

Passive acoustic data to characterize and monitor the soundscape of the Salish Sea

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PASSIVE ACOUSTIC DATA TO CHARACTERIZE AND MONITOR THE
SOUNDSCAPE OF THE SALISH SEA

By

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ABSTRACT

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Continuous passive acoustic recordings were made at ten locations in the Salish Sea, in the coastal waters around southern Vancouver Islands, the Straits of Juan de Fuca and Georgia and the Gulf Islands. The earliest deployments of acoustic moorings were in 2018 at six core locations (Swiftsure Bank, Port Renfrew, Jordan River, Sooke, Haro Strait and Boundary Pass) with recorders in the Gulf Islands, in Swanson Channel, and the Strait of Georgia deployed in the years following. The data collected are presented as mean and median weekly and monthly sound pressure levels (SPL) in frequency ranges that help determine the abiotic (wind, precipitation and water turbulence) and anthropogenic (commercial and recreational vessels) additions to the soundscape over space and time. In addition, frequencies used by southern resident killer whales (*Orcinus orca*, SRKW) for communication calls and echolocation signals were included. These whales use the Salish Sea predominantly in the summer months and much of the area has been designated as critical habitat for this population.

Keywords: passive acoustic monitoring, soundscape characterization, time-series data, marine environment quality

RÉSUMÉ

Burnham, R., Vagle, S. 2026. Passive acoustic data to characterize and monitor the soundscape of the Salish Sea. Can. Data Rep. Fish. Aquat. Sci. 1483: xv + 387 p.

Des enregistrements acoustiques passifs continus ont été effectués à dix emplacements dans la mer des Salish, dans les eaux côtières autour du sud de l'île de Vancouver, dans le détroit de Juan de Fuca, le détroit de Géorgie et dans les îles Gulf. Les premiers déploiements d'amarrage acoustiques ont eu lieu en 2018 à six emplacements clés (banc Swiftsure, Port Renfrew, Jordan River, Sooke, le détroit de Haro, et le passage Boundary), puis des d'amarrage suivants, situés dans les îles Gulf, dans le canal Swanson, et dans le détroit de Georgia, ont été déployés au cours des années suivantes. Les données sont présentées sous forme de niveaux de pression acoustique (NPA) moyens et médians, hebdomadaires et mensuels, dans des gammes de fréquences qui aident à déterminer les ajouts abiotiques (vent, précipitations et turbulence de l'eau) et anthropiques (navires commerciaux et de plaisance) au paysage sonore dans l'espace et dans le temps. De plus, les gammes de fréquences utilisées par les épaulards résidents du Sud (*Orcinus orca*, ERS) pour leurs appels de communication et leurs signaux d'écholocation ont également été incluses. Ces épaulards fréquentent la mer des Salish principalement durant les mois d'été, et une grande partie de cette zone a été désignée comme habitat essentiel pour cette population.

Mots-clés: Surveillance acoustique passive, caractérisation du paysage sonore, données de séries temporelles, qualité du milieu marin

1. INTRODUCTION

Ocean soundscapes are determined by the contribution of natural and human-derived sound sources. Natural, non-biological components are principally wind and wave driven, and include precipitation and water turbulence caused by tides, currents or surface waves. These are the abiotic sound contributors. Biological sounds may come from marine life present in an area that may use calls, whistles, or clicks, for example, to exchange information or as part of key life behaviours. Anthropogenic noise additions can elevate the ambient noise levels significantly. In the Salish Sea these additions are dominated by vessel noise, with the presence of international shipping lanes bringing vessels through the coastal waters to major ports in Canada and the United States. Commercial vessels typically contribute to the lower frequencies, whereas smaller, recreational vessels add to higher frequencies. Long-term collection of passive acoustic monitoring (PAM) data allows the characterization of the dominant inputs to the soundscape of a region over time and space, which can also add to the assessment of ecosystem health. It can also help estimate potential levels of disturbance to at-risk species that use the area.

