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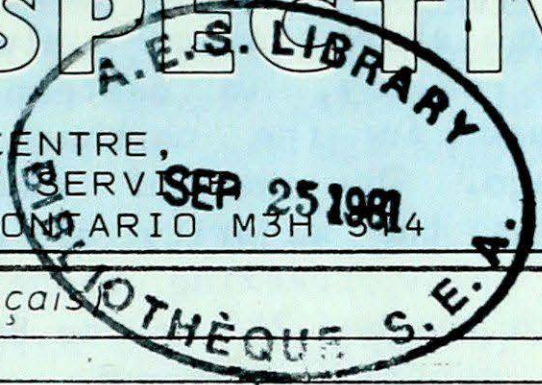
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# A WEEKLY REVIEW OF CANADIAN CLIMATE

# CLIMATIC PERSPECTIVES

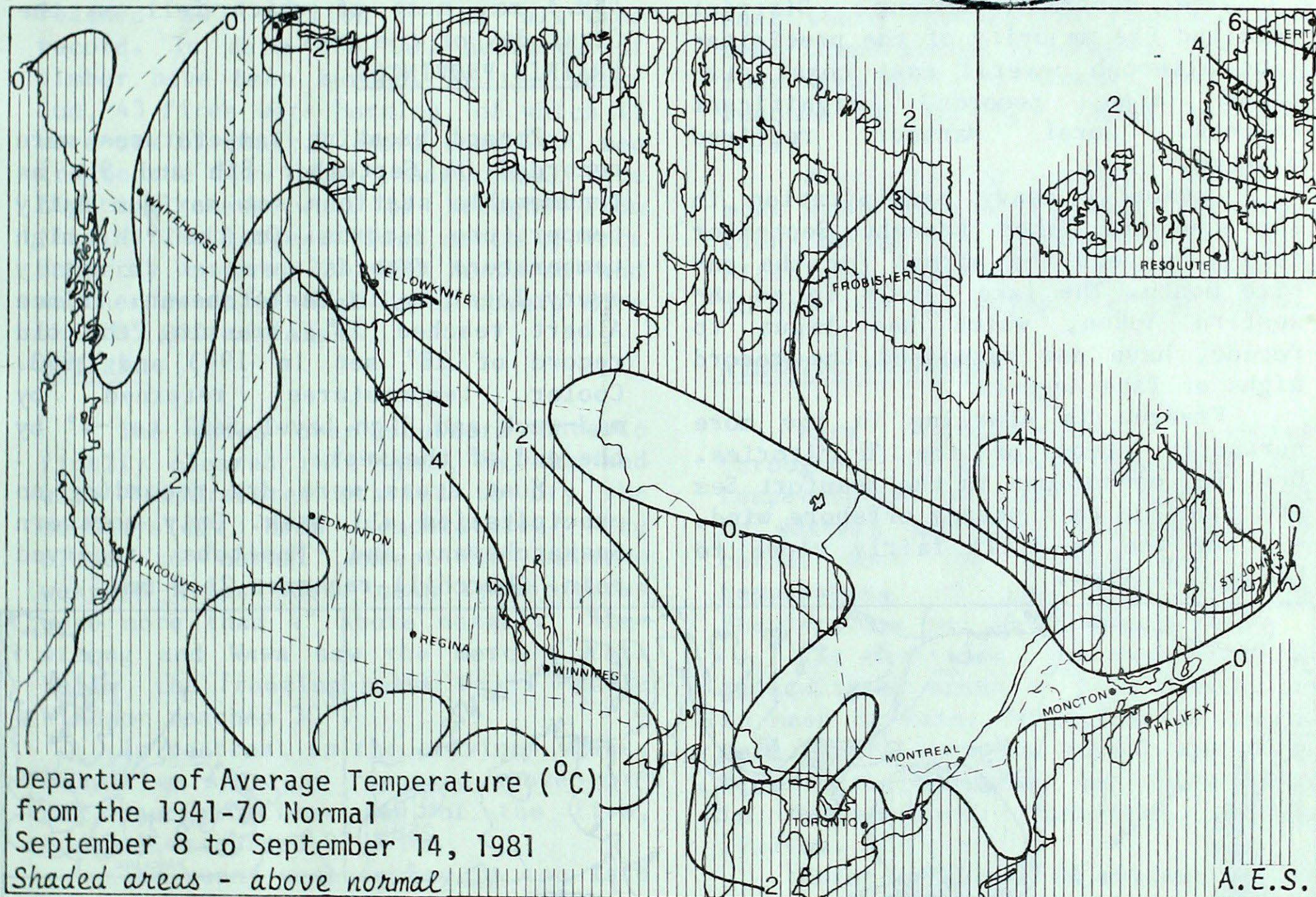
THE CANADIAN CLIMATE CENTRE,  
ATMOSPHERIC ENVIRONMENT SERVICE  
4905 DUFFERIN ST., DOWNSVIEW, ONTARIO M3H 5T4



SEPTEMBER 18, 1981

(Aussi disponible en français)

VOL.3 NO.37



## WEATHER HIGHLIGHTS FOR THE PERIOD - SEPTEMBER 8 - 14, 1981

### Warm, dry conditions cause Alberta forest fire resurgence

The warm, dry weather which resulted in a resurgence of forest fire activity in Alberta the previous week continued into this week. The Alberta Forest service reports a record breaking year for forest fires. The cost of battling the blazes has reached \$30 million. To date over 800 000 hectares of timber have been burned. By the weekend, 43 fires were burning, 15 of which were out of control. More than

1800 men were on the fire line. Additional fire fighting crews were being brought from Alaska. The largest blaze north of Fort McMurray covered 227 000 hectares. Another fire north of High Level covered more than 65 000 hectares.

Temperatures varied from  $35^{\circ}$  at Lytton, British Columbia to  $-9^{\circ}$  at Alert, Northwest Territories. Prince Rupert recorded 159.3 mm of rain.

**NOTE:** The data shown in this publication are based on unverified reports from approximately 225 Canadian and 115 northern United States Synoptic stations.



YUKON AND THE NORTHWEST TERRITORIES

Mean temperatures were close to normal over most of the Territories, but were above normal along the Mackenzie Valley, in eastern Baffin Island and in the northern Arctic Archipelago. The end of summer was evident as the majority of stations recorded below freezing temperatures. Fort Smith reached 28° on the 8th.

The central Mackenzie District received the majority of the precipitation although several east coast stations also recorded significant amounts. Coral Harbour received 37.6 mm.

Unusually heavy precipitation in the southern Yukon brought September totals to near the normal for the entire month. The lake levels in southwestern Yukon, which had begun to recede, have now surpassed the record highs of late August.

Freezup is starting in the more northerly areas of the Territories. Drilling operations in the Beaufort Sea are good due to a steady offshore wind, but the ice is still fairly close to the drill sites.

