.4 | 58.5 | 38.5 | NA | NA | NA | NA | NA | NA |
| 9/6/2019 | 11.5 | 1.27 | 10.5 | 14.0 | 70.0 | 46.0 | NA | NA | NA | NA | NA | NA |
| 9/7/2019 | 15.2 | 1.66 | 13.1 | 17.0 | 85.2 | 57.2 | NA | NA | NA | NA | NA | NA |
| 9/8/2019 | 14.8 | 0.77 | 14.0 | 16.0 | 100.0 | 68.0 | NA | NA | NA | NA | NA | NA |
| 9/9/2019 | 14.8 | 0.39 | 14.1 | 15.1 | 114.8 | 78.8 | NA | NA | NA | NA | NA | NA |
| 9/10/2019 | 15.0 | 0.03 | 14.9 | 15.0 | 129.7 | 89.7 | NA | NA | NA | NA | NA | NA |
| 9/11/2019 | 14.9 | 0.04 | 14.8 | 15.0 | 144.6 | 100.6 | NA | NA | NA | NA | NA | NA |
| 9/12/2019 | 14.7 | 0.19 | 14.4 | 14.9 | 159.3 | 111.3 | NA | NA | NA | NA | NA | NA |
| 9/13/2019 | 14.3 | 0.14 | 14.1 | 14.5 | 173.6 | 121.6 | NA | NA | NA | NA | NA | NA |
| 9/14/2019 | 14.6 | 0.16 | 14.1 | 14.7 | 188.2 | 132.2 | NA | NA | NA | NA | NA | NA |
| 9/15/2019 | 14.2 | 0.33 | 13.8 | 14.6 | 202.4 | 142.4 | NA | NA | NA | NA | NA | NA |
| 9/16/2019 | 14.1 | 0.37 | 13.7 | 14.7 | 216.5 | 152.5 | NA | NA | NA | NA | NA | NA |
| 9/17/2019 | 14.5 | 0.14 | 14.3 | 14.7 | 230.9 | 162.9 | NA | NA | NA | NA | NA | NA |
| 9/18/2019 | 14.1 | 0.08 | 14.0 | 14.2 | 245.0 | 173.0 | NA | NA | NA | NA | NA | NA |
| 9/19/2019 | 14.1 | 0.02 | 14.1 | 14.2 | 259.1 | 183.1 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/20/2019 | 14.1 | 0.09 | 13.9 | 14.2 | 273.2 | 193.2 | NA | NA | NA | NA | NA | NA |
| 9/21/2019 | 14.0 | 0.19 | 13.8 | 14.3 | 287.2 | 203.2 | NA | NA | NA | NA | NA | NA |
| 9/22/2019 | 14.0 | 0.11 | 13.8 | 14.1 | 301.2 | 213.2 | NA | NA | NA | NA | NA | NA |
| 9/23/2019 | 13.8 | 0.27 | 13.4 | 14.1 | 314.9 | 222.9 | NA | NA | NA | NA | NA | NA |
| 9/24/2019 | 13.8 | 0.48 | 13.1 | 14.4 | 328.7 | 232.7 | NA | NA | NA | NA | NA | NA |
| 9/25/2019 | 13.9 | 0.04 | 13.9 | 14.0 | 342.6 | 242.6 | NA | NA | NA | NA | NA | NA |
| 9/26/2019 | 13.9 | 0.06 | 13.8 | 14.0 | 356.6 | 252.6 | NA | NA | NA | NA | NA | NA |
| 9/27/2019 | 13.9 | 0.08 | 13.8 | 14.1 | 370.5 | 262.5 | NA | NA | NA | NA | NA | NA |
| 9/28/2019 | 13.9 | 0.03 | 13.8 | 13.9 | 384.3 | 272.3 | NA | NA | NA | NA | NA | NA |
| 9/29/2019 | 13.9 | 0.04 | 13.8 | 13.9 | 398.2 | 282.2 | NA | NA | NA | NA | NA | NA |
| 9/30/2019 | 13.6 | 0.14 | 13.3 | 13.9 | 411.7 | 291.7 | NA | NA | NA | NA | NA | NA |

October

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/1/2019 | 13.5 | 0.09 | 13.2 | 13.6 | 13.5 | 9.5 | NA | NA | NA | NA | NA | NA |
| 10/2/2019 | 13.0 | 0.14 | 12.8 | 13.2 | 26.5 | 18.5 | NA | NA | NA | NA | NA | NA |
| 10/3/2019 | 12.3 | 0.37 | 11.8 | 12.7 | 38.8 | 26.8 | NA | NA | NA | NA | NA | NA |
| 10/4/2019 | 12.6 | 0.06 | 12.5 | 12.7 | 51.4 | 35.4 | NA | NA | NA | NA | NA | NA |
| 10/5/2019 | 12.1 | 0.14 | 11.8 | 12.4 | 63.5 | 43.5 | NA | NA | NA | NA | NA | NA |
| 10/6/2019 | 12.0 | 0.15 | 11.8 | 12.2 | 75.5 | 51.5 | NA | NA | NA | NA | NA | NA |
| 10/7/2019 | 12.2 | 0.04 | 12.1 | 12.2 | 87.6 | 59.6 | NA | NA | NA | NA | NA | NA |
| 10/8/2019 | 12.1 | 0.12 | 11.9 | 12.2 | 99.7 | 67.7 | NA | NA | NA | NA | NA | NA |
| 10/9/2019 | 11.9 | 0.07 | 11.8 | 12.0 | 111.6 | 75.6 | NA | NA | NA | NA | NA | NA |
| 10/10/2019 | 12.0 | 0.02 | 12.0 | 12.0 | 123.6 | 83.6 | NA | NA | NA | NA | NA | NA |
| 10/11/2019 | 12.0 | 0.02 | 11.9 | 12.0 | 135.6 | 91.6 | NA | NA | NA | NA | NA | NA |
| 10/12/2019 | 11.9 | 0.05 | 11.8 | 12.0 | 147.5 | 99.5 | NA | NA | NA | NA | NA | NA |
| 10/13/2019 | 11.8 | 0.01 | 11.8 | 11.8 | 159.4 | 107.4 | NA | NA | NA | NA | NA | NA |
| 10/14/2019 | 11.8 | 0.03 | 11.8 | 11.9 | 171.2 | 115.2 | NA | NA | NA | NA | NA | NA |
| 10/15/2019 | 11.8 | 0.02 | 11.8 | 11.8 | 183.0 | 123.0 | NA | NA | NA | NA | NA | NA |
| 10/16/2019 | 11.7 | 0.08 | 11.6 | 11.8 | 194.6 | 130.6 | NA | NA | NA | NA | NA | NA |
| 10/17/2019 | 11.5 | 0.04 | 11.5 | 11.6 | 206.2 | 138.2 | NA | NA | NA | NA | NA | NA |
| 10/18/2019 | 11.6 | 0.01 | 11.6 | 11.6 | 217.8 | 145.8 | NA | NA | NA | NA | NA | NA |
| 10/19/2019 | 11.5 | 0.03 | 11.5 | 11.6 | 229.3 | 153.3 | NA | NA | NA | NA | NA | NA |
| 10/20/2019 | 11.3 | 0.06 | 11.2 | 11.4 | 240.6 | 160.6 | NA | NA | NA | NA | NA | NA |
| 10/21/2019 | 11.2 | 0.10 | 10.9 | 11.2 | 251.8 | 167.8 | NA | NA | NA | NA | NA | NA |
| 10/22/2019 | 11.2 | 0.05 | 11.1 | 11.2 | 262.9 | 174.9 | NA | NA | NA | NA | NA | NA |
| 10/23/2019 | 10.9 | 0.04 | 10.8 | 11.0 | 273.9 | 181.9 | NA | NA | NA | NA | NA | NA |
| 10/24/2019 | 11.0 | 0.05 | 10.9 | 11.1 | 284.9 | 188.9 | NA | NA | NA | NA | NA | NA |
| 10/25/2019 | 11.0 | 0.06 | 10.9 | 11.1 | 295.9 | 195.9 | NA | NA | NA | NA | NA | NA |
| 10/26/2019 | 10.8 | 0.08 | 10.6 | 10.9 | 306.7 | 202.7 | NA | NA | NA | NA | NA | NA |
| 10/27/2019 | 10.7 | 0.08 | 10.5 | 10.8 | 317.4 | 209.4 | NA | NA | NA | NA | NA | NA |
| 10/28/2019 | 10.6 | 0.07 | 10.5 | 10.7 | 328.1 | 216.1 | NA | NA | NA | NA | NA | NA |
| 10/29/2019 | 10.8 | 0.11 | 10.6 | 10.9 | 338.8 | 222.8 | NA | NA | NA | NA | NA | NA |
| 10/30/2019 | 10.5 | 0.07 | 10.4 | 10.6 | 349.4 | 229.4 | NA | NA | NA | NA | NA | NA |
| 10/31/2019 | 10.4 | 0.05 | 10.4 | 10.5 | 359.8 | 235.8 | NA | NA | NA | NA | NA | NA |

November

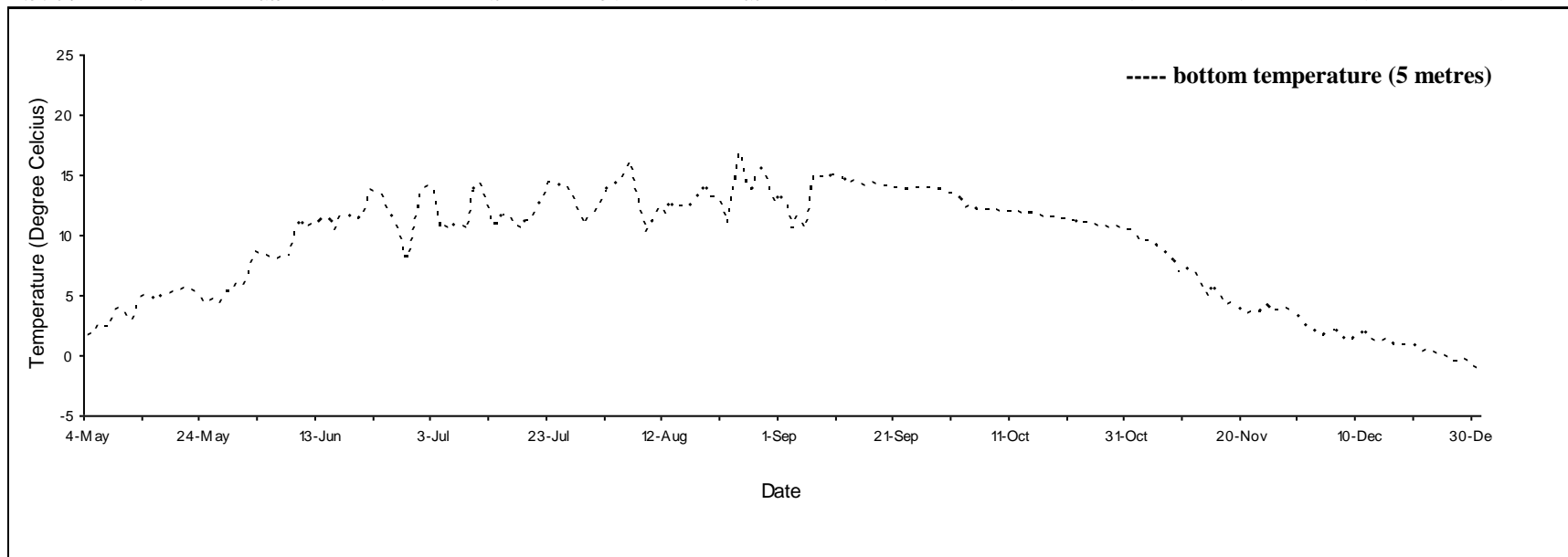
| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 11/1/2019 | 10.5 | 0.15 | 10.3 | 10.7 | 10.5 | 6.5 | NA | NA | NA | NA | NA | NA |
| 11/2/2019 | 9.7 | 0.11 | 9.7 | 10.0 | 20.2 | 12.2 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 11/3/2019 | 9.5 | 0.06 | 9.5 | 9.7 | 29.8 | 17.8 | NA | NA | NA | NA | NA | NA |
| 11/4/2019 | 9.5 | 0.02 | 9.5 | 9.6 | 39.3 | 23.3 | NA | NA | NA | NA | NA | NA |
| 11/5/2019 | 9.1 | 0.09 | 8.9 | 9.2 | 48.4 | 28.4 | NA | NA | NA | NA | NA | NA |
| 11/6/2019 | 8.9 | 0.18 | 8.6 | 9.2 | 57.3 | 33.3 | NA | NA | NA | NA | NA | NA |
| 11/7/2019 | 8.3 | 0.15 | 8.1 | 8.5 | 65.6 | 37.6 | NA | NA | NA | NA | NA | NA |
| 11/8/2019 | 7.8 | 0.37 | 7.4 | 8.4 | 73.4 | 41.4 | NA | NA | NA | NA | NA | NA |
| 11/9/2019 | 7.0 | 0.31 | 6.4 | 7.4 | 80.4 | 44.4 | NA | NA | NA | NA | NA | NA |
| 11/10/2019 | 6.9 | 0.19 | 6.6 | 7.3 | 87.3 | 47.3 | NA | NA | NA | NA | NA | NA |
| 11/11/2019 | 7.4 | 0.06 | 7.3 | 7.5 | 94.7 | 50.7 | NA | NA | NA | NA | NA | NA |
| 11/12/2019 | 6.6 | 0.46 | 6.2 | 7.4 | 101.3 | 53.3 | NA | NA | NA | NA | NA | NA |
| 11/13/2019 | 5.5 | 0.47 | 4.8 | 6.3 | 106.8 | 54.8 | NA | NA | NA | NA | NA | NA |
| 11/14/2019 | 5.1 | 0.15 | 4.6 | 5.2 | 111.9 | 55.9 | NA | NA | NA | NA | NA | NA |
| 11/15/2019 | 5.7 | 0.14 | 5.3 | 5.8 | 117.6 | 57.6 | NA | NA | NA | NA | NA | NA |
| 11/16/2019 | 5.0 | 0.44 | 4.4 | 5.7 | 122.6 | 58.6 | NA | NA | NA | NA | NA | NA |
| 11/17/2019 | 4.2 | 0.23 | 3.9 | 4.8 | 126.8 | 58.8 | NA | NA | NA | NA | NA | NA |
| 11/18/2019 | 4.4 | 0.26 | 4.1 | 4.7 | 131.2 | 59.2 | NA | NA | NA | NA | NA | NA |
| 11/19/2019 | 4.1 | 0.42 | 3.6 | 4.7 | 135.3 | 59.3 | NA | NA | NA | NA | NA | NA |
| 11/20/2019 | 3.7 | 0.16 | 3.4 | 3.9 | 139.0 | 59.3 | NA | NA | NA | NA | NA | NA |
| 11/21/2019 | 3.5 | 0.24 | 3.2 | 4.0 | 142.4 | 59.3 | NA | NA | NA | NA | NA | NA |
| 11/22/2019 | 3.6 | 0.18 | 3.3 | 3.9 | 146.0 | 59.3 | NA | NA | NA | NA | NA | NA |
| 11/23/2019 | 3.7 | 0.18 | 3.4 | 4.0 | 149.7 | 59.3 | NA | NA | NA | NA | NA | NA |
| 11/24/2019 | 4.3 | 0.28 | 3.7 | 4.6 | 154.0 | 59.6 | NA | NA | NA | NA | NA | NA |
| 11/25/2019 | 3.8 | 0.37 | 3.2 | 4.2 | 157.8 | 59.6 | NA | NA | NA | NA | NA | NA |
| 11/26/2019 | 3.8 | 0.25 | 3.4 | 4.1 | 161.6 | 59.6 | NA | NA | NA | NA | NA | NA |
| 11/27/2019 | 3.9 | 0.12 | 3.7 | 4.1 | 165.6 | 59.6 | NA | NA | NA | NA | NA | NA |
| 11/28/2019 | 3.8 | 0.13 | 3.5 | 3.9 | 169.3 | 59.6 | NA | NA | NA | NA | NA | NA |
| 11/29/2019 | 3.4 | 0.13 | 3.1 | 3.6 | 172.8 | 59.6 | NA | NA | NA | NA | NA | NA |
| 11/30/2019 | 2.8 | 0.13 | 2.5 | 3.0 | 175.6 | 59.6 | NA | NA | NA | NA | NA | NA |