Passive acoustic recordings have been made by the Ocean Acoustics Team of Fisheries and Oceans (DFO) Science in the Salish Sea since 2018. This has been done under the Ocean Protection Plan Marine Environmental Quality Program OPP-MEQ to support recovery efforts for the endangered southern resident killer whale (*Orcinus orca*, SRKW). Spatiotemporal patterns in sound levels and soundscape inputs can be derived through the comparisons between mooring locations over time. The influence of vessel presence and emissions to the soundscape can also be described.

2. DATA COLLECTION AND PROCESSING

Passive acoustic recordings have been made by since 2018, with data collected constantly over a broadband range (10 Hz to 100 kHz). The earliest deployments were at six locations on Swiftsure Bank, in Juan de Fuca, Haro Strait and Boundary Pass (Table 1). Additional systems were added in Swanson Channel (2019) and in the Strait of Georgia (2020 and 2023) (Table 1, Figure 1). Recorders were serviced regularly to maintain the timeseries of continuous recordings, however gaps occurred when maintenance of the recorders was delayed, in particular during the COVID-19 pandemic, or when there were technical issues with the moorings resulting in some data loss.

Table 1: Passive acoustic monitoring (PAM) systems deployed in the Salish Sea since 2018 by DFO Science.

Mooring location	Latitude	Longitude	Depth (m)	First Deployment
Swiftsure	48.5154	-124.9360	75	April 2018
Port Renfrew	48.5045	-124.5169	170	Feb 2018
Jordan River	48.3967	-124.1345	120	Feb 2018
Sooke	48.2901	-123.6552	165	Feb 2018
Haro Strait	48.4959	-123.1931	235	Feb 2018
Boundary Pass	48.7326	-123.1521	180	Feb 2018
Swanson Channel	48.7390	-123.2557	75	Aug 2019
Strait of Georgia south east	48.8900	-123.1700	132	Jul 2023
Strait of Georgia south	48.9810	-123.4051	240	Aug 2020
Strait of Georgia north	49.1928	-123.3465	190	Aug 2020

The recordings were made using Autonomous Multichannel Acoustic Recorders (AMAR, Jasco Applied Sciences) equipped with a GeoSpectrum technologies M36-100 hydrophone. Each AMAR sat on a specially designed quiet mooring that positions the hydrophone approximately 2 meters above the ocean floor. The sampling rate was 256 kHz with 24-bit resolution, with the full recording range of the AMAR extending to 128 kHz. Data were retrieved as wav files, and then processed to produce 5 seconds averaged power spectral density in the equivalence of 1-Hz bands in the frequency domain. These high-resolution spectra were then averaged to time periods of interest (minutes, hours, days, weeks and months) at candidate frequencies or in frequency ranges of interest.

Ten frequency ranges were considered for time-series analysis to be able to characterize the dominant inputs to the soundscape over time at each recording location. These included several frequency ranges that represent the lower-frequency noise that commercial vessels add to the underwater acoustic landscape of the Salish Sea (Table 2). The decadal band of 100-1000 Hz was considered to represent vessel presence while excluding noise from water turbulence, which was represented by examining the range 10-100 Hz for wave, current and tidal water movement noise. Also included were the 1/3 octave bands centered

at 64 Hz (57-71 Hz) and 125 Hz (114-141 Hz, Table 2), which are used by the EU Marine Strategy Framework to describe habitat acoustics and vessel noise contributions (Merchant et al. 2012, 2015). Frequency ranges representing smaller recreational vessels were also considered (Table 2). To understand the natural, non-biological inputs to the soundscape, and noise sources driving any changes in sound levels, frequencies representative of current/tides (10-100 Hz), wave and wind noise (7500-8500 Hz) and precipitation (19500-20500 Hz) were considered. In addition to frequencies representing abiotic and anthropogenic sound sources, frequency ranges used by SRKW for communication (500 Hz to 15 kHz) and echolocation (15-100 kHz, Heise et al. 2017) were also examined. This can help describe potential acoustic disturbance and masking potential.