BRITISH COLUMBIA

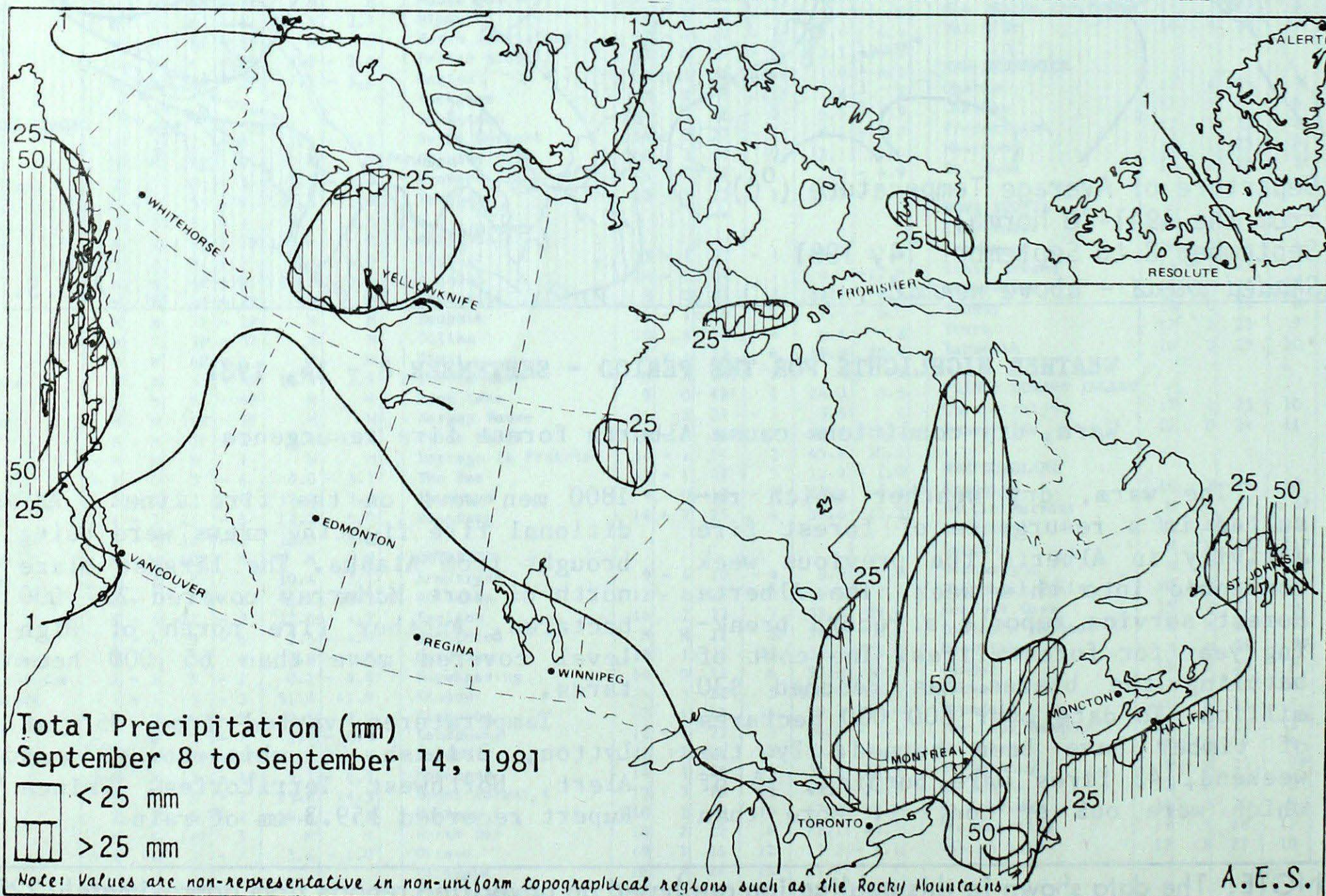
With the exception of the northern coast, the province enjoyed sunny and warm weather. Mean temperatures exceeded 5° above normal in extreme southeastern areas. The mercury rose to 35° at Lytton on September 8th.

Only the northern coast received significant rainfall. Amounts were much above normal. Prince Rupert recorded 159.3 mm, most of which fell on the first day of the week.

PRAIRIE PROVINCES

Record breaking temperatures were recorded on September 8th and 9th as innumerable stations set maximum daily temperature records. On the 9th, high temperature records were set in nearly every locality in Saskatchewan. Prince Albert reached 33°, breaking the old record of 28° set in 1943 and 1893. Cooler temperatures returned by mid-week and High Level fell to -4° by the end of the week.

Most areas were dry recording no precipitation all week. Only northern Saskatchewan and Manitoba received rain. Churchill recorded 26.9 mm.





The warm, dry conditions which resulted in a resurgence of the forest fire activity in Alberta during the previous week continued well into this week. The extent of already existing fires was hidden by extensive smoke cover. The magnitude of the damage has become evident and the Alberta Forest Service now reports a record breaking year for forest fires in the province. The cost of battling the blazes has reached \$30 million - an all-time record. To date 800 000 hectares of timber have been burned. By the weekend, 43 fires were burning, of which 15 were out of control. More than 1800 men are on the fire line. Additional fire fighting crews will be brought from Alaska. The largest blaze north of Fort McMurray covers 227 000 hectares and another north of High Level covers more than 65 000 hectares.

#### ONTARIO

The skies over southern Ontario finally cleared this week, as sun and warm temperatures started to dry the countryside. Mean temperatures were close to normal except in extreme western areas where mean temperatures were more than 4° above normal. Armstrong and Wawa saw the mercury fall below the freezing point to -1° while Windsor reached 30°.

In contrast to the previous weeks, only five stations reported above normal precipitation. One of the five, Sudbury, recorded 97.5 mm.

The sunny weather may be too late to salvage the potato crop in many areas after two weeks of rain. The apple crop though, continues to look favourable as the rain improved the fruit size. One of the earliest pear harvests in the important Niagara Peninsula has been completed with yields down 30% from 1980.

Two confirmed tornadoes were reported on September 10th, the first on Howe Island just east of Kingston and the second near Shannonville, 10 km east of Belleville. Two other sightings are under investigation. In all cases there were no personal injuries.

#### QUÉBEC

With the exception of the northeast where the weather remained cool, mean temperatures throughout the province were close to normal. The mercury reached 26° at Fort Chimo and Mont-Joli.

Precipitation exceeded normal in most areas of the province, the exception being the northwest and east. Nitchiquon recorded 103.6 mm, exceeding in one week the normal for the month.

#### ATLANTIC PROVINCES

Warm temperatures prevailed throughout the Atlantic Provinces. Mean temperatures exceeded 4° above normal in western Labrador. Newfoundland recorded both the highest and lowest temperature of the week; 26° at Stephenville and 2° at Wabush Lake.

The Maritimes, and especially the agricultural areas of Nova Scotia, are in need of rain. Precipitation amounts were generally below normal again this week in the Maritimes but above normal in Newfoundland. Bonavista recorded 72.7 mm.