December

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 12/1/2019 | 2.4 | 0.16 | 2.1 | 2.7 | 2.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/2/2019 | 2.2 | 0.09 | 2.1 | 2.3 | 4.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/3/2019 | 1.8 | 0.19 | 1.5 | 2.1 | 6.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/4/2019 | 1.6 | 0.16 | 1.5 | 1.8 | 8.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/5/2019 | 2.0 | 0.10 | 1.8 | 2.1 | 10.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/6/2019 | 2.1 | 0.13 | 1.9 | 2.3 | 12.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/7/2019 | 1.7 | 0.15 | 1.5 | 1.9 | 14.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/8/2019 | 1.3 | 0.12 | 1.1 | 1.5 | 15.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/9/2019 | 1.4 | 0.19 | 1.1 | 1.7 | 16.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/10/2019 | 1.7 | 0.08 | 1.6 | 1.8 | 18.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/11/2019 | 1.9 | 0.10 | 1.8 | 2.2 | 20.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/12/2019 | 1.5 | 0.32 | 1.1 | 2.0 | 21.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/13/2019 | 1.2 | 0.23 | 0.6 | 1.4 | 22.9 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/14/2019 | 1.2 | 0.17 | 0.8 | 1.4 | 24.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/15/2019 | 1.4 | 0.09 | 1.2 | 1.5 | 25.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/16/2019 | 0.9 | 0.16 | 0.7 | 1.2 | 26.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/17/2019 | 1.1 | 0.20 | 0.8 | 1.3 | 27.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/18/2019 | 1.0 | 0.24 | 0.6 | 1.2 | 28.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/19/2019 | 1.0 | 0.22 | 0.6 | 1.2 | 29.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/20/2019 | 0.6 | 0.16 | 0.4 | 1.1 | 30.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/21/2019 | 0.3 | 0.08 | 0.2 | 0.5 | 30.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/22/2019 | 0.4 | 0.04 | 0.4 | 0.5 | 30.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/23/2019 | 0.3 | 0.16 | 0.0 | 0.5 | 31.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/24/2019 | 0.1 | 0.09 | 0.0 | 0.3 | 31.2 | 0.0 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 12/25/2019 | -0.1 | 0.08 | -0.2 | 0.1 | 31.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/26/2019 | -0.5 | 0.20 | -0.8 | -0.2 | 31.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/27/2019 | -0.5 | 0.10 | -0.6 | -0.3 | 31.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/28/2019 | -0.3 | 0.05 | -0.3 | -0.2 | 31.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/29/2019 | -0.4 | 0.13 | -0.7 | -0.3 | 31.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/30/2019 | -0.8 | 0.11 | -1.0 | -0.7 | 31.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/31/2019 | -1.0 | 0.03 | -1.1 | -1.0 | 31.2 | 0.0 | NA | NA | NA | NA | NA | NA |



Daily mean temperature for Tabusintac, N.B., 2019.

Victoria, P.E.I.

2019

May

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 5/1/2019 | 3.6 | 0.27 | 3.3 | 4.0 | 3.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/2/2019 | 3.9 | 0.16 | 3.7 | 4.2 | 7.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/3/2019 | 4.1 | 0.16 | 3.9 | 4.3 | 11.6 | 0.1 | NA | NA | NA | NA | NA | NA |
| 5/4/2019 | 4.5 | 0.25 | 4.1 | 5.0 | 16.2 | 0.6 | NA | NA | NA | NA | NA | NA |
| 5/5/2019 | 4.5 | 0.07 | 4.4 | 4.7 | 20.7 | 1.2 | NA | NA | NA | NA | NA | NA |
| 5/6/2019 | 5.0 | 0.36 | 4.4 | 5.5 | 25.7 | 2.2 | NA | NA | NA | NA | NA | NA |
| 5/7/2019 | 6.0 | 0.42 | 5.5 | 6.6 | 31.7 | 4.2 | NA | NA | NA | NA | NA | NA |
| 5/8/2019 | 6.6 | 0.17 | 6.4 | 6.9 | 38.3 | 6.8 | NA | NA | NA | NA | NA | NA |
| 5/9/2019 | 6.5 | 0.16 | 6.3 | 6.7 | 44.8 | 9.3 | NA | NA | NA | NA | NA | NA |
| 5/10/2019 | 6.2 | 0.17 | 6.0 | 6.5 | 51.1 | 11.5 | NA | NA | NA | NA | NA | NA |
| 5/11/2019 | 5.8 | 0.36 | 5.3 | 6.4 | 56.8 | 13.3 | NA | NA | NA | NA | NA | NA |
| 5/12/2019 | 5.9 | 0.27 | 5.5 | 6.3 | 62.7 | 15.2 | NA | NA | NA | NA | NA | NA |
| 5/13/2019 | 6.0 | 0.09 | 5.9 | 6.1 | 68.7 | 17.2 | NA | NA | NA | NA | NA | NA |
| 5/14/2019 | 6.1 | 0.16 | 5.8 | 6.4 | 74.8 | 19.3 | NA | NA | NA | NA | NA | NA |
| 5/15/2019 | 5.8 | 0.13 | 5.7 | 6.0 | 80.7 | 21.1 | NA | NA | NA | NA | NA | NA |
| 5/16/2019 | 6.0 | 0.07 | 5.8 | 6.1 | 86.7 | 23.1 | NA | NA | NA | NA | NA | NA |
| 5/17/2019 | 6.0 | 0.14 | 5.8 | 6.3 | 92.7 | 25.2 | NA | NA | NA | NA | NA | NA |
| 5/18/2019 | 6.4 | 0.13 | 6.1 | 6.6 | 99.0 | 27.5 | NA | NA | NA | NA | NA | NA |
| 5/19/2019 | 6.3 | 0.11 | 6.1 | 6.5 | 105.3 | 29.8 | NA | NA | NA | NA | NA | NA |
| 5/20/2019 | 6.5 | 0.07 | 6.4 | 6.6 | 111.8 | 32.3 | NA | NA | NA | NA | NA | NA |
| 5/21/2019 | 6.5 | 0.09 | 6.4 | 6.6 | 118.3 | 34.8 | NA | NA | NA | NA | NA | NA |
| 5/22/2019 | 6.5 | 0.07 | 6.4 | 6.6 | 124.8 | 37.3 | NA | NA | NA | NA | NA | NA |
| 5/23/2019 | 6.5 | 0.08 | 6.5 | 6.7 | 131.4 | 39.8 | NA | NA | NA | NA | NA | NA |
| 5/24/2019 | 6.9 | 0.20 | 6.6 | 7.2 | 138.3 | 42.8 | NA | NA | NA | NA | NA | NA |
| 5/25/2019 | 7.1 | 0.06 | 7.1 | 7.2 | 145.4 | 45.9 | NA | NA | NA | NA | NA | NA |
| 5/26/2019 | 7.7 | 0.28 | 7.2 | 8.0 | 153.1 | 49.6 | NA | NA | NA | NA | NA | NA |
| 5/27/2019 | 8.1 | 0.07 | 7.9 | 8.1 | 161.2 | 53.6 | NA | NA | NA | NA | NA | NA |
| 5/28/2019 | 8.2 | 0.07 | 8.1 | 8.4 | 169.3 | 57.8 | NA | NA | NA | NA | NA | NA |
| 5/29/2019 | 8.5 | 0.30 | 8.1 | 9.1 | 177.8 | 62.3 | NA | NA | NA | NA | NA | NA |
| 5/30/2019 | 9.2 | 0.16 | 9.0 | 9.5 | 187.1 | 67.5 | NA | NA | NA | NA | NA | NA |
| 5/31/2019 | 9.6 | 0.09 | 9.5 | 9.8 | 196.7 | 73.1 | NA | NA | NA | NA | NA | NA |

June

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/1/2019 | 9.7 | 0.10 | 9.5 | 9.9 | 9.7 | 5.7 | NA | NA | NA | NA | NA | NA |
| 6/2/2019 | 10.5 | 0.32 | 10.1 | 11.0 | 20.3 | 12.3 | NA | NA | NA | NA | NA | NA |
| 6/3/2019 | 10.2 | 0.22 | 9.9 | 10.4 | 30.5 | 18.5 | NA | NA | NA | NA | NA | NA |
| 6/4/2019 | 10.7 | 0.16 | 10.4 | 10.9 | 41.2 | 25.2 | NA | NA | NA | NA | NA | NA |
| 6/5/2019 | 10.9 | 0.28 | 10.3 | 11.2 | 52.0 | 32.0 | NA | NA | NA | NA | NA | NA |
| 6/6/2019 | 11.0 | 0.17 | 10.7 | 11.3 | 63.1 | 39.1 | NA | NA | NA | NA | NA | NA |
| 6/7/2019 | 11.0 | 0.22 | 10.8 | 11.6 | 74.1 | 46.1 | NA | NA | NA | NA | NA | NA |
| 6/8/2019 | 11.0 | 0.43 | 10.2 | 11.5 | 85.1 | 53.1 | NA | NA | NA | NA | NA | NA |
| 6/9/2019 | 10.5 | 0.38 | 10.0 | 11.1 | 95.6 | 59.6 | NA | NA | NA | NA | NA | NA |
| 6/10/2019 | 10.4 | 0.33 | 10.0 | 11.2 | 106.0 | 66.0 | NA | NA | NA | NA | NA | NA |
| 6/11/2019 | 12.6 | 0.76 | 11.2 | 13.6 | 118.6 | 74.6 | NA | NA | NA | NA | NA | NA |
| 6/12/2019 | 12.2 | 2.05 | 8.8 | 13.8 | 130.8 | 82.8 | NA | NA | NA | NA | NA | NA |
| 6/13/2019 | 9.1 | 0.32 | 8.7 | 9.6 | 139.8 | 87.8 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/14/2019 | 10.4 | 0.75 | 8.6 | 11.5 | 150.3 | 94.3 | NA | NA | NA | NA | NA | NA |
| 6/15/2019 | 11.8 | 0.14 | 11.6 | 12.0 | 162.1 | 102.1 | NA | NA | NA | NA | NA | NA |
| 6/16/2019 | 12.3 | 0.18 | 12.0 | 12.6 | 174.4 | 110.4 | NA | NA | NA | NA | NA | NA |
| 6/17/2019 | 12.4 | 0.24 | 12.1 | 12.7 | 186.9 | 118.9 | NA | NA | NA | NA | NA | NA |
| 6/18/2019 | 12.0 | 0.44 | 11.4 | 12.7 | 198.9 | 126.9 | NA | NA | NA | NA | NA | NA |
| 6/19/2019 | 11.9 | 0.44 | 11.4 | 12.7 | 210.7 | 134.7 | NA | NA | NA | NA | NA | NA |
| 6/20/2019 | 11.6 | 0.41 | 11.2 | 12.5 | 222.4 | 142.4 | NA | NA | NA | NA | NA | NA |
| 6/21/2019 | 12.6 | 0.74 | 11.6 | 13.9 | 235.0 | 151.0 | NA | NA | NA | NA | NA | NA |
| 6/22/2019 | 10.3 | 1.29 | 8.5 | 12.6 | 245.3 | 157.3 | NA | NA | NA | NA | NA | NA |
| 6/23/2019 | 8.7 | 0.48 | 7.9 | 9.2 | 253.9 | 161.9 | NA | NA | NA | NA | NA | NA |
| 6/24/2019 | 8.7 | 0.18 | 8.5 | 9.1 | 262.6 | 166.6 | NA | NA | NA | NA | NA | NA |
| 6/25/2019 | 9.1 | 0.44 | 8.6 | 10.0 | 271.8 | 171.8 | NA | NA | NA | NA | NA | NA |
| 6/26/2019 | 11.4 | 0.65 | 10.4 | 12.6 | 283.1 | 179.1 | NA | NA | NA | NA | NA | NA |
| 6/27/2019 | 14.2 | 1.18 | 12.3 | 15.3 | 297.3 | 189.3 | NA | NA | NA | NA | NA | NA |
| 6/28/2019 | 15.2 | 0.06 | 15.1 | 15.3 | 312.5 | 200.5 | NA | NA | NA | NA | NA | NA |
| 6/29/2019 | 15.2 | 0.07 | 15.1 | 15.3 | 327.7 | 211.7 | NA | NA | NA | NA | NA | NA |
| 6/30/2019 | 14.8 | 0.58 | 13.9 | 15.4 | 342.4 | 222.4 | NA | NA | NA | NA | NA | NA |