Table 2: Selected frequency ranges for analysis and the noise additions to the soundscape they represent.

Frequency Range (Hz)	Representative source	Reference
10-100,000	Broadband, Additions may instigate SRKW behavioural change	Heise et al. 2017
500-15,000	SRKW communication range	Heise et al. 2017
15,000-100,000	SRKW echolocation range	Heise et al. 2017
100-1000	Commercial vessel noise, excluding turbulence noise	Merchant et al. 2012
57-71	Commercial vessel noise, EU Marine Strategy Framework Directive	Merchant et al. 2012, 2015
113-141	Commercial vessel noise, EU Marine Strategy Framework Directive	Merchant et al. 2012, 2015
10-100	Wave, current/tidal noise	Merchant et al. 2012
49,500-50,500	Echosounders, smaller recreational vessels	
7,500-8,500	Wind	Vagle et al. 1990
19,500-20,500	Precipitation, smaller recreational vessels	Vagle et al. 1990

Time-series of sound pressure levels can be formed for each of the mooring deployment locations (Table 1, Figure 1). However, the sound levels measured at each of the recording locations could also be considered to be representative of sub-regions of the Salish Sea, referencing previous work characterizing the soundscape (see Burnham et al. 2021). This work initially derived six acoustic sub-regions, with Swiftsure Bank and Strait of Georgia subsequently further divided (Figure 1). The sub-regions are Swiftsure Bank east represented by the Swiftsure Bank recorder, western Juan de Fuca containing Port Renfrew and Jordan River, the Sooke recordings represent eastern Juan de Fuca, Haro Strait and Boundary Pass recordings showed similarities and so became a sub-region, Swanson Channel recordings represent the Gulf Islands, and then there are three recorders in the Strait of Georgia south sub-region (Strait of Georgia-north, -south, and -south east) (Figure 1).