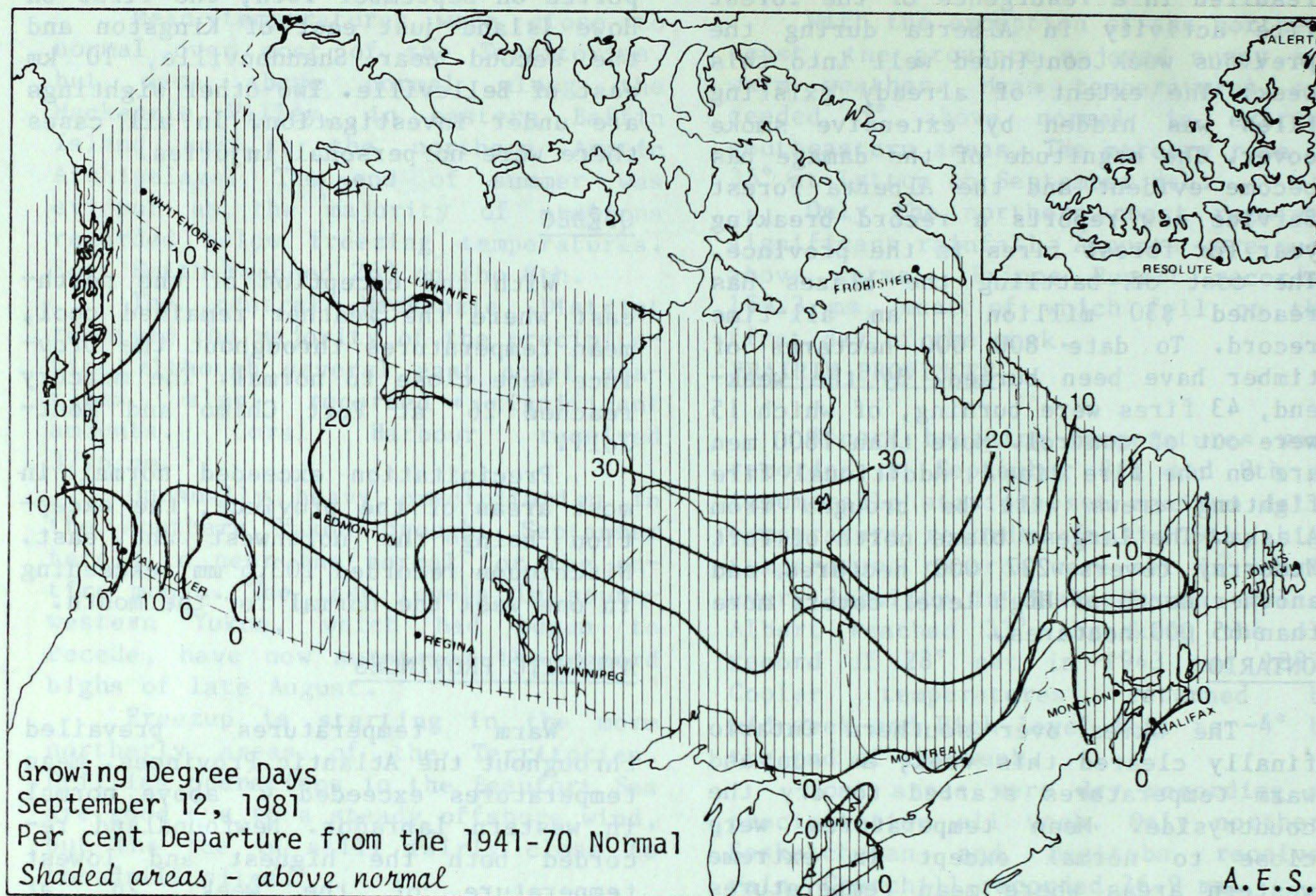
Moisture stress is evident in Nova Scotia and very hard ground is causing tillage problems for the winter planting. In contrast, Newfoundland is doing very well with no blight reported.

The apple harvest is under way in Nova Scotia. The crop is good but quality may be down due to spring frosts.





## GROWING DEGREE-DAY SUMMARY TO SEPTEMBER 12, 1981



| CITY          | MONTHLY CUMULATIVE TOTAL | MONTHLY DIFF. FROM 1941-70 NORMAL | SEASONAL TOTAL | SEASONAL DIFF. FROM 1941-70 NORMAL | SEASONAL PERCENT OF NORMAL |
|---------------|--------------------------|-----------------------------------|----------------|------------------------------------|----------------------------|
| Whitehorse*   | -                        | -                                 | 853.5          | 7.5                                | 101                        |
| Penticton     | 149.0                    | 13.0                              | 1808.0         | 3.0                                | 100                        |
| Vancouver     | 137.5                    | 11.5                              | 1683.5         | 100.5                              | 106                        |
| Edmonton      | 126.0                    | 49.0                              | 1592.0         | 392.0                              | 133                        |
| Calgary       | 121.0                    | 28.0                              | 1272.0         | 105.5                              | 109                        |
| Regina*       | -                        | -                                 | 1566.0         | 122.0                              | 108                        |
| Saskatoon     | 139.0                    | 34.0                              | 1655.0         | 229.0                              | 116                        |
| Winnipeg      | 132.0                    | 13.0                              | 1637.0         | 94.0                               | 106                        |
| Thunder Bay   | 104.5                    | 4.5                               | 1309.5         | 79.5                               | 106                        |
| Windsor       | 173.0                    | 0.0                               | 2142.5         | 81.5                               | 104                        |
| Toronto       | 165.5                    | 15.5                              | 1694.5         | -96.5                              | 95                         |
| Ottawa        | 144.0                    | 5.0                               | 1748.0         | 11.0                               | 101                        |
| Montreal      | 146.5                    | -5.5                              | 1749.5         | -48.5                              | 97                         |
| Quebec        | 136.0                    | 13.0                              | 1505.0         | 19.0                               | 101                        |
| Fredericton   | 122.5                    | 4.5                               | 1555.0         | 72.0                               | 105                        |
| Halifax       | 131.5                    | 4.5                               | 1338.0         | -5.0                               | 100                        |
| Charlottetown | 129.0                    | -2.0                              | 1410.5         | 93.5                               | 107                        |
| St John's     | 81.5                     | -18.5                             | 1016.5         | 80.5                               | 109                        |