July

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/1/2019 | 14.1 | 0.55 | 13.4 | 15.1 | 14.1 | 10.1 | NA | NA | NA | NA | NA | NA |
| 7/2/2019 | 13.9 | 0.37 | 13.4 | 14.4 | 28.0 | 20.0 | NA | NA | NA | NA | NA | NA |
| 7/3/2019 | 13.5 | 0.35 | 12.9 | 13.9 | 41.4 | 29.4 | NA | NA | NA | NA | NA | NA |
| 7/4/2019 | 13.7 | 0.36 | 13.1 | 14.3 | 55.1 | 39.1 | NA | NA | NA | NA | NA | NA |
| 7/5/2019 | 13.5 | 0.38 | 13.1 | 14.2 | 68.6 | 48.6 | NA | NA | NA | NA | NA | NA |
| 7/6/2019 | 13.5 | 0.55 | 12.8 | 14.6 | 82.1 | 58.1 | NA | NA | NA | NA | NA | NA |
| 7/7/2019 | 13.1 | 0.28 | 12.6 | 13.6 | 95.2 | 67.2 | NA | NA | NA | NA | NA | NA |
| 7/8/2019 | 13.5 | 0.53 | 13.1 | 14.9 | 108.6 | 76.6 | NA | NA | NA | NA | NA | NA |
| 7/9/2019 | 13.2 | 0.54 | 12.4 | 14.2 | 121.9 | 85.9 | NA | NA | NA | NA | NA | NA |
| 7/10/2019 | 12.5 | 0.46 | 11.8 | 13.2 | 134.3 | 94.3 | NA | NA | NA | NA | NA | NA |
| 7/11/2019 | 12.5 | 0.31 | 11.9 | 12.9 | 146.8 | 102.8 | NA | NA | NA | NA | NA | NA |
| 7/12/2019 | 15.1 | 1.37 | 13.3 | 16.9 | 161.8 | 113.8 | NA | NA | NA | NA | NA | NA |
| 7/13/2019 | 17.0 | 0.24 | 16.8 | 17.6 | 178.8 | 126.8 | NA | NA | NA | NA | NA | NA |
| 7/14/2019 | 17.6 | 0.33 | 16.6 | 17.8 | 196.4 | 140.4 | NA | NA | NA | NA | NA | NA |
| 7/15/2019 | 16.2 | 0.34 | 15.8 | 16.8 | 212.6 | 152.6 | NA | NA | NA | NA | NA | NA |
| 7/16/2019 | 15.9 | 0.06 | 15.8 | 16.0 | 228.5 | 164.5 | NA | NA | NA | NA | NA | NA |
| 7/17/2019 | 16.3 | 0.34 | 15.9 | 16.9 | 244.8 | 176.8 | NA | NA | NA | NA | NA | NA |
| 7/18/2019 | 16.0 | 0.16 | 15.7 | 16.2 | 260.9 | 188.9 | NA | NA | NA | NA | NA | NA |
| 7/19/2019 | 16.2 | 0.24 | 15.7 | 16.5 | 277.1 | 201.1 | NA | NA | NA | NA | NA | NA |
| 7/20/2019 | 16.0 | 0.31 | 15.5 | 16.5 | 293.1 | 213.1 | NA | NA | NA | NA | NA | NA |
| 7/21/2019 | 16.0 | 0.22 | 15.8 | 16.6 | 309.1 | 225.1 | NA | NA | NA | NA | NA | NA |
| 7/22/2019 | 15.8 | 0.19 | 15.4 | 16.0 | 324.9 | 236.9 | NA | NA | NA | NA | NA | NA |
| 7/23/2019 | 15.7 | 0.16 | 15.5 | 16.0 | 340.6 | 248.6 | NA | NA | NA | NA | NA | NA |
| 7/24/2019 | 16.0 | 0.37 | 15.6 | 16.8 | 356.6 | 260.6 | NA | NA | NA | NA | NA | NA |
| 7/25/2019 | 16.3 | 0.31 | 15.9 | 16.7 | 373.0 | 273.0 | NA | NA | NA | NA | NA | NA |
| 7/26/2019 | 15.9 | 0.14 | 15.7 | 16.1 | 388.8 | 284.8 | NA | NA | NA | NA | NA | NA |
| 7/27/2019 | 15.8 | 0.18 | 15.5 | 16.1 | 404.7 | 296.7 | NA | NA | NA | NA | NA | NA |
| 7/28/2019 | 16.2 | 0.23 | 15.9 | 16.6 | 420.9 | 308.9 | NA | NA | NA | NA | NA | NA |
| 7/29/2019 | 16.2 | 0.31 | 15.8 | 16.8 | 437.1 | 321.1 | NA | NA | NA | NA | NA | NA |
| 7/30/2019 | 16.0 | 0.20 | 15.7 | 16.3 | 453.1 | 333.1 | NA | NA | NA | NA | NA | NA |
| 7/31/2019 | 16.5 | 0.25 | 16.1 | 16.9 | 469.7 | 345.7 | NA | NA | NA | NA | NA | NA |

August

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/1/2019 | 17.1 | 0.32 | 16.7 | 17.8 | 17.1 | 13.1 | NA | NA | NA | NA | NA | NA |
| 8/2/2019 | 17.8 | 0.60 | 17.1 | 19.0 | 34.9 | 26.9 | NA | NA | NA | NA | NA | NA |
| 8/3/2019 | 17.2 | 0.52 | 16.4 | 18.1 | 52.1 | 40.1 | NA | NA | NA | NA | NA | NA |
| 8/4/2019 | 17.2 | 0.42 | 16.3 | 17.8 | 69.3 | 53.3 | NA | NA | NA | NA | NA | NA |
| 8/5/2019 | 16.2 | 0.59 | 15.4 | 17.0 | 85.5 | 65.5 | NA | NA | NA | NA | NA | NA |
| 8/6/2019 | 16.1 | 0.51 | 15.5 | 17.1 | 101.6 | 77.6 | NA | NA | NA | NA | NA | NA |
| 8/7/2019 | 17.0 | 0.46 | 16.4 | 17.8 | 118.6 | 90.6 | NA | NA | NA | NA | NA | NA |
| 8/8/2019 | 19.1 | 0.85 | 17.8 | 20.0 | 137.7 | 105.7 | NA | NA | NA | NA | NA | NA |
| 8/9/2019 | 20.0 | 0.08 | 19.9 | 20.2 | 157.7 | 121.7 | NA | NA | NA | NA | NA | NA |
| 8/10/2019 | 20.0 | 0.20 | 19.8 | 20.5 | 177.7 | 137.7 | NA | NA | NA | NA | NA | NA |
| 8/11/2019 | 18.8 | 1.08 | 17.0 | 20.0 | 196.5 | 152.5 | NA | NA | NA | NA | NA | NA |
| 8/12/2019 | 15.9 | 0.47 | 15.3 | 16.7 | 212.4 | 164.4 | NA | NA | NA | NA | NA | NA |
| 8/13/2019 | 16.0 | 0.42 | 15.4 | 16.8 | 228.4 | 176.4 | NA | NA | NA | NA | NA | NA |
| 8/14/2019 | 15.6 | 0.18 | 15.3 | 15.8 | 244.0 | 188.0 | NA | NA | NA | NA | NA | NA |
| 8/15/2019 | 16.8 | 0.36 | 16.2 | 17.3 | 260.8 | 200.8 | NA | NA | NA | NA | NA | NA |
| 8/16/2019 | 18.2 | 0.73 | 16.9 | 19.5 | 279.0 | 215.0 | NA | NA | NA | NA | NA | NA |
| 8/17/2019 | 20.2 | 0.18 | 19.9 | 20.4 | 299.2 | 231.2 | NA | NA | NA | NA | NA | NA |
| 8/18/2019 | 20.6 | 0.11 | 20.3 | 20.7 | 319.7 | 247.7 | NA | NA | NA | NA | NA | NA |
| 8/19/2019 | 20.7 | 0.32 | 20.3 | 21.4 | 340.5 | 264.5 | NA | NA | NA | NA | NA | NA |
| 8/20/2019 | 20.7 | 0.42 | 20.1 | 21.3 | 361.2 | 281.2 | NA | NA | NA | NA | NA | NA |
| 8/21/2019 | 19.6 | 0.42 | 18.9 | 20.2 | 380.8 | 296.8 | NA | NA | NA | NA | NA | NA |
| 8/22/2019 | 19.9 | 0.60 | 18.6 | 20.4 | 400.6 | 312.6 | NA | NA | NA | NA | NA | NA |
| 8/23/2019 | 19.4 | 0.47 | 18.8 | 20.2 | 420.0 | 328.0 | NA | NA | NA | NA | NA | NA |
| 8/24/2019 | 18.3 | 1.32 | 16.9 | 20.0 | 438.3 | 342.3 | NA | NA | NA | NA | NA | NA |
| 8/25/2019 | 17.8 | 0.26 | 17.3 | 18.2 | 456.1 | 356.1 | NA | NA | NA | NA | NA | NA |
| 8/26/2019 | 18.1 | 0.17 | 17.9 | 18.4 | 474.2 | 370.2 | NA | NA | NA | NA | NA | NA |
| 8/27/2019 | 18.0 | 0.27 | 17.6 | 18.5 | 492.2 | 384.2 | NA | NA | NA | NA | NA | NA |
| 8/28/2019 | 17.9 | 0.30 | 17.6 | 18.4 | 510.1 | 398.1 | NA | NA | NA | NA | NA | NA |
| 8/29/2019 | 18.6 | 0.52 | 17.7 | 19.2 | 528.6 | 412.6 | NA | NA | NA | NA | NA | NA |
| 8/30/2019 | 19.4 | 0.19 | 19.2 | 19.8 | 548.0 | 428.0 | NA | NA | NA | NA | NA | NA |
| 8/31/2019 | 19.5 | 0.08 | 19.4 | 19.7 | 567.5 | 443.5 | NA | NA | NA | NA | NA | NA |

September

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/1/2019 | 19.3 | 0.15 | 19.1 | 19.6 | 19.3 | 15.3 | NA | NA | NA | NA | NA | NA |
| 9/2/2019 | 19.2 | 0.11 | 19.0 | 19.4 | 38.5 | 30.5 | NA | NA | NA | NA | NA | NA |
| 9/3/2019 | 19.2 | 0.06 | 19.1 | 19.3 | 57.7 | 45.7 | NA | NA | NA | NA | NA | NA |
| 9/4/2019 | 19.3 | 0.15 | 19.1 | 19.6 | 77.0 | 61.0 | NA | NA | NA | NA | NA | NA |
| 9/5/2019 | 19.3 | 0.12 | 19.2 | 19.5 | 96.3 | 76.3 | NA | NA | NA | NA | NA | NA |
| 9/6/2019 | 19.0 | 0.05 | 19.0 | 19.1 | 115.4 | 91.4 | NA | NA | NA | NA | NA | NA |
| 9/7/2019 | 18.7 | 0.31 | 18.1 | 19.0 | 134.1 | 106.1 | NA | NA | NA | NA | NA | NA |
| 9/8/2019 | 17.2 | 0.30 | 16.7 | 18.0 | 151.3 | 119.3 | NA | NA | NA | NA | NA | NA |
| 9/9/2019 | 16.5 | 0.44 | 15.9 | 17.2 | 167.8 | 131.8 | NA | NA | NA | NA | NA | NA |
| 9/10/2019 | 16.8 | 0.26 | 16.2 | 17.1 | 184.6 | 144.6 | NA | NA | NA | NA | NA | NA |
| 9/11/2019 | 17.0 | 0.07 | 16.9 | 17.1 | 201.6 | 157.6 | NA | NA | NA | NA | NA | NA |
| 9/12/2019 | 16.9 | 0.09 | 16.8 | 17.1 | 218.5 | 170.5 | NA | NA | NA | NA | NA | NA |
| 9/13/2019 | 17.0 | 0.17 | 16.8 | 17.3 | 235.6 | 183.6 | NA | NA | NA | NA | NA | NA |
| 9/14/2019 | 16.9 | 0.10 | 16.6 | 17.0 | 252.5 | 196.5 | NA | NA | NA | NA | NA | NA |
| 9/15/2019 | 16.9 | 0.17 | 16.6 | 17.1 | 269.4 | 209.4 | NA | NA | NA | NA | NA | NA |
| 9/16/2019 | 17.2 | 0.10 | 17.1 | 17.3 | 286.6 | 222.6 | NA | NA | NA | NA | NA | NA |
| 9/17/2019 | 16.9 | 0.19 | 16.6 | 17.2 | 303.5 | 235.5 | NA | NA | NA | NA | NA | NA |
| 9/18/2019 | 16.5 | 0.08 | 16.4 | 16.6 | 320.0 | 248.0 | NA | NA | NA | NA | NA | NA |
| 9/19/2019 | 16.2 | 0.05 | 16.2 | 16.4 | 336.2 | 260.2 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/20/2019 | 16.2 | 0.05 | 16.2 | 16.3 | 352.5 | 272.5 | NA | NA | NA | NA | NA | NA |
| 9/21/2019 | 16.3 | 0.05 | 16.3 | 16.4 | 368.8 | 284.8 | NA | NA | NA | NA | NA | NA |
| 9/22/2019 | 16.3 | 0.10 | 16.3 | 16.6 | 385.1 | 297.1 | NA | NA | NA | NA | NA | NA |
| 9/23/2019 | 16.5 | 0.04 | 16.4 | 16.5 | 401.6 | 309.6 | NA | NA | NA | NA | NA | NA |
| 9/24/2019 | 16.5 | 0.04 | 16.4 | 16.5 | 418.1 | 322.1 | NA | NA | NA | NA | NA | NA |
| 9/25/2019 | 16.6 | 0.06 | 16.5 | 16.7 | 434.6 | 334.6 | NA | NA | NA | NA | NA | NA |
| 9/26/2019 | 16.4 | 0.05 | 16.3 | 16.5 | 451.0 | 347.0 | NA | NA | NA | NA | NA | NA |
| 9/27/2019 | 16.3 | 0.07 | 16.2 | 16.4 | 467.4 | 359.4 | NA | NA | NA | NA | NA | NA |
| 9/28/2019 | 16.2 | 0.10 | 16.0 | 16.3 | 483.6 | 371.6 | NA | NA | NA | NA | NA | NA |
| 9/29/2019 | 16.1 | 0.08 | 16.0 | 16.3 | 499.7 | 383.7 | NA | NA | NA | NA | NA | NA |
| 9/30/2019 | 15.6 | 0.16 | 15.4 | 15.9 | 515.3 | 395.3 | NA | NA | NA | NA | NA | NA |

October

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/1/2019 | 15.3 | 0.09 | 15.2 | 15.4 | 15.3 | 11.3 | NA | NA | NA | NA | NA | NA |
| 10/2/2019 | 15.0 | 0.10 | 14.9 | 15.2 | 30.3 | 22.3 | NA | NA | NA | NA | NA | NA |
| 10/3/2019 | 14.5 | 0.17 | 14.2 | 14.8 | 44.8 | 32.8 | NA | NA | NA | NA | NA | NA |
| 10/4/2019 | 13.9 | 0.23 | 13.4 | 14.2 | 58.7 | 42.7 | NA | NA | NA | NA | NA | NA |
| 10/5/2019 | 12.9 | 0.42 | 12.5 | 13.8 | 71.6 | 51.6 | NA | NA | NA | NA | NA | NA |
| 10/6/2019 | 13.0 | 0.15 | 12.8 | 13.3 | 84.6 | 60.6 | NA | NA | NA | NA | NA | NA |
| 10/7/2019 | 13.2 | 0.08 | 13.0 | 13.3 | 97.8 | 69.8 | NA | NA | NA | NA | NA | NA |
| 10/8/2019 | 13.3 | 0.09 | 13.1 | 13.4 | 111.0 | 79.0 | NA | NA | NA | NA | NA | NA |
| 10/9/2019 | 13.7 | 0.14 | 13.4 | 13.8 | 124.7 | 88.7 | NA | NA | NA | NA | NA | NA |
| 10/10/2019 | 13.6 | 0.08 | 13.5 | 13.7 | 138.3 | 98.3 | NA | NA | NA | NA | NA | NA |
| 10/11/2019 | 13.4 | 0.05 | 13.4 | 13.5 | 151.7 | 107.7 | NA | NA | NA | NA | NA | NA |
| 10/12/2019 | 13.3 | 0.03 | 13.3 | 13.4 | 165.0 | 117.0 | NA | NA | NA | NA | NA | NA |
| 10/13/2019 | 13.2 | 0.06 | 13.2 | 13.3 | 178.2 | 126.2 | NA | NA | NA | NA | NA | NA |
| 10/14/2019 | 13.1 | 0.04 | 13.1 | 13.2 | 191.4 | 135.4 | NA | NA | NA | NA | NA | NA |
| 10/15/2019 | 13.1 | 0.04 | 13.0 | 13.1 | 204.4 | 144.4 | NA | NA | NA | NA | NA | NA |
| 10/16/2019 | 13.0 | 0.06 | 12.9 | 13.1 | 217.4 | 153.4 | NA | NA | NA | NA | NA | NA |
| 10/17/2019 | 12.8 | 0.10 | 12.6 | 13.0 | 230.2 | 162.2 | NA | NA | NA | NA | NA | NA |
| 10/18/2019 | 12.7 | 0.12 | 12.4 | 12.8 | 242.8 | 170.8 | NA | NA | NA | NA | NA | NA |
| 10/19/2019 | 12.8 | 0.10 | 12.6 | 12.9 | 255.7 | 179.7 | NA | NA | NA | NA | NA | NA |
| 10/20/2019 | 12.4 | 0.16 | 12.2 | 12.6 | 268.0 | 188.0 | NA | NA | NA | NA | NA | NA |
| 10/21/2019 | 12.1 | 0.07 | 12.0 | 12.2 | 280.1 | 196.1 | NA | NA | NA | NA | NA | NA |
| 10/22/2019 | 12.0 | 0.07 | 11.9 | 12.1 | 292.1 | 204.1 | NA | NA | NA | NA | NA | NA |
| 10/23/2019 | 12.0 | 0.08 | 11.9 | 12.1 | 304.1 | 212.1 | NA | NA | NA | NA | NA | NA |
| 10/24/2019 | 12.2 | 0.02 | 12.1 | 12.2 | 316.3 | 220.3 | NA | NA | NA | NA | NA | NA |
| 10/25/2019 | 12.1 | 0.03 | 12.1 | 12.2 | 328.4 | 228.4 | NA | NA | NA | NA | NA | NA |
| 10/26/2019 | 11.8 | 0.13 | 11.6 | 12.1 | 340.2 | 236.2 | NA | NA | NA | NA | NA | NA |
| 10/27/2019 | 11.5 | 0.08 | 11.4 | 11.6 | 351.7 | 243.7 | NA | NA | NA | NA | NA | NA |
| 10/28/2019 | 11.4 | 0.09 | 11.3 | 11.6 | 363.2 | 251.2 | NA | NA | NA | NA | NA | NA |
| 10/29/2019 | 11.4 | 0.08 | 11.2 | 11.5 | 374.5 | 258.5 | NA | NA | NA | NA | NA | NA |
| 10/30/2019 | 11.3 | 0.15 | 11.1 | 11.6 | 385.8 | 265.8 | NA | NA | NA | NA | NA | NA |
| 10/31/2019 | 11.4 | 0.12 | 11.2 | 11.6 | 397.3 | 273.3 | NA | NA | NA | NA | NA | NA |