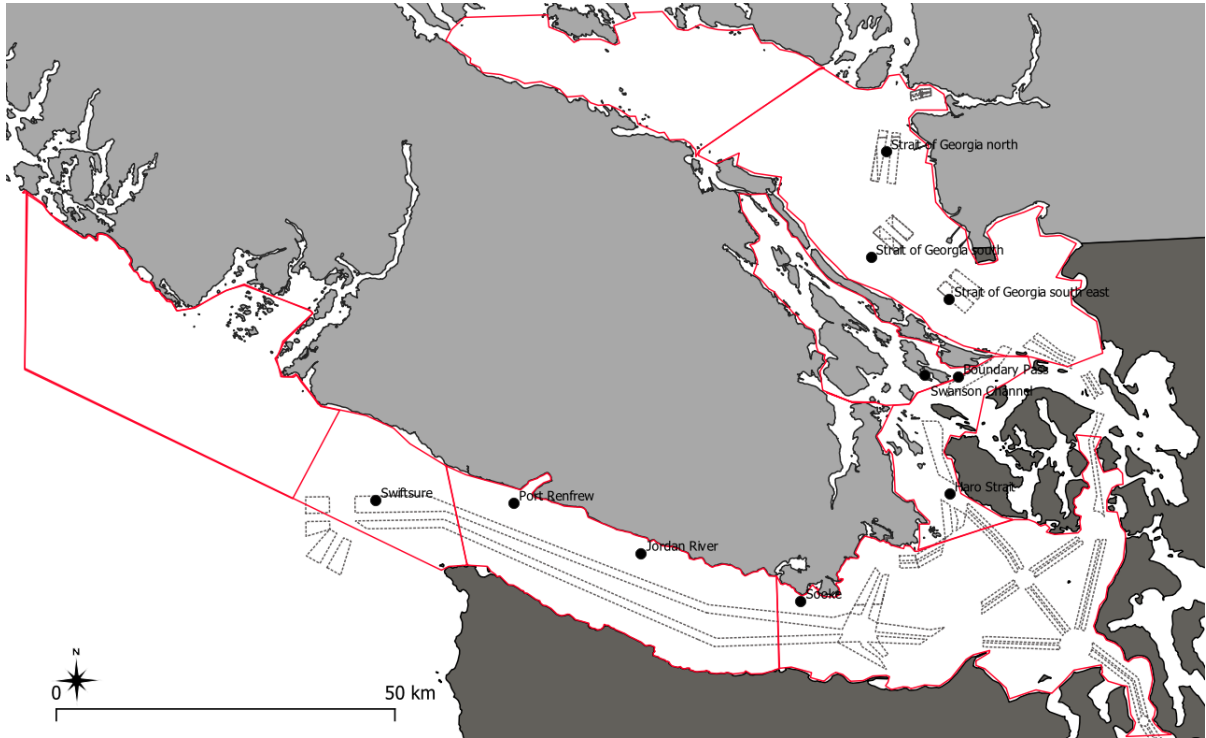


Figure 1: The 10 mooring locations where passive acoustic recordings were made (black circles with location labels) and sub-region definitions (red line). Commercial shipping lanes are shown using grey dashed lines.

Sound levels were reported as the arithmetic mean (L_{eq}) with standard deviations, background levels (those present 95% of the time, represented by Q_5), the noisiest periods, present 5% of the time (Q_{95}) and the median (representative of sound levels 50% of the time, Q_{50}) (see Tables in Appendix). Weekly and monthly sound pressure levels were compared between the years of data collected using these metrics to help determine any overall trends. Also, to understand the relative additions to the broadband sound levels from commercial and recreational vessels and wind and rain noise the relationship between sound pressure levels at 8 kHz and 20 kHz was examined using the data from the 7500-8500 Hz and 19500-20500 Hz frequency ranges respectively. The spectral slope relationship between these frequencies, and the known relationship between wind speed and sound levels in deep water described by Knudsen et al. (1948) and Vagle et al. (1990) was used to discern these inputs, with departure from the slope used as a first-order method to distinguish the lower frequency vessel contributions, higher frequency contributions of precipitation and smaller vessels, and wind noise (see Burnham et al. 2021).

3. RESULTS

Weekly and monthly sound pressure levels at mean, and Q_5 , Q_{50} (median) and Q_{95} percentile levels were given for each mooring location (see Appendix). Sound levels for each year of recording of the acoustic time series at each location were compared visually on a monthly (Figures 2-10) and weekly (Figures 11-17) temporal resolution. Figures 18-25 show the extent of the minimum and maximum monthly median sound levels recorded, as well as the overall median for all years of recording at each location for comparison. These figures show sound levels in frequencies representing broadband (Figures 2, 10, 18), SRKW communication (Figure 3, 11, 19), SRKW echolocation (Figure 4, 12, 20), water turbulence (10-100 Hz, Figures 5, 13, 21), commercial vessels (100-1000 Hz, Figures 6, 14, 22), wind noise (7500-8500 Hz, Figures 7, 15, 23), small vessels and precipitation (19500-20500 Hz, Figures 8, 16, 24), and echosounders and small vessels (49500-50500 Hz, Figures 9, 17, 25).

Soundscape composition analysis determined the relative additions to the broadband sound levels from commercial and recreational vessels and wind noise through the relationship between sound pressure levels at 8 kHz and 20 kHz. Figure 26 shows seasonality in both commercial and recreational vessel traffic. Peaks in September to November are seen for commercial traffic inputs, representing an increased demand in products in the last months of the year. Increased contributions in higher frequencies in the summer months are presumed to result from recreational vessels, whereas increased contributions in the winter are from increased frequency and intensity of precipitation events. Contributions from wind were typically the least during summer months (Figure 26).