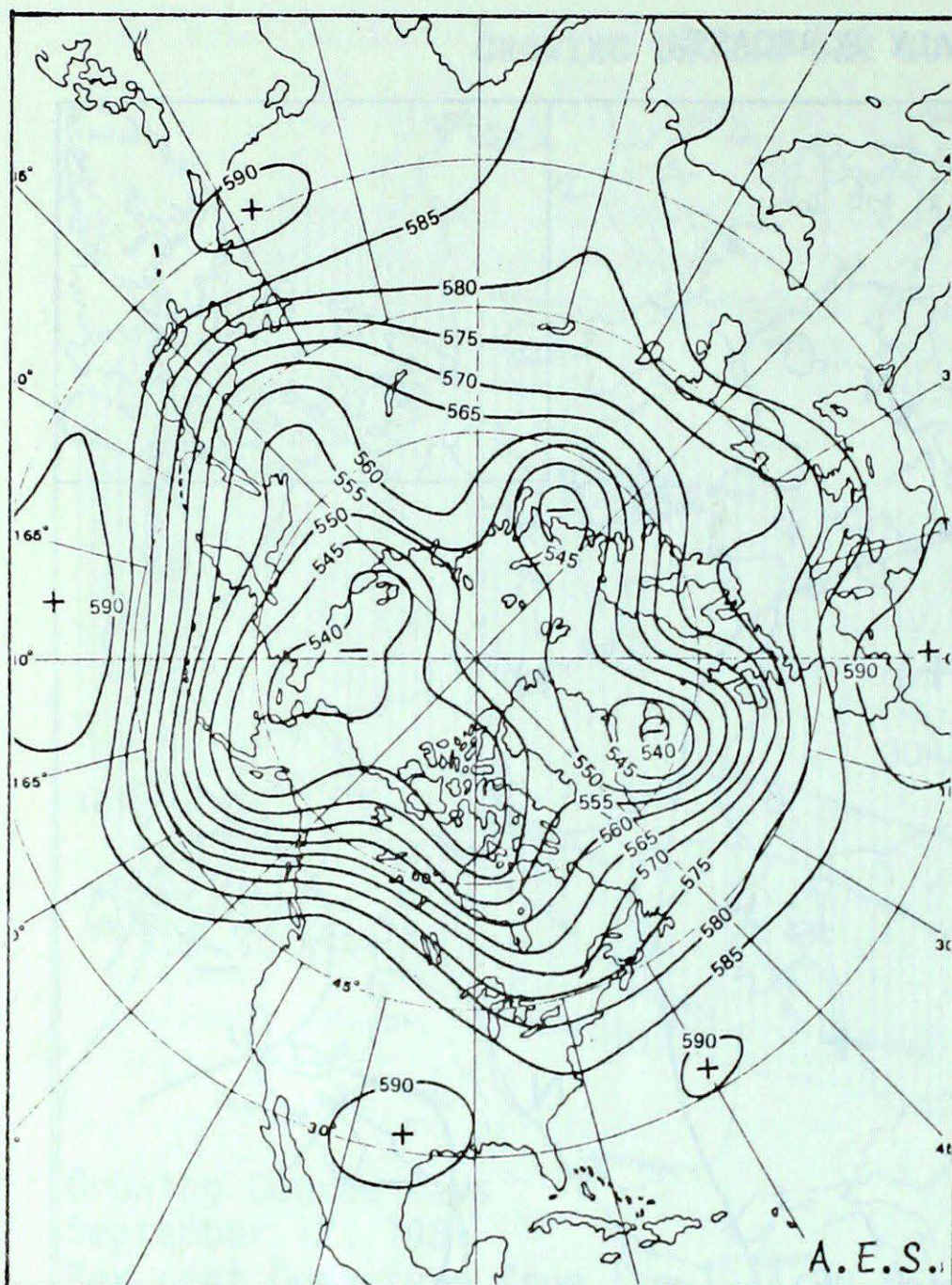
\* Season ended



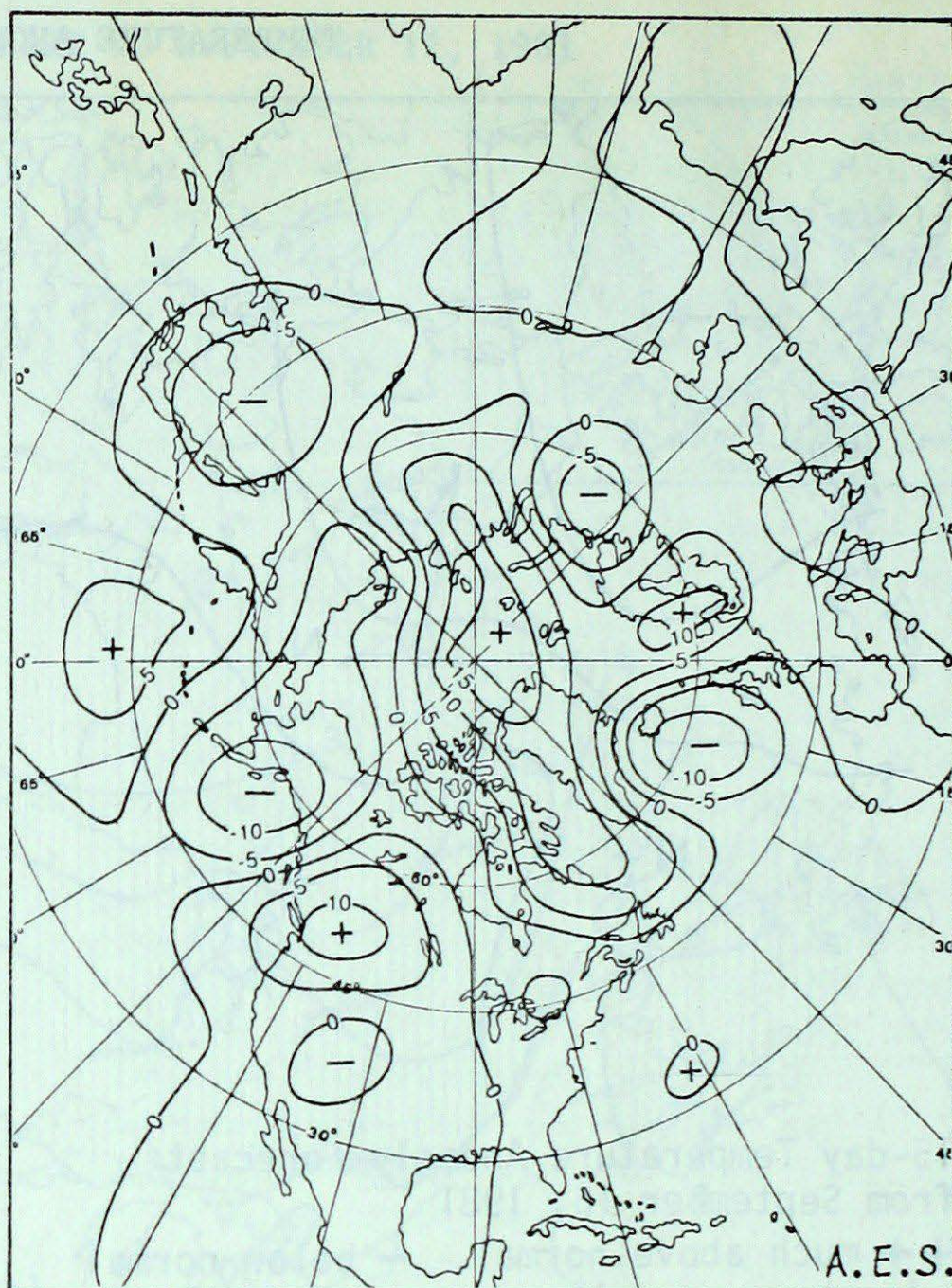




## Atmospheric Circulation



7-day Mean 50 kPa Height Map (in dam)  
September 7 to September 13, 1981



7-day Mean 50 kPa Height Anomaly (in 5 dam  
intervals) September 7 to September 13, 1981

The atmospheric circulation continued to undergo seasonal transition to a more winter-like pattern. The sun's solar energy is rapidly weakening in the northern hemisphere allowing the troposphere over the Arctic to cool rapidly and expand southwards. At the same time little temperature variation occurred in the tropics. These greater latitudinal temperature contrasts intensify both the atmospheric circulation and the development of cyclonic storms at the surface.