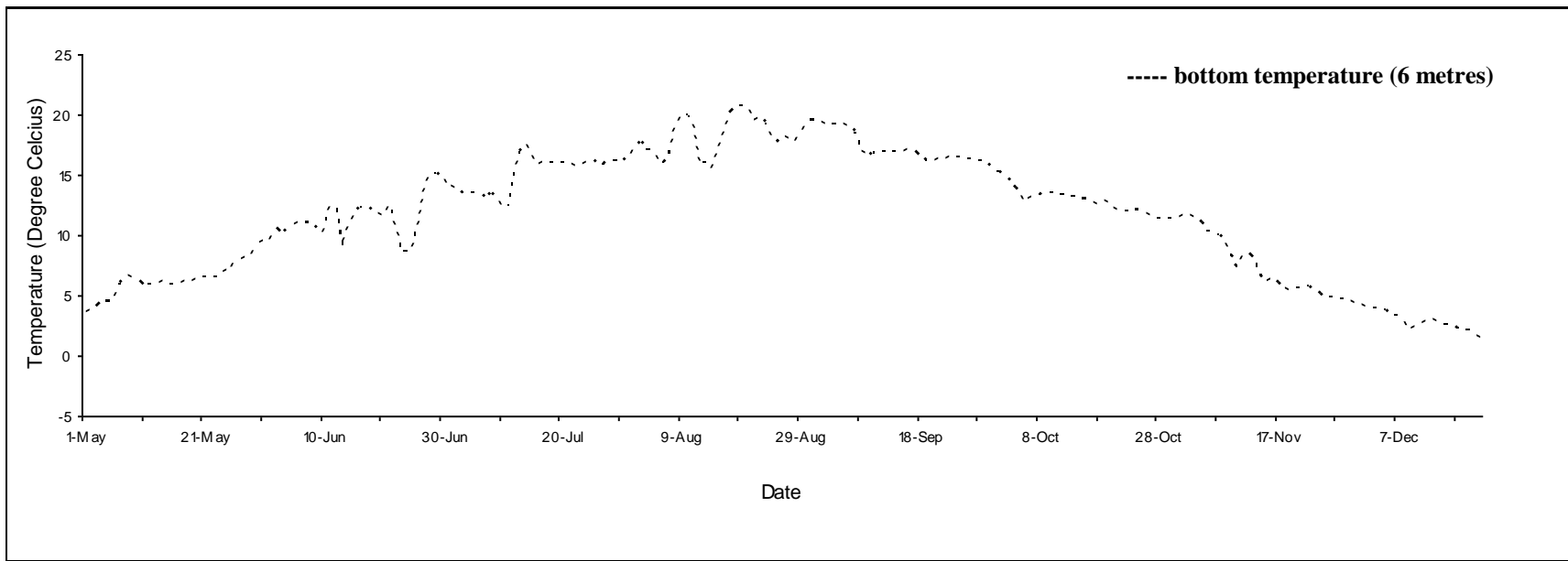
November

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 11/1/2019 | 11.7 | 0.20 | 11.4 | 12.0 | 11.7 | 7.7 | NA | NA | NA | NA | NA | NA |
| 11/2/2019 | 11.8 | 0.10 | 11.6 | 11.9 | 23.4 | 15.4 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 11/3/2019 | 11.5 | 0.14 | 11.3 | 11.6 | 34.9 | 22.9 | NA | NA | NA | NA | NA | NA |
| 11/4/2019 | 11.0 | 0.13 | 10.8 | 11.3 | 45.9 | 29.9 | NA | NA | NA | NA | NA | NA |
| 11/5/2019 | 10.3 | 0.34 | 9.8 | 10.7 | 56.2 | 36.2 | NA | NA | NA | NA | NA | NA |
| 11/6/2019 | 10.4 | 0.25 | 10.0 | 10.8 | 66.6 | 42.6 | NA | NA | NA | NA | NA | NA |
| 11/7/2019 | 10.0 | 0.21 | 9.6 | 10.3 | 76.6 | 48.6 | NA | NA | NA | NA | NA | NA |
| 11/8/2019 | 9.6 | 0.16 | 9.3 | 9.8 | 86.2 | 54.2 | NA | NA | NA | NA | NA | NA |
| 11/9/2019 | 8.3 | 0.75 | 6.9 | 9.3 | 94.5 | 58.5 | NA | NA | NA | NA | NA | NA |
| 11/10/2019 | 7.5 | 0.49 | 6.5 | 8.1 | 102.0 | 62.0 | NA | NA | NA | NA | NA | NA |
| 11/11/2019 | 8.4 | 0.16 | 8.2 | 8.6 | 110.4 | 66.4 | NA | NA | NA | NA | NA | NA |
| 11/12/2019 | 8.5 | 0.14 | 8.2 | 8.7 | 118.9 | 70.9 | NA | NA | NA | NA | NA | NA |
| 11/13/2019 | 8.1 | 0.35 | 7.2 | 8.4 | 127.0 | 75.0 | NA | NA | NA | NA | NA | NA |
| 11/14/2019 | 6.6 | 0.28 | 6.0 | 7.0 | 133.6 | 77.6 | NA | NA | NA | NA | NA | NA |
| 11/15/2019 | 6.2 | 0.62 | 5.0 | 7.1 | 139.8 | 79.8 | NA | NA | NA | NA | NA | NA |
| 11/16/2019 | 6.6 | 0.16 | 6.3 | 6.8 | 146.3 | 82.3 | NA | NA | NA | NA | NA | NA |
| 11/17/2019 | 6.0 | 0.14 | 5.8 | 6.3 | 152.3 | 84.3 | NA | NA | NA | NA | NA | NA |
| 11/18/2019 | 5.7 | 0.12 | 5.5 | 5.8 | 158.0 | 86.0 | NA | NA | NA | NA | NA | NA |
| 11/19/2019 | 5.5 | 0.03 | 5.5 | 5.5 | 163.5 | 87.5 | NA | NA | NA | NA | NA | NA |
| 11/20/2019 | 5.5 | 0.01 | 5.5 | 5.6 | 169.0 | 89.0 | NA | NA | NA | NA | NA | NA |
| 11/21/2019 | 5.7 | 0.04 | 5.6 | 5.7 | 174.7 | 90.7 | NA | NA | NA | NA | NA | NA |
| 11/22/2019 | 5.7 | 0.02 | 5.7 | 5.8 | 180.4 | 92.4 | NA | NA | NA | NA | NA | NA |
| 11/23/2019 | 5.5 | 0.17 | 5.2 | 5.7 | 185.9 | 93.9 | NA | NA | NA | NA | NA | NA |
| 11/24/2019 | 5.1 | 0.03 | 5.1 | 5.2 | 191.0 | 95.0 | NA | NA | NA | NA | NA | NA |
| 11/25/2019 | 4.9 | 0.10 | 4.8 | 5.1 | 195.9 | 95.9 | NA | NA | NA | NA | NA | NA |
| 11/26/2019 | 4.8 | 0.03 | 4.8 | 4.9 | 200.8 | 96.8 | NA | NA | NA | NA | NA | NA |
| 11/27/2019 | 4.8 | 0.07 | 4.7 | 4.8 | 205.5 | 97.5 | NA | NA | NA | NA | NA | NA |
| 11/28/2019 | 4.7 | 0.03 | 4.6 | 4.7 | 210.2 | 98.2 | NA | NA | NA | NA | NA | NA |
| 11/29/2019 | 4.7 | 0.03 | 4.6 | 4.7 | 214.8 | 98.8 | NA | NA | NA | NA | NA | NA |
| 11/30/2019 | 4.4 | 0.09 | 4.4 | 4.6 | 219.3 | 99.3 | NA | NA | NA | NA | NA | NA |

December

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 12/1/2019 | 4.2 | 0.07 | 4.1 | 4.3 | 4.2 | 0.2 | NA | NA | NA | NA | NA | NA |
| 12/2/2019 | 4.2 | 0.03 | 4.1 | 4.2 | 8.4 | 0.4 | NA | NA | NA | NA | NA | NA |
| 12/3/2019 | 4.0 | 0.03 | 4.0 | 4.1 | 12.4 | 0.4 | NA | NA | NA | NA | NA | NA |
| 12/4/2019 | 3.9 | 0.12 | 3.7 | 4.1 | 16.3 | 0.4 | NA | NA | NA | NA | NA | NA |
| 12/5/2019 | 3.7 | 0.01 | 3.7 | 3.7 | 20.0 | 0.4 | NA | NA | NA | NA | NA | NA |
| 12/6/2019 | 3.5 | 0.17 | 3.3 | 3.7 | 23.5 | 0.4 | NA | NA | NA | NA | NA | NA |
| 12/7/2019 | 3.3 | 0.07 | 3.1 | 3.3 | 26.8 | 0.4 | NA | NA | NA | NA | NA | NA |
| 12/8/2019 | 2.8 | 0.12 | 2.7 | 3.1 | 29.6 | 0.4 | NA | NA | NA | NA | NA | NA |
| 12/9/2019 | 2.3 | 0.11 | 2.2 | 2.6 | 31.9 | 0.4 | NA | NA | NA | NA | NA | NA |
| 12/10/2019 | 2.4 | 0.04 | 2.3 | 2.5 | 34.3 | 0.4 | NA | NA | NA | NA | NA | NA |
| 12/11/2019 | 2.7 | 0.13 | 2.5 | 2.9 | 37.1 | 0.4 | NA | NA | NA | NA | NA | NA |
| 12/12/2019 | 3.1 | 0.05 | 3.0 | 3.1 | 40.1 | 0.4 | NA | NA | NA | NA | NA | NA |
| 12/13/2019 | 3.0 | 0.06 | 2.9 | 3.1 | 43.1 | 0.4 | NA | NA | NA | NA | NA | NA |
| 12/14/2019 | 2.8 | 0.07 | 2.7 | 2.9 | 45.9 | 0.4 | NA | NA | NA | NA | NA | NA |
| 12/15/2019 | 2.6 | 0.03 | 2.6 | 2.7 | 48.5 | 0.4 | NA | NA | NA | NA | NA | NA |
| 12/16/2019 | 2.5 | 0.06 | 2.4 | 2.6 | 51.1 | 0.4 | NA | NA | NA | NA | NA | NA |
| 12/17/2019 | 2.2 | 0.08 | 2.2 | 2.4 | 53.3 | 0.4 | NA | NA | NA | NA | NA | NA |
| 12/18/2019 | 2.2 | 0.02 | 2.2 | 2.2 | 55.5 | 0.4 | NA | NA | NA | NA | NA | NA |
| 12/19/2019 | 2.2 | 0.04 | 2.1 | 2.2 | 57.6 | 0.4 | NA | NA | NA | NA | NA | NA |
| 12/20/2019 | 1.8 | 0.16 | 1.6 | 2.1 | 59.5 | 0.4 | NA | NA | NA | NA | NA | NA |
| 12/21/2019 | 1.6 | 0.01 | 1.6 | 1.6 | 61.0 | 0.4 | NA | NA | NA | NA | NA | NA |



Daily mean temperature for Victoria, P.E.I., 2019.

Wallace 1, N.S.

2019

May

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 5/5/2019 | 4.6 | 0.02 | 4.6 | 4.6 | 4.6 | 0.6 | NA | NA | NA | NA | NA | NA |
| 5/6/2019 | 4.5 | 0.05 | 4.5 | 4.6 | 9.1 | 1.1 | NA | NA | NA | NA | NA | NA |
| 5/7/2019 | 4.6 | 0.04 | 4.5 | 4.7 | 13.7 | 1.7 | NA | NA | NA | NA | NA | NA |
| 5/8/2019 | 5.3 | 0.66 | 4.5 | 6.3 | 19.0 | 3.0 | NA | NA | NA | NA | NA | NA |
| 5/9/2019 | 6.3 | 0.06 | 6.2 | 6.5 | 25.3 | 5.3 | NA | NA | NA | NA | NA | NA |
| 5/10/2019 | 6.4 | 0.07 | 6.3 | 6.5 | 31.7 | 7.7 | NA | NA | NA | NA | NA | NA |
| 5/11/2019 | 6.1 | 0.24 | 5.8 | 6.5 | 37.9 | 9.9 | NA | NA | NA | NA | NA | NA |
| 5/12/2019 | 6.7 | 0.14 | 6.3 | 6.9 | 44.5 | 12.5 | NA | NA | NA | NA | NA | NA |
| 5/13/2019 | 6.2 | 0.28 | 6.0 | 6.6 | 50.8 | 14.8 | NA | NA | NA | NA | NA | NA |
| 5/14/2019 | 6.1 | 0.29 | 5.8 | 6.7 | 56.8 | 16.8 | NA | NA | NA | NA | NA | NA |
| 5/15/2019 | 5.8 | 0.32 | 5.4 | 6.4 | 62.6 | 18.6 | NA | NA | NA | NA | NA | NA |
| 5/16/2019 | 5.8 | 0.40 | 5.4 | 6.5 | 68.4 | 20.4 | NA | NA | NA | NA | NA | NA |
| 5/17/2019 | 6.3 | 0.19 | 6.0 | 6.6 | 74.8 | 22.8 | NA | NA | NA | NA | NA | NA |
| 5/18/2019 | 6.3 | 0.21 | 6.1 | 6.7 | 81.1 | 25.1 | NA | NA | NA | NA | NA | NA |
| 5/19/2019 | 6.7 | 0.07 | 6.6 | 6.9 | 87.8 | 27.8 | NA | NA | NA | NA | NA | NA |
| 5/20/2019 | 6.5 | 0.12 | 6.4 | 6.8 | 94.3 | 30.3 | NA | NA | NA | NA | NA | NA |
| 5/21/2019 | 6.5 | 0.14 | 6.4 | 6.9 | 100.8 | 32.8 | NA | NA | NA | NA | NA | NA |
| 5/22/2019 | 7.0 | 0.12 | 6.8 | 7.2 | 107.8 | 35.8 | NA | NA | NA | NA | NA | NA |
| 5/23/2019 | 7.1 | 0.13 | 7.0 | 7.5 | 114.9 | 38.9 | NA | NA | NA | NA | NA | NA |
| 5/24/2019 | 7.2 | 0.07 | 7.2 | 7.4 | 122.1 | 42.1 | NA | NA | NA | NA | NA | NA |
| 5/25/2019 | 7.3 | 0.09 | 7.2 | 7.4 | 129.4 | 45.4 | NA | NA | NA | NA | NA | NA |
| 5/26/2019 | 7.2 | 0.11 | 7.2 | 7.5 | 136.7 | 48.7 | NA | NA | NA | NA | NA | NA |
| 5/27/2019 | 6.9 | 0.22 | 6.7 | 7.3 | 143.6 | 51.6 | NA | NA | NA | NA | NA | NA |
| 5/28/2019 | 7.1 | 0.57 | 6.6 | 8.3 | 150.7 | 54.7 | NA | NA | NA | NA | NA | NA |
| 5/29/2019 | 7.1 | 0.16 | 6.8 | 7.4 | 157.8 | 57.8 | NA | NA | NA | NA | NA | NA |
| 5/30/2019 | 6.7 | 0.08 | 6.6 | 6.8 | 164.5 | 60.5 | NA | NA | NA | NA | NA | NA |
| 5/31/2019 | 6.3 | 0.23 | 6.0 | 6.7 | 170.8 | 62.8 | NA | NA | NA | NA | NA | NA |