A mean upper ridge continued to be the predominant feature over western Canada effectively blocking Pacific storm systems or deflecting them Northeastward across the Yukon and Northwest Territories. As a result the western provinces enjoyed dry late summer weather. Numerous maximum temperature

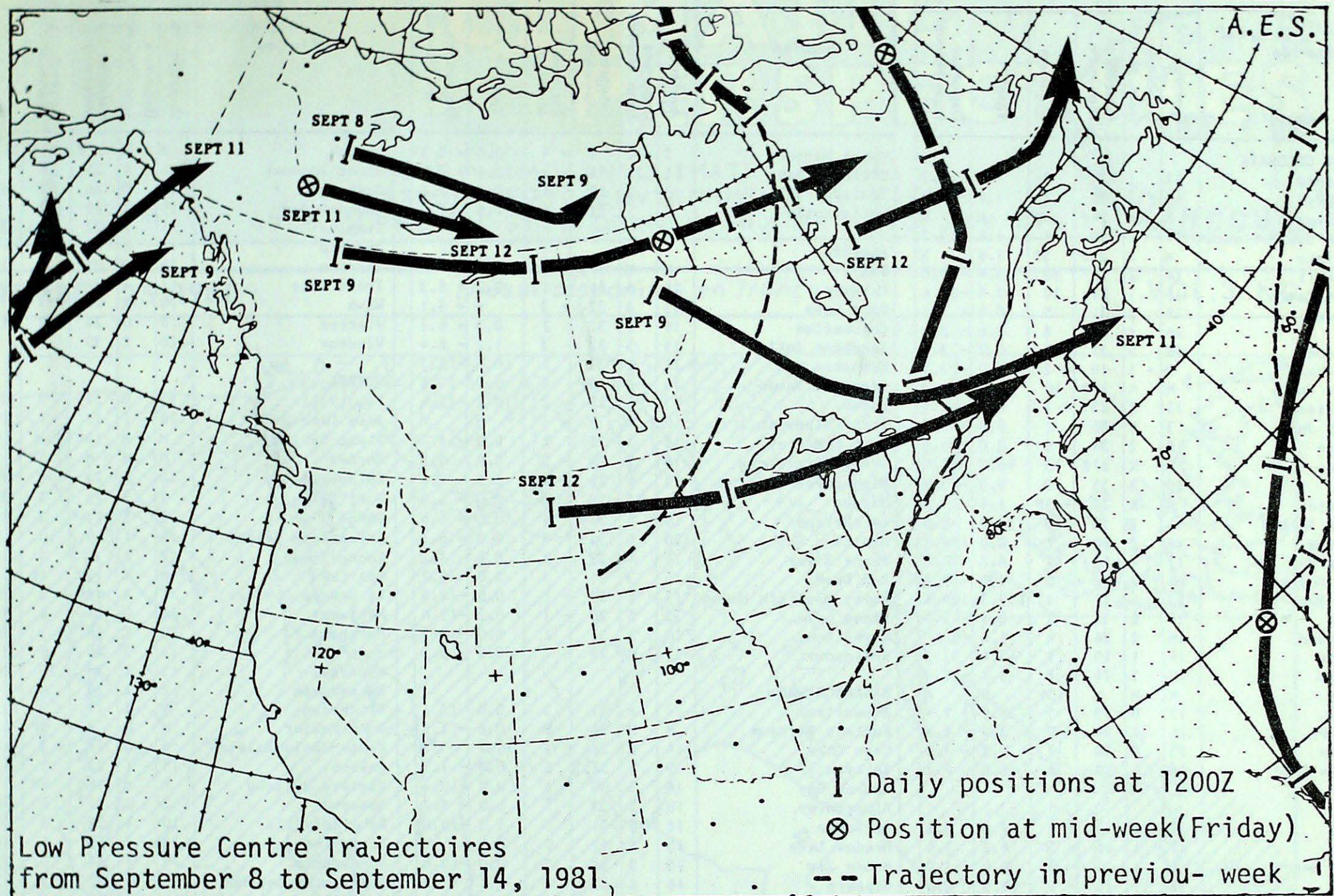
records were broken in the early part of the period, but as the upper flow shifted to a more northwesterly direction, temperatures became cooler.

A long awaited dry Pacific air-mass finally encompassed all of the Great Lakes Basin. This forced the humid unstable tropical air-mass to move southeastward. Quebec received the bulk of precipitation this week mainly from the slow moving cold frontal zone associated with the cool air which moved across the province early in the week.

The Atlantic provinces enjoyed seasonal late summer weather conditions. Tropical storm Emily tracked southeast of Nova Scotia and Newfoundland early in the week; increased cloud cover and strong northwest winds were the only ill effect.



## LOW PRESSURE CENTRE TRAJECTORIES



## CLIMATIC PERSPECTIVES

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TEMPERATURE AND PRECIPITATION DATA FOR THE WEEK ENDING 0600 G.M.T. SEPTEMBER 15, 1981