June

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/1/2019 | 5.8 | 0.03 | 5.8 | 5.9 | 5.8 | 1.8 | NA | NA | NA | NA | NA | NA |
| 6/2/2019 | 5.9 | 0.04 | 5.8 | 5.9 | 11.7 | 3.7 | NA | NA | NA | NA | NA | NA |
| 6/3/2019 | 6.1 | 0.19 | 5.8 | 6.4 | 17.8 | 5.8 | NA | NA | NA | NA | NA | NA |
| 6/4/2019 | 6.3 | 0.09 | 6.2 | 6.4 | 24.1 | 8.1 | NA | NA | NA | NA | NA | NA |
| 6/5/2019 | 6.4 | 0.06 | 6.3 | 6.5 | 30.5 | 10.5 | NA | NA | NA | NA | NA | NA |
| 6/6/2019 | 6.5 | 0.24 | 6.3 | 7.0 | 37.1 | 13.1 | NA | NA | NA | NA | NA | NA |
| 6/7/2019 | 6.9 | 0.24 | 6.6 | 7.3 | 44.0 | 16.0 | NA | NA | NA | NA | NA | NA |
| 6/8/2019 | 6.9 | 0.25 | 6.6 | 7.4 | 50.9 | 18.9 | NA | NA | NA | NA | NA | NA |
| 6/9/2019 | 7.5 | 0.44 | 6.9 | 8.1 | 58.4 | 22.4 | NA | NA | NA | NA | NA | NA |
| 6/10/2019 | 7.4 | 0.57 | 7.0 | 8.8 | 65.7 | 25.7 | NA | NA | NA | NA | NA | NA |
| 6/11/2019 | 6.7 | 0.11 | 6.7 | 7.0 | 72.4 | 28.4 | NA | NA | NA | NA | NA | NA |
| 6/12/2019 | 9.0 | 2.32 | 6.6 | 11.7 | 81.4 | 33.4 | NA | NA | NA | NA | NA | NA |
| 6/13/2019 | 11.7 | 0.27 | 11.1 | 12.0 | 93.1 | 41.1 | NA | NA | NA | NA | NA | NA |
| 6/14/2019 | 9.9 | 1.73 | 7.8 | 11.9 | 103.0 | 47.0 | NA | NA | NA | NA | NA | NA |
| 6/15/2019 | 8.4 | 0.62 | 7.6 | 9.4 | 111.4 | 51.4 | NA | NA | NA | NA | NA | NA |
| 6/16/2019 | 8.8 | 0.51 | 8.1 | 9.5 | 120.2 | 56.2 | NA | NA | NA | NA | NA | NA |
| 6/17/2019 | 9.3 | 0.85 | 8.1 | 10.4 | 129.5 | 61.5 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/18/2019 | 10.0 | 0.85 | 8.8 | 11.4 | 139.5 | 67.5 | NA | NA | NA | NA | NA | NA |
| 6/19/2019 | 9.4 | 0.72 | 8.3 | 10.8 | 148.8 | 72.8 | NA | NA | NA | NA | NA | NA |
| 6/20/2019 | 8.6 | 0.77 | 7.8 | 10.3 | 157.5 | 77.5 | NA | NA | NA | NA | NA | NA |
| 6/21/2019 | 8.5 | 0.84 | 7.7 | 10.1 | 165.9 | 81.9 | NA | NA | NA | NA | NA | NA |
| 6/22/2019 | 13.8 | 0.34 | 13.0 | 14.2 | 179.7 | 91.7 | NA | NA | NA | NA | NA | NA |
| 6/23/2019 | 13.9 | 0.14 | 13.8 | 14.2 | 193.6 | 101.6 | NA | NA | NA | NA | NA | NA |
| 6/24/2019 | 14.1 | 0.04 | 14.0 | 14.2 | 207.8 | 111.8 | NA | NA | NA | NA | NA | NA |
| 6/25/2019 | 14.1 | 0.15 | 13.8 | 14.3 | 221.8 | 121.8 | NA | NA | NA | NA | NA | NA |
| 6/26/2019 | 12.5 | 0.59 | 12.1 | 13.9 | 234.4 | 130.4 | NA | NA | NA | NA | NA | NA |
| 6/27/2019 | 12.0 | 0.35 | 11.6 | 12.8 | 246.4 | 138.4 | NA | NA | NA | NA | NA | NA |
| 6/28/2019 | 10.9 | 0.61 | 9.9 | 11.6 | 257.3 | 145.3 | NA | NA | NA | NA | NA | NA |
| 6/29/2019 | 11.4 | 0.72 | 10.0 | 12.4 | 268.7 | 152.7 | NA | NA | NA | NA | NA | NA |
| 6/30/2019 | 11.9 | 0.62 | 10.9 | 12.6 | 280.6 | 160.6 | NA | NA | NA | NA | NA | NA |

July

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/1/2019 | 13.0 | 1.12 | 11.4 | 14.4 | 13.0 | 9.0 | NA | NA | NA | NA | NA | NA |
| 7/2/2019 | 14.5 | 0.09 | 14.4 | 14.6 | 27.6 | 19.6 | NA | NA | NA | NA | NA | NA |
| 7/3/2019 | 14.6 | 0.09 | 14.5 | 14.8 | 42.2 | 30.2 | NA | NA | NA | NA | NA | NA |
| 7/4/2019 | 14.7 | 0.12 | 14.5 | 14.8 | 56.9 | 40.9 | NA | NA | NA | NA | NA | NA |
| 7/5/2019 | 13.2 | 1.35 | 11.3 | 14.9 | 70.1 | 50.1 | NA | NA | NA | NA | NA | NA |
| 7/6/2019 | 12.1 | 1.43 | 10.7 | 14.8 | 82.2 | 58.2 | NA | NA | NA | NA | NA | NA |
| 7/7/2019 | 13.5 | 2.51 | 10.8 | 17.1 | 95.7 | 67.7 | NA | NA | NA | NA | NA | NA |
| 7/8/2019 | 11.6 | 1.28 | 10.9 | 15.5 | 107.3 | 75.3 | NA | NA | NA | NA | NA | NA |
| 7/9/2019 | 12.4 | 1.93 | 10.8 | 17.6 | 119.7 | 83.7 | NA | NA | NA | NA | NA | NA |
| 7/10/2019 | 14.1 | 2.61 | 11.2 | 17.9 | 133.8 | 93.8 | NA | NA | NA | NA | NA | NA |
| 7/11/2019 | 14.4 | 1.76 | 12.1 | 16.8 | 148.2 | 104.2 | NA | NA | NA | NA | NA | NA |
| 7/12/2019 | 11.7 | 0.54 | 11.0 | 12.4 | 159.8 | 111.8 | NA | NA | NA | NA | NA | NA |
| 7/13/2019 | 11.1 | 0.09 | 10.9 | 11.2 | 170.9 | 118.9 | NA | NA | NA | NA | NA | NA |
| 7/14/2019 | 11.1 | 0.05 | 11.0 | 11.2 | 182.0 | 126.0 | NA | NA | NA | NA | NA | NA |
| 7/15/2019 | 12.1 | 1.48 | 11.1 | 15.6 | 194.1 | 134.1 | NA | NA | NA | NA | NA | NA |
| 7/16/2019 | 14.8 | 2.00 | 12.9 | 17.8 | 208.9 | 144.9 | NA | NA | NA | NA | NA | NA |
| 7/17/2019 | 12.7 | 1.11 | 11.9 | 16.1 | 221.6 | 153.6 | NA | NA | NA | NA | NA | NA |
| 7/18/2019 | 13.9 | 2.28 | 11.9 | 18.4 | 235.6 | 163.6 | NA | NA | NA | NA | NA | NA |
| 7/19/2019 | 12.2 | 0.40 | 11.7 | 13.2 | 247.7 | 171.7 | NA | NA | NA | NA | NA | NA |
| 7/20/2019 | 12.2 | 0.27 | 11.8 | 12.7 | 259.9 | 179.9 | NA | NA | NA | NA | NA | NA |
| 7/21/2019 | 12.3 | 0.38 | 11.9 | 13.2 | 272.2 | 188.2 | NA | NA | NA | NA | NA | NA |
| 7/22/2019 | 13.1 | 0.83 | 12.3 | 14.7 | 285.3 | 197.3 | NA | NA | NA | NA | NA | NA |
| 7/23/2019 | 13.1 | 0.68 | 12.4 | 14.7 | 298.4 | 206.4 | NA | NA | NA | NA | NA | NA |
| 7/24/2019 | 13.0 | 0.71 | 12.4 | 14.4 | 311.4 | 215.4 | NA | NA | NA | NA | NA | NA |
| 7/25/2019 | 13.5 | 1.25 | 12.3 | 16.2 | 324.9 | 224.9 | NA | NA | NA | NA | NA | NA |
| 7/26/2019 | 15.1 | 1.24 | 13.4 | 16.7 | 340.0 | 236.0 | NA | NA | NA | NA | NA | NA |
| 7/27/2019 | 13.6 | 0.97 | 12.6 | 15.7 | 353.6 | 245.6 | NA | NA | NA | NA | NA | NA |
| 7/28/2019 | 13.2 | 0.73 | 12.4 | 14.4 | 366.8 | 254.8 | NA | NA | NA | NA | NA | NA |
| 7/29/2019 | 12.3 | 0.05 | 12.3 | 12.4 | 379.2 | 263.2 | NA | NA | NA | NA | NA | NA |
| 7/30/2019 | 12.4 | 0.13 | 12.3 | 12.7 | 391.6 | 271.6 | NA | NA | NA | NA | NA | NA |
| 7/31/2019 | 12.5 | 0.12 | 12.4 | 12.7 | 404.1 | 280.1 | NA | NA | NA | NA | NA | NA |

August

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/1/2019 | 12.7 | 0.28 | 12.5 | 13.4 | 12.7 | 8.7 | NA | NA | NA | NA | NA | NA |
| 8/2/2019 | 13.1 | 0.33 | 12.8 | 13.9 | 25.8 | 17.8 | NA | NA | NA | NA | NA | NA |
| 8/3/2019 | 13.3 | 0.30 | 12.9 | 13.9 | 39.1 | 27.1 | NA | NA | NA | NA | NA | NA |
| 8/4/2019 | 13.1 | 0.12 | 12.9 | 13.4 | 52.2 | 36.2 | NA | NA | NA | NA | NA | NA |
| 8/5/2019 | 13.4 | 0.15 | 13.2 | 13.8 | 65.6 | 45.6 | NA | NA | NA | NA | NA | NA |
| 8/6/2019 | 13.5 | 0.18 | 13.2 | 13.8 | 79.1 | 55.1 | NA | NA | NA | NA | NA | NA |
| 8/7/2019 | 13.2 | 0.06 | 13.1 | 13.3 | 92.3 | 64.3 | NA | NA | NA | NA | NA | NA |
| 8/8/2019 | 13.4 | 0.08 | 13.3 | 13.5 | 105.7 | 73.7 | NA | NA | NA | NA | NA | NA |
| 8/9/2019 | 13.3 | 0.06 | 13.2 | 13.4 | 119.0 | 83.0 | NA | NA | NA | NA | NA | NA |
| 8/10/2019 | 13.5 | 0.15 | 13.3 | 13.7 | 132.5 | 92.5 | NA | NA | NA | NA | NA | NA |
| 8/11/2019 | 14.0 | 0.40 | 13.6 | 14.9 | 146.5 | 102.5 | NA | NA | NA | NA | NA | NA |
| 8/12/2019 | 14.9 | 0.50 | 14.2 | 15.6 | 161.5 | 113.5 | NA | NA | NA | NA | NA | NA |
| 8/13/2019 | 14.3 | 0.22 | 14.0 | 14.7 | 175.7 | 123.7 | NA | NA | NA | NA | NA | NA |
| 8/14/2019 | 14.1 | 0.21 | 14.0 | 14.6 | 189.9 | 133.9 | NA | NA | NA | NA | NA | NA |
| 8/15/2019 | 14.2 | 0.09 | 14.0 | 14.3 | 204.1 | 144.1 | NA | NA | NA | NA | NA | NA |
| 8/16/2019 | 14.4 | 0.10 | 14.2 | 14.6 | 218.4 | 154.4 | NA | NA | NA | NA | NA | NA |
| 8/17/2019 | 14.4 | 0.03 | 14.4 | 14.5 | 232.8 | 164.8 | NA | NA | NA | NA | NA | NA |
| 8/18/2019 | 14.5 | 0.07 | 14.4 | 14.6 | 247.4 | 175.4 | NA | NA | NA | NA | NA | NA |
| 8/19/2019 | 14.7 | 0.11 | 14.6 | 14.9 | 262.1 | 186.1 | NA | NA | NA | NA | NA | NA |
| 8/20/2019 | 15.2 | 0.27 | 14.8 | 15.7 | 277.3 | 197.3 | NA | NA | NA | NA | NA | NA |
| 8/21/2019 | 16.0 | 0.40 | 15.6 | 16.8 | 293.4 | 209.4 | NA | NA | NA | NA | NA | NA |
| 8/22/2019 | 15.2 | 0.16 | 15.1 | 15.6 | 308.6 | 220.6 | NA | NA | NA | NA | NA | NA |
| 8/23/2019 | 15.2 | 0.25 | 14.8 | 15.6 | 323.8 | 231.8 | NA | NA | NA | NA | NA | NA |
| 8/24/2019 | 17.0 | 2.28 | 14.9 | 21.1 | 340.8 | 244.8 | NA | NA | NA | NA | NA | NA |
| 8/25/2019 | 20.5 | 0.89 | 17.7 | 20.9 | 361.3 | 261.3 | NA | NA | NA | NA | NA | NA |
| 8/26/2019 | 15.8 | 0.47 | 15.5 | 17.0 | 377.1 | 273.1 | NA | NA | NA | NA | NA | NA |
| 8/27/2019 | 17.4 | 1.89 | 15.4 | 19.7 | 394.5 | 286.5 | NA | NA | NA | NA | NA | NA |
| 8/28/2019 | 18.4 | 0.80 | 17.4 | 19.4 | 412.9 | 300.9 | NA | NA | NA | NA | NA | NA |
| 8/29/2019 | 16.7 | 0.27 | 16.3 | 17.1 | 429.6 | 313.6 | NA | NA | NA | NA | NA | NA |
| 8/30/2019 | 17.0 | 0.50 | 16.3 | 17.7 | 446.7 | 326.7 | NA | NA | NA | NA | NA | NA |
| 8/31/2019 | 17.7 | 0.20 | 17.5 | 18.1 | 464.4 | 340.4 | NA | NA | NA | NA | NA | NA |

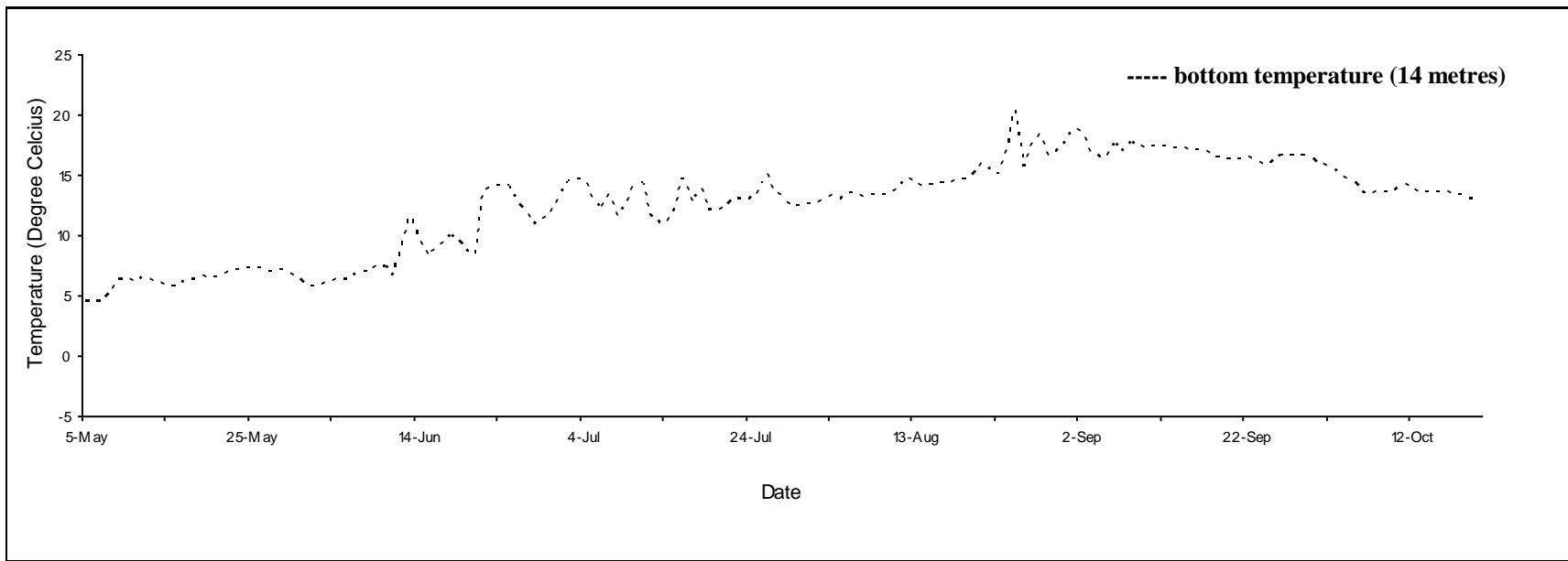
September

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/1/2019 | 18.8 | 0.45 | 18.1 | 19.3 | 18.8 | 14.8 | NA | NA | NA | NA | NA | NA |
| 9/2/2019 | 18.7 | 0.61 | 17.7 | 19.2 | 37.5 | 29.5 | NA | NA | NA | NA | NA | NA |
| 9/3/2019 | 17.0 | 0.42 | 16.3 | 17.8 | 54.5 | 42.5 | NA | NA | NA | NA | NA | NA |
| 9/4/2019 | 16.5 | 0.14 | 16.2 | 16.7 | 71.0 | 55.0 | NA | NA | NA | NA | NA | NA |
| 9/5/2019 | 16.5 | 0.47 | 16.0 | 17.1 | 87.5 | 67.5 | NA | NA | NA | NA | NA | NA |
| 9/6/2019 | 17.6 | 0.59 | 16.8 | 18.4 | 105.1 | 81.1 | NA | NA | NA | NA | NA | NA |
| 9/7/2019 | 17.0 | 0.61 | 16.4 | 18.4 | 122.1 | 94.1 | NA | NA | NA | NA | NA | NA |
| 9/8/2019 | 17.7 | 0.09 | 17.5 | 17.9 | 139.8 | 107.8 | NA | NA | NA | NA | NA | NA |
| 9/9/2019 | 17.4 | 0.10 | 17.3 | 17.6 | 157.2 | 121.2 | NA | NA | NA | NA | NA | NA |
| 9/10/2019 | 17.3 | 0.08 | 17.2 | 17.4 | 174.5 | 134.5 | NA | NA | NA | NA | NA | NA |
| 9/11/2019 | 17.4 | 0.11 | 17.3 | 17.5 | 192.0 | 148.0 | NA | NA | NA | NA | NA | NA |
| 9/12/2019 | 17.4 | 0.07 | 17.3 | 17.5 | 209.4 | 161.4 | NA | NA | NA | NA | NA | NA |
| 9/13/2019 | 17.3 | 0.04 | 17.2 | 17.3 | 226.6 | 174.6 | NA | NA | NA | NA | NA | NA |
| 9/14/2019 | 17.2 | 0.06 | 17.1 | 17.3 | 243.8 | 187.8 | NA | NA | NA | NA | NA | NA |
| 9/15/2019 | 17.1 | 0.08 | 17.0 | 17.3 | 261.0 | 201.0 | NA | NA | NA | NA | NA | NA |
| 9/16/2019 | 17.1 | 0.24 | 16.7 | 17.3 | 278.0 | 214.0 | NA | NA | NA | NA | NA | NA |
| 9/17/2019 | 17.0 | 0.19 | 16.7 | 17.3 | 295.0 | 227.0 | NA | NA | NA | NA | NA | NA |
| 9/18/2019 | 16.6 | 0.16 | 16.3 | 16.7 | 311.6 | 239.6 | NA | NA | NA | NA | NA | NA |
| 9/19/2019 | 16.5 | 0.12 | 16.3 | 16.6 | 328.1 | 252.1 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/20/2019 | 16.4 | 0.06 | 16.3 | 16.5 | 344.4 | 264.4 | NA | NA | NA | NA | NA | NA |
| 9/21/2019 | 16.4 | 0.13 | 16.2 | 16.6 | 360.8 | 276.8 | NA | NA | NA | NA | NA | NA |
| 9/22/2019 | 16.6 | 0.05 | 16.5 | 16.6 | 377.4 | 289.4 | NA | NA | NA | NA | NA | NA |
| 9/23/2019 | 16.2 | 0.32 | 15.8 | 16.7 | 393.6 | 301.6 | NA | NA | NA | NA | NA | NA |
| 9/24/2019 | 15.8 | 0.02 | 15.8 | 15.9 | 409.4 | 313.4 | NA | NA | NA | NA | NA | NA |
| 9/25/2019 | 16.1 | 0.36 | 15.7 | 16.6 | 425.5 | 325.5 | NA | NA | NA | NA | NA | NA |
| 9/26/2019 | 16.7 | 0.04 | 16.6 | 16.8 | 442.2 | 338.2 | NA | NA | NA | NA | NA | NA |
| 9/27/2019 | 16.7 | 0.03 | 16.7 | 16.8 | 458.8 | 350.8 | NA | NA | NA | NA | NA | NA |
| 9/28/2019 | 16.6 | 0.05 | 16.6 | 16.7 | 475.5 | 363.5 | NA | NA | NA | NA | NA | NA |
| 9/29/2019 | 16.6 | 0.03 | 16.6 | 16.7 | 492.1 | 376.1 | NA | NA | NA | NA | NA | NA |
| 9/30/2019 | 16.3 | 0.15 | 16.1 | 16.5 | 508.4 | 388.4 | NA | NA | NA | NA | NA | NA |

October

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/1/2019 | 15.9 | 0.05 | 15.9 | 16.0 | 15.9 | 11.9 | NA | NA | NA | NA | NA | NA |
| 10/2/2019 | 15.8 | 0.13 | 15.5 | 15.9 | 31.7 | 23.7 | NA | NA | NA | NA | NA | NA |
| 10/3/2019 | 15.2 | 0.10 | 15.1 | 15.4 | 46.9 | 34.9 | NA | NA | NA | NA | NA | NA |
| 10/4/2019 | 14.7 | 0.32 | 14.3 | 15.1 | 61.6 | 45.6 | NA | NA | NA | NA | NA | NA |
| 10/5/2019 | 14.2 | 0.23 | 13.8 | 14.5 | 75.8 | 55.8 | NA | NA | NA | NA | NA | NA |
| 10/6/2019 | 13.4 | 0.17 | 13.1 | 13.6 | 89.3 | 65.3 | NA | NA | NA | NA | NA | NA |
| 10/7/2019 | 13.5 | 0.20 | 13.2 | 13.8 | 102.8 | 74.8 | NA | NA | NA | NA | NA | NA |
| 10/8/2019 | 13.6 | 0.22 | 13.2 | 13.8 | 116.4 | 84.4 | NA | NA | NA | NA | NA | NA |
| 10/9/2019 | 13.6 | 0.11 | 13.5 | 13.9 | 130.0 | 94.0 | NA | NA | NA | NA | NA | NA |
| 10/10/2019 | 13.8 | 0.26 | 13.4 | 14.1 | 143.8 | 103.8 | NA | NA | NA | NA | NA | NA |
| 10/11/2019 | 14.2 | 0.07 | 14.1 | 14.3 | 158.0 | 114.0 | NA | NA | NA | NA | NA | NA |
| 10/12/2019 | 13.7 | 0.19 | 13.5 | 14.1 | 171.7 | 123.7 | NA | NA | NA | NA | NA | NA |
| 10/13/2019 | 13.6 | 0.06 | 13.5 | 13.7 | 185.3 | 133.3 | NA | NA | NA | NA | NA | NA |
| 10/14/2019 | 13.6 | 0.05 | 13.5 | 13.6 | 198.9 | 142.9 | NA | NA | NA | NA | NA | NA |
| 10/15/2019 | 13.6 | 0.01 | 13.6 | 13.6 | 212.5 | 152.5 | NA | NA | NA | NA | NA | NA |
| 10/16/2019 | 13.6 | 0.03 | 13.5 | 13.6 | 226.0 | 162.0 | NA | NA | NA | NA | NA | NA |
| 10/17/2019 | 13.4 | 0.14 | 13.2 | 13.6 | 239.4 | 171.4 | NA | NA | NA | NA | NA | NA |
| 10/18/2019 | 13.3 | 0.03 | 13.3 | 13.3 | 252.7 | 180.7 | NA | NA | NA | NA | NA | NA |
| 10/19/2019 | 13.0 | 0.11 | 12.9 | 13.2 | 265.8 | 189.8 | NA | NA | NA | NA | NA | NA |
| 10/20/2019 | 12.8 | 0.06 | 12.8 | 12.9 | 278.6 | 198.6 | NA | NA | NA | NA | NA | NA |



Daily mean temperature for Wallace 1, N.S., 2019.

West Point, P.E.I.

2019

May

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 5/5/2019 | 2.3 | 0.60 | 1.2 | 3.1 | 2.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/6/2019 | 2.1 | 0.71 | 1.0 | 3.2 | 4.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/7/2019 | 2.3 | 0.80 | 1.1 | 3.7 | 6.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/8/2019 | 2.2 | 0.73 | 1.1 | 3.6 | 8.9 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/9/2019 | 2.3 | 0.77 | 1.5 | 3.6 | 11.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/10/2019 | 3.4 | 0.40 | 2.7 | 3.9 | 14.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/11/2019 | 3.5 | 0.82 | 1.8 | 4.3 | 18.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/12/2019 | 2.8 | 0.74 | 1.6 | 4.1 | 20.9 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/13/2019 | 2.8 | 0.79 | 1.7 | 4.0 | 23.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/14/2019 | 3.5 | 0.46 | 2.7 | 4.2 | 27.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/15/2019 | 3.8 | 0.57 | 2.8 | 4.7 | 31.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 5/16/2019 | 4.1 | 0.36 | 3.2 | 4.5 | 35.1 | 0.1 | NA | NA | NA | NA | NA | NA |
| 5/17/2019 | 4.4 | 0.19 | 4.2 | 4.9 | 39.6 | 0.5 | NA | NA | NA | NA | NA | NA |
| 5/18/2019 | 4.7 | 0.27 | 4.0 | 4.9 | 44.2 | 1.2 | NA | NA | NA | NA | NA | NA |
| 5/19/2019 | 4.9 | 0.16 | 4.6 | 5.1 | 49.1 | 2.1 | NA | NA | NA | NA | NA | NA |
| 5/20/2019 | 5.0 | 0.17 | 4.7 | 5.2 | 54.1 | 3.1 | NA | NA | NA | NA | NA | NA |
| 5/21/2019 | 5.0 | 0.30 | 4.3 | 5.3 | 59.1 | 4.1 | NA | NA | NA | NA | NA | NA |
| 5/22/2019 | 4.9 | 0.17 | 4.8 | 5.2 | 64.0 | 5.0 | NA | NA | NA | NA | NA | NA |
| 5/23/2019 | 5.1 | 0.16 | 5.0 | 5.4 | 69.2 | 6.1 | NA | NA | NA | NA | NA | NA |
| 5/24/2019 | 5.4 | 0.18 | 5.1 | 5.7 | 74.6 | 7.5 | NA | NA | NA | NA | NA | NA |
| 5/25/2019 | 5.6 | 0.08 | 5.5 | 5.8 | 80.2 | 9.1 | NA | NA | NA | NA | NA | NA |
| 5/26/2019 | 5.8 | 0.24 | 5.2 | 6.0 | 86.0 | 11.0 | NA | NA | NA | NA | NA | NA |
| 5/27/2019 | 5.8 | 0.28 | 5.3 | 6.1 | 91.8 | 12.7 | NA | NA | NA | NA | NA | NA |
| 5/28/2019 | 5.1 | 0.58 | 4.2 | 6.1 | 96.9 | 13.9 | NA | NA | NA | NA | NA | NA |
| 5/29/2019 | 4.3 | 0.60 | 3.2 | 5.0 | 101.2 | 14.1 | NA | NA | NA | NA | NA | NA |
| 5/30/2019 | 4.4 | 0.61 | 3.3 | 5.4 | 105.6 | 14.5 | NA | NA | NA | NA | NA | NA |
| 5/31/2019 | 4.7 | 0.72 | 3.2 | 5.8 | 110.3 | 15.3 | NA | NA | NA | NA | NA | NA |