| Station                      | Temperature (°C) |                       |                 |                 | Precip. (mm) |                       | Station              | Temperature (°C) |                       |                 |                 | Precip. (mm) |                       | Station                     | Temperature (°C) |                       |                 |                 | Precip. (mm) |                       |
|------------------------------|------------------|-----------------------|-----------------|-----------------|--------------|-----------------------|----------------------|------------------|-----------------------|-----------------|-----------------|--------------|-----------------------|-----------------------------|------------------|-----------------------|-----------------|-----------------|--------------|-----------------------|
|                              | Average          | Departure from Normal | Extreme Maximum | Extreme Minimum | Total        | Departure from Normal |                      | Average          | Departure from Normal | Extreme Maximum | Extreme Minimum | Total        | Departure from Normal |                             | Average          | Departure from Normal | Extreme Maximum | Extreme Minimum | Total        | Departure from Normal |
| <b>BRITISH COLUMBIA</b>      |                  |                       |                 |                 |              |                       | Sachs Harbour        | 1                | 2                     | 5               | -4              | 0.0          | -3.3                  | Simcoe                      | M                | M                     | 26P             | 11P             | 13.0         | -3.3                  |
| Abbotsford                   | 17               | 1                     | 27              | 7               | 1.0          | -13.2                 | Shepherd Bay         | 1                | 1                     | 5               | -3              | 3.6          | -1.9                  | Stoux Lookout               | 16               | 4                     | 25              | 6               | 0.8          | -18.2                 |
| Alert Bay                    | 15               | 1                     | 26              | 7               | 1.9          | -14.7                 | Tuktoyaktuk          | 5                | 2                     | 12              | 1               | 0.2          | -2.7                  | Sudbury                     | 13               | 0                     | 24              | 1               | 97.5         | 69.7                  |
| Blue River                   | M                | X                     | 24P             | 3P              | M            | X                     | Yellowknife          | 9                | 1                     | 22              | 4               | 27.6         | 21.3                  | Thunder Bay                 | 15               | 3                     | 29              | 3               | 0.8          | -25.0                 |
| Bull Harbour                 | 14               | 1                     | 20              | 8               | 6.8          | -13.2                 | <b>ALBERTA</b>       |                  |                       |                 |                 |              |                       | Timmins                     | 11               | 0                     | 22              | 0               | 35.0         | 8.6                   |
| Burns Lake                   | M                | X                     | 25P             | 5P              | 2.8          | X                     | Banff                | M                | M                     | 27P             | 8P              | M            | M                     | Toronto                     | 17               | 0                     | 27              | 8               | 1.0          | -13.0                 |
| Cape Scott                   | 14               | 2                     | 18              | 10              | 25.4         | -8.0                  | Calgary              | 16               | 4                     | 31              | -1              | 0.2          | -8.3                  | Trenton                     | 16               | 0                     | 25              | 9               | 19.3         | 1.2                   |
| Cape St James                | 15               | 1                     | 21              | 10              | 59.8         | -32.4                 | Cold Lake            | 15               | 4                     | 32              | -3              | 6            | -8.1                  | Trout Lake                  | 11               | 1                     | 21              | 4               | 12.7         | -0.8                  |
| Castlegar                    | 18               | 2                     | 31              | 5               | 0.0          | -5.1                  | Coronation           | 16               | 4                     | 32              | 2               | 0.0          | -6.2                  | Wawa                        | 10               | X                     | 18              | -1              | M            | X                     |
| Comox                        | 16               | 1                     | 24              | 8               | 0.6          | -8.1                  | Edmonton Intl        | 15               | 5                     | 32              | 3               | 1.2          | -8.4                  | Warton                      | 16               | 0                     | 24              | 8               | 11.0         | -10.9                 |
| Cranbrook                    | 18               | 5                     | 33              | 5               | 0.0          | -3.9                  | Edmonton Mun         | 17               | 4                     | 33              | 5               | 0.0          | -9.3                  | Windsor                     | 20               | 2                     | 30              | 8               | 5.4          | -10.0                 |
| Dease Lake                   | 8                | -1                    | 18              | -2              | 5.7          | -3.5                  | Edmonton Namao       | 16               | 4                     | 32              | 4               | 0.5          | -11.5                 | <b>QUEBEC</b>               |                  |                       |                 |                 |              |                       |
| Estevan Point                | M                | M                     | 17P             | 10              | M            | M                     | Edson                | 13               | 5                     | 29              | -2              | 0.2          | -17.4                 | Bagotville                  | 13               | 0                     | 22              | 3               | 22.4         | -1.3                  |
| Fort Nelson                  | 13               | 2                     | 25              | -2              | 0.5          | -7.4                  | Fort Chipewyan       | M                | M                     | M               | -1              | M            | M                     | Baie Comeau                 | 10               | -1                    | 18              | 1               | 18.6         | -4.1                  |
| Fort St John                 | 13               | 2                     | 26              | 1               | 0.0          | -7.0                  | Fort McMurray        | 15               | 5                     | 32              | 2               | 0.0          | -11.4                 | Blanc Sablon                | M                | M                     | 15P             | 6               | 9.0          | -18.7                 |
| Kamloops                     | 18               | 2                     | 34              | 6               | 0.0          | -5.6                  | Grande Prairie       | 14               | 2                     | 29              | -2              | 0.0          | -9.5                  | Border                      | M                | M                     | M               | 5P              | M            | M                     |
| Langara                      | X                | X                     | 17P             | 10              | 96.2         | 64.8                  | High Level           | 13               | 4                     | 26              | -4              | 0.0          | -7.4                  | Chibougamau                 | 10               | X                     | 21              | 3               | 70.7         | X                     |
| Lytton                       | 20               | 3                     | 35              | 9               | 0.0          | -3.0                  | Jasper               | 14               | 3                     | 29              | 0               | 0.0          | -6.9                  | Fort Chimo                  | 9                | 3                     | 26              | 3               | 29.0         | 15.5                  |
| Mackenzie                    | M                | X                     | 27              | -3P             | 1.4          | X                     | Lethbridge           | 18               | 5                     | 33              | 4               | 0.0          | -6.6                  | Gaspé                       | 12               | X                     | 22              | 2               | 19.8         | X                     |
| McInnes Island               | 15               | 1                     | 18              | 10              | 37.2         | 8.3                   | Medicine Hat         | 20               | 6                     | 34              | 8               | 0.0          | -6.1                  | Grindstone Island           | 15               | 1                     | 19              | 10              | 8.0          | -6.4                  |
| Penticton                    | 18               | 2                     | 30              | 7               | 0.0          | -4.7                  | Peace River          | 14               | 4                     | 29              | -2              | 0.0          | -7.2                  | Inoucdjouac                 | 7                | 2                     | 12              | 4               | 2.1          | -13.8                 |
| Port Hardy                   | 15               | 2                     | 26              | 7               | 4.8          | -20.3                 | Red Deer             | 15               | 3                     | 31              | 1               | 0.0          | -9.2                  | Koartak                     | M                | X                     | 12P             | 1P              | M            | X                     |
| Prince George                | 13               | 2                     | 28              | 0               | 1.0          | -9.9                  | Rocky Mountain House | 13               | 2                     | 30              | -1              | 0.0          | -12.5                 | La Grande Rivière           | 7                | X                     | 17              | -2              | 20.7         | X                     |
| Prince Rupert                | 13               | 1                     | 17              | 4               | 159.3        | 109.4                 | Slave Lake           | 13               | 5                     | 28              | -1              | 0.2          | -13.4                 | Maniwaki                    | 13               | 0                     | 24              | 4               | 40.6         | -18.9                 |
| Quesnel                      | 14               | 2                     | 31              | 2               | 0.8          | -6.5                  | Vermilion            | 16               | 5                     | 33              | 1               | 0.0          | -8.5                  | Matagami                    | 10               | X                     | 18              | -1              | 26.9         | X                     |
| Revelstoke                   | 16               | 2                     | 26              | 4               | 1.8          | -6.6                  | Whitecourt           | 13               | 3                     | 29              | -2              | 0.0          | -5.5                  | Mont-Joli                   | 12               | 0                     | 26              | 6               | 33.4         | 11.2                  |
| Sandspit                     | 14               | 1                     | 19              | 9               | 47.4         | 32.3                  | <b>SASKATCHEWAN</b>  |                  |                       |                 |                 |              |                       | Montréal                    | 15               | -1                    | 25              | 26              | 26.1         | 7.7                   |
| Smithers                     | 12               | 1                     | 24              | 0               | 8.7          | -0.3                  | Broadview            | 17               | 4                     | 31              | 2               | 0.0          | -13.1                 | Natashquan                  | 12               | 2                     | 19              | 4               | 21.0         | -3.1                  |
| Stewart                      | M                | M                     | M               | 13P             | M            | M                     | Buffalo Narrows      | M                | M                     | 31              | 6               | 0.4          | -11.1                 | Nitchecon                   | 9                | 1                     | 17              | 3               | 103.6        | 76.3                  |
| Terrace                      | 13               | 0                     | 19              | 5               | 28.0         | 7.4                   | Cree Lake            | 14               | X                     | 28              | 4               | 16.4         | X                     | Port Menier                 | M                | M                     | M               | 5P              | M            | M                     |
| Vancouver                    | 16               | 1                     | 26              | 9               | 3.4          | -6.6                  | Estevan              | 19               | 5                     | 32              | 6               | 0.8          | -7.1                  | Poste-de-la-Baleine         | 8                | 0                     | 17              | -1              | 15.2         | -3.6                  |
| Victoria                     | 15               | 0                     | 24              | 7               | 1.2          | -7.1                  | Hudson Bay           | 16               | 5                     | 30              | 6               | 0.0          | -10.7                 | Québec                      | 13               | -1                    | 22              | 5               | 42.0         | 15.9                  |
| Williams Lake                | 14               | 4                     | 29              | 2               | 0.0          | -7.1                  | Kindersley           | 18               | 5                     | 33              | 7               | 0.0          | -8.7                  | Rivière du Loup             | M                | M                     | 16P             | 6P              | M            | M                     |
| <b>YUKON</b>                 |                  |                       |                 |                 |              |                       | La Ronge             | 16               | 6                     | 31              | 5               | 1.0          | -10.9                 | Roberval                    | 12               | 0                     | 21              | 5               | 38.6         | 13.9                  |
| Burwash                      | 7                | 1                     | 13              | -1              | 1.0          | -5.2                  | Meadow Lake          | 15               | X                     | 32              | 0               | 0.2          | X                     | Schefferville               | 10               | 4                     | 22              | 5               | 10.9         | -12.7                 |
| Dawson                       | 7                | -1                    | 16              | -3              | 8.2          | 1.0                   | Moose Jaw            | 19               | 5                     | 34              | 5               | 0.0          | -10.0                 | Sept-Îles                   | 11               | 1                     | 19              | 3               | 18.8         | -7.0                  |
| Komakuk Beach                | 1                | 1                     | 4               | -3              | 0.0          | -1.0                  | Nipawin              | 16               | X                     | 32              | 4               | 0.0          | X                     | Sherbrooke                  | 13               | 1                     | 24              | 0               | 35.0         | 19.4                  |
| Mayo                         | 9                | 1                     | 16              | -1              | 8.1          | 0.4                   | North Battleford     | 16               | 4                     | 33              | 3               | 0.0          | -7.6                  | Ste Agathe des Monts        | 11               | 0                     | 22              | 3               | 43.5         | 25.9                  |
| Shingle Point                | 4                | 1                     | 13              | -2              | 0.3          | -3.2                  | Prince Albert        | 16               | 5                     | 33              | 3               | 0.0          | -7.8                  | Val d'Or                    | 11               | -1                    | 21              | -1              | 16.4         | -9.1                  |
| Watson Lake                  | 9                | 0                     | 17              | -1              | 10.8         | -0.2                  | Regina               | 18               | 5                     | 34              | 5               | 0.0          | -8.0                  | <b>NEW BRUNSWICK</b>        |                  |                       |                 |                 |              |                       |
| Whitehorse                   | 8                | -1                    | 14              | 0               | 13.6         | 8.3                   | Rockglen             | M                | X                     | M               | 12P             | M            | X                     | Charlo                      | 13               | 1                     | 20              | 6               | 17.5         | -5.6                  |
| <b>NORTHWEST TERRITORIES</b> |                  |                       |                 |                 |              |                       | Saskatoon            | 18               | 5                     | 34              | 5               | 0.0          | -7.9                  | Chatham                     | M                | M                     | 19P             | 3               | 12.0         | -5.4                  |
| Alert                        | -2               | 7                     | 8               | -9              | 21.0         | 16.6                  | Swift Current        | 18               | 5                     | 34              | 4               | 0.0          | -7.6                  | Fredericton                 | 14               | 0                     | 25              | 3               | 17.7         | -0.3                  |
| Baker Lake                   | 4                | 0                     | 8               | -1              | 2.1          | -5.2                  | Uranium City         | 11               | 3                     | 24              | 1               | 5.0          | -1.6                  | Moncton                     | 14               | -1                    | 23              | 5               | 11.3         | -1.1                  |
| Broughton Island             | 2                | 4                     | 10              | -4              | 9.2          | -0.4                  | Wynyard              | 17               | 4                     | 31              | 4               | 0.0          | -12.6                 | Saint Jean                  | 13               | 0                     | 22              | 4               | 0.4          | -17.8                 |
| Byron Bay                    | 1                | 0                     | 5               | -6              | 1.9          | -4.7                  | Yorkton              | 17               | 5                     | 30              | 4               | 0.0          | -8.1                  | <b>NOVA SCOTIA</b>          |                  |                       |                 |                 |              |                       |
| Cambridge Bay                | 1                | 0                     | 4               | -3              | 1.1          | -2.7                  | <b>MANITOBA</b>      |                  |                       |                 |                 |              |                       | Eddy Point                  | 16               | X                     | 23              | 10              | 18.5         | X                     |
| Cape Dorset                  | M                | X                     | 9P              | 1               | 21.8         | X                     | Bissett              | 15               | 4                     | 25              | 4               | 0.2          | -23.4                 | Greenwood                   | 15               | 0                     | 25              | 4               | 2.6          | -13.6                 |
| Cape Dyer                    | 2                | 2                     | 7               | -2              | 10.2         | -17.4                 | Brandon              | 17               | 5                     | 32              | 7               | 0.0          | -5.2                  | Sable Island                | 17               | 0                     | 21              | 13              | 37.1         | 14.0                  |
| Cape Hooper                  | 0                | 1                     | 5               | -4              | 15.7         | 5.8                   | Churchill            | 6                | 0                     | 15              | 3               | 26.9         | 14.9                  | Shearwater                  | 16               | 1                     | 23              | 10              | 30.0         | 7.3                   |
| Cape Parry                   | 3                | 2                     | 8               | 1               | 1.4          | -3.5                  | Dauphin              | 17               | 5                     | 32              | 5               | 0.6          | -8.4                  | Sydney                      | 14               | 0                     | 20              | 7               | 9.8          | -9.8                  |