June

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/1/2019 | 4.8 | 0.60 | 3.7 | 5.6 | 4.8 | 0.8 | NA | NA | NA | NA | NA | NA |
| 6/2/2019 | 4.6 | 1.01 | 2.9 | 5.8 | 9.5 | 1.5 | NA | NA | NA | NA | NA | NA |
| 6/3/2019 | 5.2 | 1.20 | 3.4 | 6.7 | 14.6 | 2.6 | NA | NA | NA | NA | NA | NA |
| 6/4/2019 | 5.6 | 1.23 | 3.9 | 7.3 | 20.3 | 4.3 | NA | NA | NA | NA | NA | NA |
| 6/5/2019 | 6.0 | 1.00 | 4.2 | 7.5 | 26.3 | 6.3 | NA | NA | NA | NA | NA | NA |
| 6/6/2019 | 6.1 | 0.99 | 4.7 | 7.7 | 32.4 | 8.4 | NA | NA | NA | NA | NA | NA |
| 6/7/2019 | 6.5 | 0.82 | 5.2 | 7.9 | 38.9 | 10.9 | NA | NA | NA | NA | NA | NA |
| 6/8/2019 | 6.6 | 0.85 | 4.9 | 7.8 | 45.5 | 13.5 | NA | NA | NA | NA | NA | NA |
| 6/9/2019 | 6.9 | 0.70 | 5.7 | 8.1 | 52.4 | 16.4 | NA | NA | NA | NA | NA | NA |
| 6/10/2019 | 7.4 | 0.53 | 6.2 | 8.3 | 59.9 | 19.9 | NA | NA | NA | NA | NA | NA |
| 6/11/2019 | 8.2 | 0.37 | 7.7 | 8.9 | 68.1 | 24.1 | NA | NA | NA | NA | NA | NA |
| 6/12/2019 | 8.4 | 0.87 | 6.9 | 9.4 | 76.5 | 28.5 | NA | NA | NA | NA | NA | NA |
| 6/13/2019 | 8.9 | 1.03 | 7.2 | 10.2 | 85.4 | 33.4 | NA | NA | NA | NA | NA | NA |
| 6/14/2019 | 9.0 | 1.38 | 6.3 | 10.5 | 94.3 | 38.3 | NA | NA | NA | NA | NA | NA |
| 6/15/2019 | 9.4 | 0.98 | 7.8 | 10.6 | 103.8 | 43.8 | NA | NA | NA | NA | NA | NA |
| 6/16/2019 | 9.9 | 0.78 | 8.4 | 10.9 | 113.6 | 49.6 | NA | NA | NA | NA | NA | NA |
| 6/17/2019 | 10.5 | 1.02 | 8.0 | 11.7 | 124.1 | 56.1 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 6/18/2019 | 11.3 | 0.52 | 10.2 | 12.0 | 135.4 | 63.4 | NA | NA | NA | NA | NA | NA |
| 6/19/2019 | 11.5 | 0.76 | 9.5 | 12.4 | 146.9 | 70.9 | NA | NA | NA | NA | NA | NA |
| 6/20/2019 | 11.9 | 0.55 | 10.9 | 12.6 | 158.7 | 78.7 | NA | NA | NA | NA | NA | NA |
| 6/21/2019 | 11.7 | 1.19 | 9.3 | 12.8 | 170.5 | 86.5 | NA | NA | NA | NA | NA | NA |
| 6/22/2019 | 11.3 | 0.70 | 10.1 | 12.4 | 181.8 | 93.8 | NA | NA | NA | NA | NA | NA |
| 6/23/2019 | 12.2 | 0.10 | 12.1 | 12.5 | 194.0 | 102.0 | NA | NA | NA | NA | NA | NA |
| 6/24/2019 | 12.5 | 0.13 | 12.3 | 12.8 | 206.5 | 110.5 | NA | NA | NA | NA | NA | NA |
| 6/25/2019 | 12.7 | 0.11 | 12.6 | 13.0 | 219.3 | 119.3 | NA | NA | NA | NA | NA | NA |
| 6/26/2019 | 13.2 | 0.20 | 12.8 | 13.4 | 232.4 | 128.4 | NA | NA | NA | NA | NA | NA |
| 6/27/2019 | 13.2 | 0.16 | 13.0 | 13.4 | 245.6 | 137.6 | NA | NA | NA | NA | NA | NA |
| 6/28/2019 | 12.3 | 1.41 | 10.1 | 13.7 | 257.9 | 145.9 | NA | NA | NA | NA | NA | NA |
| 6/29/2019 | 10.5 | 2.50 | 6.7 | 13.7 | 268.4 | 152.4 | NA | NA | NA | NA | NA | NA |
| 6/30/2019 | 8.8 | 2.29 | 6.0 | 12.4 | 277.3 | 157.3 | NA | NA | NA | NA | NA | NA |

July

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 7/1/2019 | 9.3 | 1.76 | 7.4 | 12.7 | 9.3 | 5.3 | NA | NA | NA | NA | NA | NA |
| 7/2/2019 | 11.1 | 1.39 | 9.1 | 12.7 | 20.3 | 12.3 | NA | NA | NA | NA | NA | NA |
| 7/3/2019 | 12.4 | 0.71 | 11.3 | 13.3 | 32.7 | 20.7 | NA | NA | NA | NA | NA | NA |
| 7/4/2019 | 13.0 | 0.35 | 12.4 | 13.6 | 45.8 | 29.8 | NA | NA | NA | NA | NA | NA |
| 7/5/2019 | 13.1 | 0.95 | 10.2 | 13.8 | 58.8 | 38.8 | NA | NA | NA | NA | NA | NA |
| 7/6/2019 | 12.7 | 1.76 | 8.9 | 14.0 | 71.5 | 47.5 | NA | NA | NA | NA | NA | NA |
| 7/7/2019 | 11.8 | 1.71 | 9.0 | 14.4 | 83.3 | 55.3 | NA | NA | NA | NA | NA | NA |
| 7/8/2019 | 11.6 | 1.60 | 9.2 | 13.6 | 94.9 | 62.9 | NA | NA | NA | NA | NA | NA |
| 7/9/2019 | 11.6 | 1.50 | 9.4 | 13.6 | 106.5 | 70.5 | NA | NA | NA | NA | NA | NA |
| 7/10/2019 | 12.0 | 1.52 | 9.7 | 14.4 | 118.5 | 78.5 | NA | NA | NA | NA | NA | NA |
| 7/11/2019 | 12.8 | 1.53 | 10.1 | 14.5 | 131.3 | 87.3 | NA | NA | NA | NA | NA | NA |
| 7/12/2019 | 12.6 | 1.42 | 9.9 | 14.3 | 143.9 | 95.9 | NA | NA | NA | NA | NA | NA |
| 7/13/2019 | 12.2 | 2.11 | 8.5 | 16.3 | 156.1 | 104.1 | NA | NA | NA | NA | NA | NA |
| 7/14/2019 | 10.6 | 2.80 | 6.8 | 15.6 | 166.7 | 110.7 | NA | NA | NA | NA | NA | NA |
| 7/15/2019 | 8.8 | 2.25 | 5.7 | 13.5 | 175.5 | 115.5 | NA | NA | NA | NA | NA | NA |
| 7/16/2019 | 8.5 | 1.86 | 6.4 | 11.4 | 184.0 | 120.0 | NA | NA | NA | NA | NA | NA |
| 7/17/2019 | 9.2 | 1.94 | 7.1 | 12.9 | 193.1 | 125.1 | NA | NA | NA | NA | NA | NA |
| 7/18/2019 | 10.1 | 1.62 | 8.2 | 12.7 | 203.2 | 131.2 | NA | NA | NA | NA | NA | NA |
| 7/19/2019 | 10.4 | 1.51 | 8.5 | 12.9 | 213.6 | 137.6 | NA | NA | NA | NA | NA | NA |
| 7/20/2019 | 10.8 | 1.53 | 8.7 | 13.7 | 224.4 | 144.4 | NA | NA | NA | NA | NA | NA |
| 7/21/2019 | 11.1 | 1.15 | 9.2 | 12.7 | 235.5 | 151.5 | NA | NA | NA | NA | NA | NA |
| 7/22/2019 | 11.3 | 1.07 | 9.3 | 12.3 | 246.8 | 158.8 | NA | NA | NA | NA | NA | NA |
| 7/23/2019 | 10.9 | 0.88 | 9.1 | 11.9 | 257.6 | 165.6 | NA | NA | NA | NA | NA | NA |
| 7/24/2019 | 11.5 | 0.88 | 10.3 | 13.1 | 269.1 | 173.1 | NA | NA | NA | NA | NA | NA |
| 7/25/2019 | 10.9 | 0.90 | 9.4 | 12.1 | 280.0 | 180.0 | NA | NA | NA | NA | NA | NA |
| 7/26/2019 | 10.3 | 0.96 | 8.9 | 11.9 | 290.3 | 186.3 | NA | NA | NA | NA | NA | NA |
| 7/27/2019 | 10.3 | 1.13 | 8.7 | 12.1 | 300.6 | 192.6 | NA | NA | NA | NA | NA | NA |
| 7/28/2019 | 10.1 | 1.31 | 8.5 | 12.2 | 310.7 | 198.7 | NA | NA | NA | NA | NA | NA |
| 7/29/2019 | 9.7 | 1.21 | 8.2 | 11.7 | 320.5 | 204.5 | NA | NA | NA | NA | NA | NA |
| 7/30/2019 | 9.9 | 1.38 | 8.2 | 12.1 | 330.3 | 210.3 | NA | NA | NA | NA | NA | NA |
| 7/31/2019 | 10.2 | 1.53 | 8.2 | 12.8 | 340.5 | 216.5 | NA | NA | NA | NA | NA | NA |

August

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 8/1/2019 | 11.4 | 1.93 | 8.7 | 15.1 | 11.4 | 7.4 | NA | NA | NA | NA | NA | NA |
| 8/2/2019 | 12.2 | 1.73 | 9.7 | 15.0 | 23.6 | 15.6 | NA | NA | NA | NA | NA | NA |
| 8/3/2019 | 12.4 | 1.60 | 9.6 | 14.6 | 36.0 | 24.0 | NA | NA | NA | NA | NA | NA |
| 8/4/2019 | 13.4 | 1.64 | 10.4 | 15.8 | 49.4 | 33.4 | NA | NA | NA | NA | NA | NA |
| 8/5/2019 | 14.2 | 1.38 | 11.3 | 15.6 | 63.6 | 43.6 | NA | NA | NA | NA | NA | NA |
| 8/6/2019 | 14.6 | 1.02 | 12.9 | 16.2 | 78.2 | 54.2 | NA | NA | NA | NA | NA | NA |
| 8/7/2019 | 15.2 | 0.75 | 13.3 | 16.0 | 93.4 | 65.4 | NA | NA | NA | NA | NA | NA |
| 8/8/2019 | 15.2 | 1.40 | 12.5 | 17.7 | 108.6 | 76.6 | NA | NA | NA | NA | NA | NA |
| 8/9/2019 | 13.1 | 1.88 | 10.4 | 16.3 | 121.7 | 85.7 | NA | NA | NA | NA | NA | NA |
| 8/10/2019 | 11.0 | 1.60 | 8.9 | 13.3 | 132.7 | 92.7 | NA | NA | NA | NA | NA | NA |
| 8/11/2019 | 9.5 | 1.98 | 6.7 | 12.5 | 142.2 | 98.2 | NA | NA | NA | NA | NA | NA |
| 8/12/2019 | 8.0 | 1.74 | 5.9 | 10.9 | 150.2 | 102.2 | NA | NA | NA | NA | NA | NA |
| 8/13/2019 | 7.9 | 1.64 | 5.9 | 10.5 | 158.1 | 106.1 | NA | NA | NA | NA | NA | NA |
| 8/14/2019 | 9.0 | 1.40 | 7.3 | 11.4 | 167.1 | 111.1 | NA | NA | NA | NA | NA | NA |
| 8/15/2019 | 10.4 | 1.41 | 8.5 | 12.4 | 177.5 | 117.5 | NA | NA | NA | NA | NA | NA |
| 8/16/2019 | 11.7 | 1.31 | 9.5 | 13.5 | 189.1 | 125.1 | NA | NA | NA | NA | NA | NA |
| 8/17/2019 | 12.2 | 0.98 | 10.1 | 13.6 | 201.4 | 133.4 | NA | NA | NA | NA | NA | NA |
| 8/18/2019 | 12.2 | 1.06 | 10.2 | 13.7 | 213.6 | 141.6 | NA | NA | NA | NA | NA | NA |
| 8/19/2019 | 12.0 | 1.04 | 10.1 | 13.1 | 225.6 | 149.6 | NA | NA | NA | NA | NA | NA |
| 8/20/2019 | 11.4 | 0.99 | 9.4 | 12.6 | 237.0 | 157.0 | NA | NA | NA | NA | NA | NA |
| 8/21/2019 | 11.2 | 1.08 | 9.8 | 12.6 | 248.2 | 164.2 | NA | NA | NA | NA | NA | NA |
| 8/22/2019 | 10.7 | 1.07 | 9.4 | 12.6 | 258.9 | 170.9 | NA | NA | NA | NA | NA | NA |
| 8/23/2019 | 10.5 | 1.05 | 8.7 | 11.8 | 269.4 | 177.4 | NA | NA | NA | NA | NA | NA |
| 8/24/2019 | 9.7 | 0.61 | 8.6 | 10.5 | 279.1 | 183.1 | NA | NA | NA | NA | NA | NA |
| 8/25/2019 | 11.0 | 1.22 | 9.3 | 12.8 | 290.1 | 190.1 | NA | NA | NA | NA | NA | NA |
| 8/26/2019 | 12.9 | 0.74 | 11.4 | 14.2 | 303.0 | 199.0 | NA | NA | NA | NA | NA | NA |
| 8/27/2019 | 13.6 | 0.74 | 12.3 | 14.6 | 316.6 | 208.6 | NA | NA | NA | NA | NA | NA |
| 8/28/2019 | 14.3 | 1.09 | 12.2 | 15.7 | 330.9 | 218.9 | NA | NA | NA | NA | NA | NA |
| 8/29/2019 | 14.8 | 1.66 | 12.4 | 17.2 | 345.6 | 229.6 | NA | NA | NA | NA | NA | NA |
| 8/30/2019 | 14.6 | 1.88 | 11.1 | 16.9 | 360.3 | 240.3 | NA | NA | NA | NA | NA | NA |
| 8/31/2019 | 14.8 | 2.15 | 11.0 | 17.5 | 375.1 | 251.1 | NA | NA | NA | NA | NA | NA |