| Cape Young                   | 4                | 1                     | 8               | 1               | 5.8          | -0.2                  | Gillam               | 9                | X                     | 25              | 3               | 6.4          | X                     | Truro                       | M                | M                     | 22P             | 4P              | 5.2          | -13.5                 |
| Clinton Point                | 3                | 2                     | 10              | -1              | 2.8          | -3.6                  | Gimli                | 17               | 4                     | 27              | 6               | 0.0          | -11.8                 | Yarmouth                    | 15               | 1                     | 22              | 6               | 27.4         | 10.7                  |
| Clyde                        | 2                | 1                     | 9               | -1              | 19.4         | 12.3                  | Island Lake          | M                | X                     | 25P             | 5               | 7.2          | M                     | <b>PRINCE EDWARD ISLAND</b> |                  |                       |                 |                 |              |                       |
| Contwoyto Lake               | M                | M                     | 5P              | -3P             | 33.8         | 27.2                  | Lynn Lake            | 10               | 2                     | 22              | 1               | 8.7          | 5.0                   | Charlottetown               | M                | M                     | 22P             | 7               | 12.5         | -4.6                  |
| Coppermine                   | 5                | 1                     | 10              | 1               | 21.9         | 17.7                  | Norway House         | 13               | X                     | 28              | 0               | 2.8          | X                     | Summerside                  | 15               | -1                    | 24              | 8               | 19.6         | 5.9                   |
| Coral Harbour                | 4                | 2                     | 13              | -1              | 37.6         | 30.4                  | Pilot Mound          | 17               | 5                     | 31              | 8               | 0.6          | -6.7                  | <b>NEWFOUNDLAND</b>         |                  |                       |                 |                 |              |                       |
| Dewar Lakes                  | -1               | 2                     | 2               | -4              | 5.2          | -2.0                  | Portage la Prairie   | 18               | 4                     | 34              | 7               | 0.0          | -5.9                  | Argentia                    | 14               | X                     | 19              | 9               | 41.5         | X                     |
| Ennadai                      | M                | M                     | M               | 0               | M            | M                     | The Pas              | 16               | 5                     | 25              | 6               | 2.2          | -12.3                 | Battle Harbour              | 12               | 2                     | 40              | 7               | 12.5         | -5.3                  |
| Eureka                       | -2               | 4                     | 3               | -7              | 2.0          | -0.4                  | Thompson             | 11               | 3                     | 27              | -2              | 2.2          | -14.8                 | Bonavista                   | 13               | 0                     | 17              | 9               | 72.7         | 50.5                  |
| Fort Reliance                | 7                | 0                     | 19              | 0               | 16.6         | 10.6                  | Winnipeg             | 17               | 4                     | 30              | 7               | 2.0          | -8.4                  | Burgeo                      | 15               | 2                     | 21              | 10              | 24.0         | -4.2                  |
| Fort Simpson                 | 12               | 5                     | 24              | 4               | 26.4         | 20.1                  | <b>ONTARIO</b>       |                  |                       |                 |                 |              |                       | Cartwright                  | 11               | 2                     | 19              | 6               | 9.5          | -9.4                  |
| Fort Smith                   | 12               | 3                     | 28              | 1               | 4.0          | -1.6                  | Armstrong            | M                | M                     | 27              | -1P             | 5.6          | -16.1                 | Churchill Falls             | 11               | 5                     | 24              | 3               | 11.4         | -7.2                  |
| Frobisher Bay                | 7                | 3                     | 13              | 2               | 36.8         | 27.7                  | Atikokan             | 14               | 3                     | 28              | 1               | 0.2          | -17.0                 | Comfort Cove                | 13               | 0                     | 18              | 8               | 29.7         | 10.5                  |
| Gladman Point                | 1                | 1                     | 5               | -2              | 1.2          | -3.7                  | Earlton              | 13               | 0                     | 22              | 3               | 17.2         | -7.8                  | Daniel's Harbour            | 14               | 3                     | 21              | 9               | 23.2         | 2.3                   |
| Hall Beach                   | 2                | 1                     | 5               | -1              | 17.9         | 12.9                  | Geraldton            | 11               | 1                     | 24              | 0               | 4.4          | -16.4                 | Deer Lake                   | 13               | 2                     | 20              | 5               | 30.0         | 8.5                   |
| Hay River                    | 11               | 2                     | 24              | 2               | 6.6          | -1.5                  | Gore Bay             | 16               | 1                     | 24              | 6               | 22.4         | 0.7                   | Gander                      | 13               | 0                     | 18              | 8               | 39.6         | 22.3                  |
| Inuvik                       | 6                | 2                     | 16              | 0               | 1.2          | -3.3                  | Kapuskaing           | 11               | 0                     | 22              | 2               | 23.8         | -2.7                  | Goose                       | 13               | 2                     | 22              | 4               | 5.8          | -11.2                 |
| Jenny Lind Island            | 0                | 0                     | 3               | -2              | 0.6          | -3.7                  | Kenora               | 17               | 4                     | 27              | 8               | 0.0          | -13.7                 | Hopedale                    | 11               | 3                     | 20              | 6               | 8.4          | -7.7                  |
| Lady Franklin Point          | 3                | 1                     | 7               | 0               | 0.0          | -3.3                  | Kingston             | 17               | 1                     | 24              | 9               | 19.6         | -2.4                  | Port aux Basques            | 15               | 2                     | 20              | 7               | 20.0         | -3.2                  |
| Longstaff Bluff              | 2                | 2                     | 7               | -1              | 16.7         | 10.3                  | Lansdowne            | 11               | 1                     | 19              | 4               | 12.1         | -6.3                  | St Albans                   | M                | M                     | 21P             | 7               | 28.6         | 0.0                   |
| Mackay Inlet                 | -1               | 1                     | 3               | -5              | 12.0         | 7.2                   | London               | 17               | 1                     | 27              | 9               | 4.2          | -12.9                 | St Anthony                  | 10               | X                     | 16              | 5               | 20.6         | X                     |
| Mould Bay                    | M                | M                     | 0P              | -8              | 0.4          | -3.7                  | Moosonee             | 11               | 0                     | 21              | 1               | 37.0         | 15.5                  | St Jean's                   | 13               | 0                     | 17              | 8               | 55.2         | 24.2                  |
| Nicholson Peninsula          | 4                | 3                     | 14              | 0               | 5.5          | 2.4                   | Mount Forest         | M                | M                     | 32              | 10P             | 6.2          | -12.6                 | St Lawrence                 | 15               | 2                     | 19              | 12              | 29.4         | -4.6                  |
| Norman Wells                 | 9                | 2                     | 18              | 2               | 3.2          | -5.2                  | Muskoka              | 15               | 0                     | 24              | 4               | 37.0         | 8.9                   | Stephenville                | 15               | 2                     | 26              | 5               | 6.6          | -14.7                 |
| Pelly Bay                    | -2               | 0                     | 2               | -6              | 6.8          | 0.7                   | North Bay            | 13               | 0                     | 23              | 2               | 48.0         | 19.7                  | Wabush Lake                 | 11               | 4                     | 24              | 2               | 10.6         | -15.3                 |
| Pond Inlet                   | M                | X                     | 7P              | -4              | 3.8          | X                     | Ottawa               | 15               | -1                    | 26              | 7               | 80.0         | 60.0                  |                             |                  |                       |                 |                 |              |                       |
| Port Burwell                 | M                | X                     | 20P             |                 |              |                       |                      |                  |                       |                 |                 |              |                       |                             |                  |                       |                 |                 |              |                       |