September

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/1/2019 | 15.7 | 1.32 | 12.6 | 17.2 | 15.7 | 11.7 | NA | NA | NA | NA | NA | NA |
| 9/2/2019 | 15.8 | 1.23 | 13.7 | 17.2 | 31.5 | 23.5 | NA | NA | NA | NA | NA | NA |
| 9/3/2019 | 15.6 | 1.39 | 12.9 | 17.2 | 47.1 | 35.1 | NA | NA | NA | NA | NA | NA |
| 9/4/2019 | 15.6 | 1.15 | 13.4 | 17.6 | 62.7 | 46.7 | NA | NA | NA | NA | NA | NA |
| 9/5/2019 | 13.4 | 1.64 | 11.1 | 15.7 | 76.1 | 56.1 | NA | NA | NA | NA | NA | NA |
| 9/6/2019 | 12.2 | 2.03 | 8.9 | 15.4 | 88.4 | 64.4 | NA | NA | NA | NA | NA | NA |
| 9/7/2019 | 11.7 | 1.79 | 9.2 | 14.7 | 100.1 | 72.1 | NA | NA | NA | NA | NA | NA |
| 9/8/2019 | 13.3 | 0.38 | 12.7 | 14.2 | 113.4 | 81.4 | NA | NA | NA | NA | NA | NA |
| 9/9/2019 | 13.8 | 0.23 | 13.3 | 14.1 | 127.1 | 91.1 | NA | NA | NA | NA | NA | NA |
| 9/10/2019 | 14.0 | 0.22 | 13.6 | 14.4 | 141.1 | 101.1 | NA | NA | NA | NA | NA | NA |
| 9/11/2019 | 14.1 | 0.13 | 13.9 | 14.3 | 155.2 | 111.2 | NA | NA | NA | NA | NA | NA |
| 9/12/2019 | 14.2 | 0.11 | 14.0 | 14.4 | 169.4 | 121.4 | NA | NA | NA | NA | NA | NA |
| 9/13/2019 | 14.2 | 0.04 | 14.2 | 14.3 | 183.7 | 131.7 | NA | NA | NA | NA | NA | NA |
| 9/14/2019 | 14.3 | 0.04 | 14.2 | 14.3 | 197.9 | 141.9 | NA | NA | NA | NA | NA | NA |
| 9/15/2019 | 14.3 | 0.07 | 14.2 | 14.4 | 212.2 | 152.2 | NA | NA | NA | NA | NA | NA |
| 9/16/2019 | 14.4 | 0.05 | 14.4 | 14.5 | 226.7 | 162.7 | NA | NA | NA | NA | NA | NA |
| 9/17/2019 | 14.4 | 0.08 | 14.2 | 14.5 | 241.1 | 173.1 | NA | NA | NA | NA | NA | NA |
| 9/18/2019 | 14.2 | 0.04 | 14.2 | 14.3 | 255.3 | 183.3 | NA | NA | NA | NA | NA | NA |
| 9/19/2019 | 14.2 | 0.03 | 14.1 | 14.2 | 269.5 | 193.5 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 9/20/2019 | 14.2 | 0.04 | 14.2 | 14.3 | 283.8 | 203.8 | NA | NA | NA | NA | NA | NA |
| 9/21/2019 | 14.4 | 0.03 | 14.3 | 14.4 | 298.1 | 214.1 | NA | NA | NA | NA | NA | NA |
| 9/22/2019 | 14.5 | 0.04 | 14.4 | 14.5 | 312.6 | 224.6 | NA | NA | NA | NA | NA | NA |
| 9/23/2019 | 14.7 | 0.09 | 14.6 | 14.9 | 327.3 | 235.3 | NA | NA | NA | NA | NA | NA |
| 9/24/2019 | 14.1 | 0.76 | 13.0 | 14.8 | 341.4 | 245.4 | NA | NA | NA | NA | NA | NA |
| 9/25/2019 | 13.2 | 1.19 | 11.2 | 14.6 | 354.6 | 254.6 | NA | NA | NA | NA | NA | NA |
| 9/26/2019 | 13.1 | 0.96 | 11.6 | 14.3 | 367.8 | 263.8 | NA | NA | NA | NA | NA | NA |
| 9/27/2019 | 14.3 | 0.19 | 13.9 | 14.6 | 382.1 | 274.1 | NA | NA | NA | NA | NA | NA |
| 9/28/2019 | 14.5 | 0.05 | 14.4 | 14.5 | 396.5 | 284.5 | NA | NA | NA | NA | NA | NA |
| 9/29/2019 | 14.5 | 0.04 | 14.4 | 14.5 | 411.0 | 295.0 | NA | NA | NA | NA | NA | NA |
| 9/30/2019 | 14.3 | 0.06 | 14.2 | 14.3 | 425.2 | 305.2 | NA | NA | NA | NA | NA | NA |

October

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 10/1/2019 | 14.1 | 0.05 | 14.0 | 14.2 | 14.1 | 10.1 | NA | NA | NA | NA | NA | NA |
| 10/2/2019 | 13.9 | 0.08 | 13.8 | 14.1 | 28.0 | 20.0 | NA | NA | NA | NA | NA | NA |
| 10/3/2019 | 13.7 | 0.06 | 13.6 | 13.8 | 41.7 | 29.7 | NA | NA | NA | NA | NA | NA |
| 10/4/2019 | 13.5 | 0.09 | 13.4 | 13.7 | 55.2 | 39.2 | NA | NA | NA | NA | NA | NA |
| 10/5/2019 | 13.3 | 0.10 | 13.1 | 13.4 | 68.5 | 48.5 | NA | NA | NA | NA | NA | NA |
| 10/6/2019 | 13.1 | 0.05 | 13.0 | 13.2 | 81.6 | 57.6 | NA | NA | NA | NA | NA | NA |
| 10/7/2019 | 13.1 | 0.05 | 13.0 | 13.2 | 94.7 | 66.7 | NA | NA | NA | NA | NA | NA |
| 10/8/2019 | 13.1 | 0.07 | 12.9 | 13.1 | 107.8 | 75.8 | NA | NA | NA | NA | NA | NA |
| 10/9/2019 | 13.1 | 0.05 | 13.0 | 13.2 | 120.9 | 84.9 | NA | NA | NA | NA | NA | NA |
| 10/10/2019 | 13.0 | 0.08 | 12.9 | 13.2 | 133.9 | 93.9 | NA | NA | NA | NA | NA | NA |
| 10/11/2019 | 13.0 | 0.07 | 12.9 | 13.1 | 146.8 | 102.8 | NA | NA | NA | NA | NA | NA |
| 10/12/2019 | 12.9 | 0.05 | 12.8 | 13.0 | 159.7 | 111.7 | NA | NA | NA | NA | NA | NA |
| 10/13/2019 | 12.8 | 0.02 | 12.8 | 12.8 | 172.5 | 120.5 | NA | NA | NA | NA | NA | NA |
| 10/14/2019 | 12.8 | 0.02 | 12.7 | 12.8 | 185.3 | 129.3 | NA | NA | NA | NA | NA | NA |
| 10/15/2019 | 12.7 | 0.03 | 12.7 | 12.8 | 198.1 | 138.1 | NA | NA | NA | NA | NA | NA |
| 10/16/2019 | 12.6 | 0.06 | 12.6 | 12.7 | 210.7 | 146.7 | NA | NA | NA | NA | NA | NA |
| 10/17/2019 | 12.5 | 0.09 | 12.4 | 12.7 | 223.2 | 155.2 | NA | NA | NA | NA | NA | NA |
| 10/18/2019 | 12.3 | 0.13 | 12.0 | 12.5 | 235.6 | 163.6 | NA | NA | NA | NA | NA | NA |
| 10/19/2019 | 12.1 | 0.31 | 11.3 | 12.4 | 247.7 | 171.7 | NA | NA | NA | NA | NA | NA |
| 10/20/2019 | 11.7 | 0.37 | 11.0 | 12.1 | 259.3 | 179.3 | NA | NA | NA | NA | NA | NA |
| 10/21/2019 | 11.7 | 0.33 | 11.1 | 12.1 | 271.1 | 187.1 | NA | NA | NA | NA | NA | NA |
| 10/22/2019 | 11.8 | 0.17 | 11.4 | 12.0 | 282.9 | 194.9 | NA | NA | NA | NA | NA | NA |
| 10/23/2019 | 11.8 | 0.09 | 11.7 | 12.0 | 294.7 | 202.7 | NA | NA | NA | NA | NA | NA |
| 10/24/2019 | 11.7 | 0.11 | 11.6 | 11.9 | 306.4 | 210.4 | NA | NA | NA | NA | NA | NA |
| 10/25/2019 | 11.5 | 0.22 | 11.1 | 11.7 | 317.9 | 217.9 | NA | NA | NA | NA | NA | NA |
| 10/26/2019 | 11.3 | 0.24 | 10.9 | 11.6 | 329.2 | 225.2 | NA | NA | NA | NA | NA | NA |
| 10/27/2019 | 11.1 | 0.15 | 11.0 | 11.3 | 340.3 | 232.3 | NA | NA | NA | NA | NA | NA |
| 10/28/2019 | 11.1 | 0.14 | 10.9 | 11.3 | 351.4 | 239.4 | NA | NA | NA | NA | NA | NA |
| 10/29/2019 | 11.0 | 0.09 | 10.9 | 11.2 | 362.5 | 246.5 | NA | NA | NA | NA | NA | NA |
| 10/30/2019 | 11.0 | 0.08 | 10.8 | 11.1 | 373.5 | 253.5 | NA | NA | NA | NA | NA | NA |
| 10/31/2019 | 11.0 | 0.06 | 10.9 | 11.1 | 384.5 | 260.5 | NA | NA | NA | NA | NA | NA |

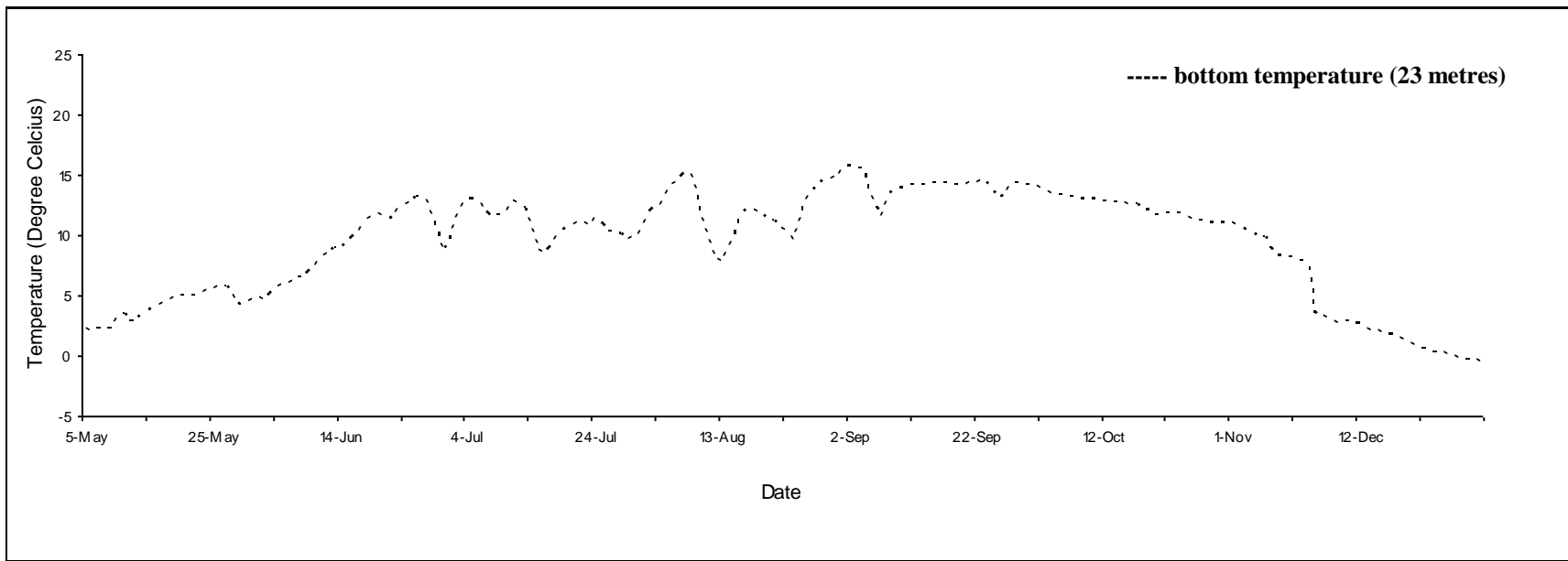
November

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|-----------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 11/1/2019 | 11.1 | 0.14 | 10.9 | 11.3 | 11.1 | 7.1 | NA | NA | NA | NA | NA | NA |
| 11/2/2019 | 10.7 | 0.25 | 10.1 | 11.0 | 21.8 | 13.8 | NA | NA | NA | NA | NA | NA |

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 11/3/2019 | 10.5 | 0.17 | 10.3 | 10.8 | 32.3 | 20.3 | NA | NA | NA | NA | NA | NA |
| 11/4/2019 | 10.3 | 0.26 | 9.8 | 10.6 | 42.6 | 26.6 | NA | NA | NA | NA | NA | NA |
| 11/5/2019 | 9.9 | 0.37 | 9.1 | 10.4 | 52.5 | 32.5 | NA | NA | NA | NA | NA | NA |
| 11/6/2019 | 9.8 | 0.41 | 9.1 | 10.3 | 62.2 | 38.2 | NA | NA | NA | NA | NA | NA |
| 11/7/2019 | 9.0 | 0.27 | 8.6 | 9.3 | 71.3 | 43.3 | NA | NA | NA | NA | NA | NA |
| 11/8/2019 | 8.4 | 0.43 | 7.5 | 8.8 | 79.6 | 47.6 | NA | NA | NA | NA | NA | NA |
| 11/9/2019 | 8.4 | 0.19 | 8.1 | 8.7 | 88.0 | 52.0 | NA | NA | NA | NA | NA | NA |
| 11/10/2019 | 8.1 | 0.07 | 8.1 | 8.3 | 96.2 | 56.2 | NA | NA | NA | NA | NA | NA |
| 11/11/2019 | 8.0 | 0.12 | 7.7 | 8.2 | 104.2 | 60.2 | NA | NA | NA | NA | NA | NA |
| 11/12/2019 | 7.8 | 0.12 | 7.6 | 8.0 | 112.0 | 64.0 | NA | NA | NA | NA | NA | NA |
| 11/13/2019 | 7.6 | 0.09 | 7.5 | 7.8 | 119.6 | 67.6 | NA | NA | NA | NA | NA | NA |

December

| Date | Daily mean bottom temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. | Daily mean surface temperature | Standard deviation | Daily minimum | Daily maximum | Accumulated degree days relative to 0 deg. | Accumulated degree days relative to 4 deg. |
|------------|-------------------------------|--------------------|---------------|---------------|--|--|--------------------------------|--------------------|---------------|---------------|--|--|
| 12/5/2019 | 3.6 | 0.07 | 3.5 | 3.7 | 3.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/6/2019 | 3.3 | 0.11 | 3.1 | 3.5 | 6.9 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/7/2019 | 3.1 | 0.05 | 3.0 | 3.3 | 10.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/8/2019 | 2.9 | 0.20 | 2.6 | 3.2 | 13.0 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/9/2019 | 2.8 | 0.12 | 2.6 | 3.0 | 15.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/10/2019 | 2.9 | 0.12 | 2.7 | 3.1 | 18.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/11/2019 | 2.9 | 0.07 | 2.7 | 3.0 | 21.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/12/2019 | 2.7 | 0.07 | 2.6 | 2.8 | 24.2 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/13/2019 | 2.4 | 0.08 | 2.3 | 2.5 | 26.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/14/2019 | 2.2 | 0.04 | 2.1 | 2.2 | 28.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/15/2019 | 2.2 | 0.12 | 1.9 | 2.3 | 30.9 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/16/2019 | 2.0 | 0.13 | 1.8 | 2.3 | 32.9 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/17/2019 | 1.8 | 0.11 | 1.7 | 2.0 | 34.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/18/2019 | 1.6 | 0.04 | 1.5 | 1.7 | 36.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/19/2019 | 1.4 | 0.08 | 1.3 | 1.5 | 37.7 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/20/2019 | 1.0 | 0.09 | 0.9 | 1.2 | 38.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/21/2019 | 0.8 | 0.09 | 0.7 | 1.0 | 39.6 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/22/2019 | 0.7 | 0.09 | 0.5 | 0.8 | 40.3 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/23/2019 | 0.5 | 0.11 | 0.3 | 0.7 | 40.8 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/24/2019 | 0.4 | 0.11 | 0.2 | 0.6 | 41.1 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/25/2019 | 0.3 | 0.07 | 0.1 | 0.4 | 41.4 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/26/2019 | 0.1 | 0.06 | 0.0 | 0.3 | 41.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/27/2019 | 0.0 | 0.05 | -0.1 | 0.1 | 41.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/28/2019 | -0.2 | 0.06 | -0.3 | -0.1 | 41.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/29/2019 | -0.3 | 0.04 | -0.4 | -0.2 | 41.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/30/2019 | -0.4 | 0.06 | -0.4 | -0.3 | 41.5 | 0.0 | NA | NA | NA | NA | NA | NA |
| 12/31/2019 | -0.4 | 0.05 | -0.5 | -0.3 | 41.5 | 0.0 | NA | NA | NA | NA | NA | NA |



Daily mean temperature for West Point, P.E.I., 2019.