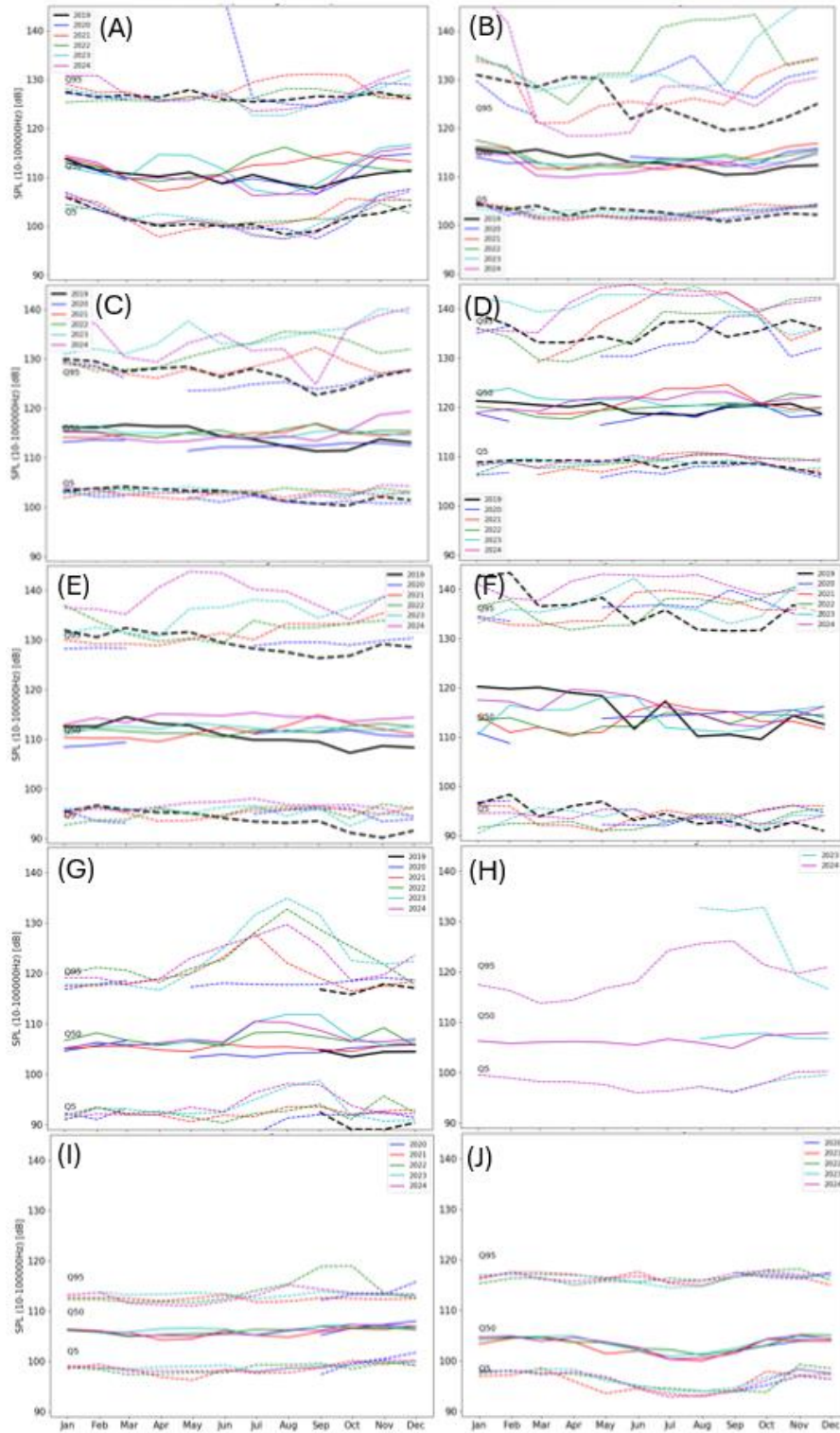


Figure 2: Monthly broadband (10-100,000 Hz) sound pressure levels (SPL) measured at Q₅, Q₅₀ (median) and Q₉₅ at (A) Swiftsure Bank, (B) Port Renfrew, (C) Jordan River, (D) Sooke, (E) Haro Strait, (F) Boundary Pass, (G) Swanson Channel, (H) Strait of Georgia South-east, (I) Strait of Georgia South, and (J) Strait of Georgia North.

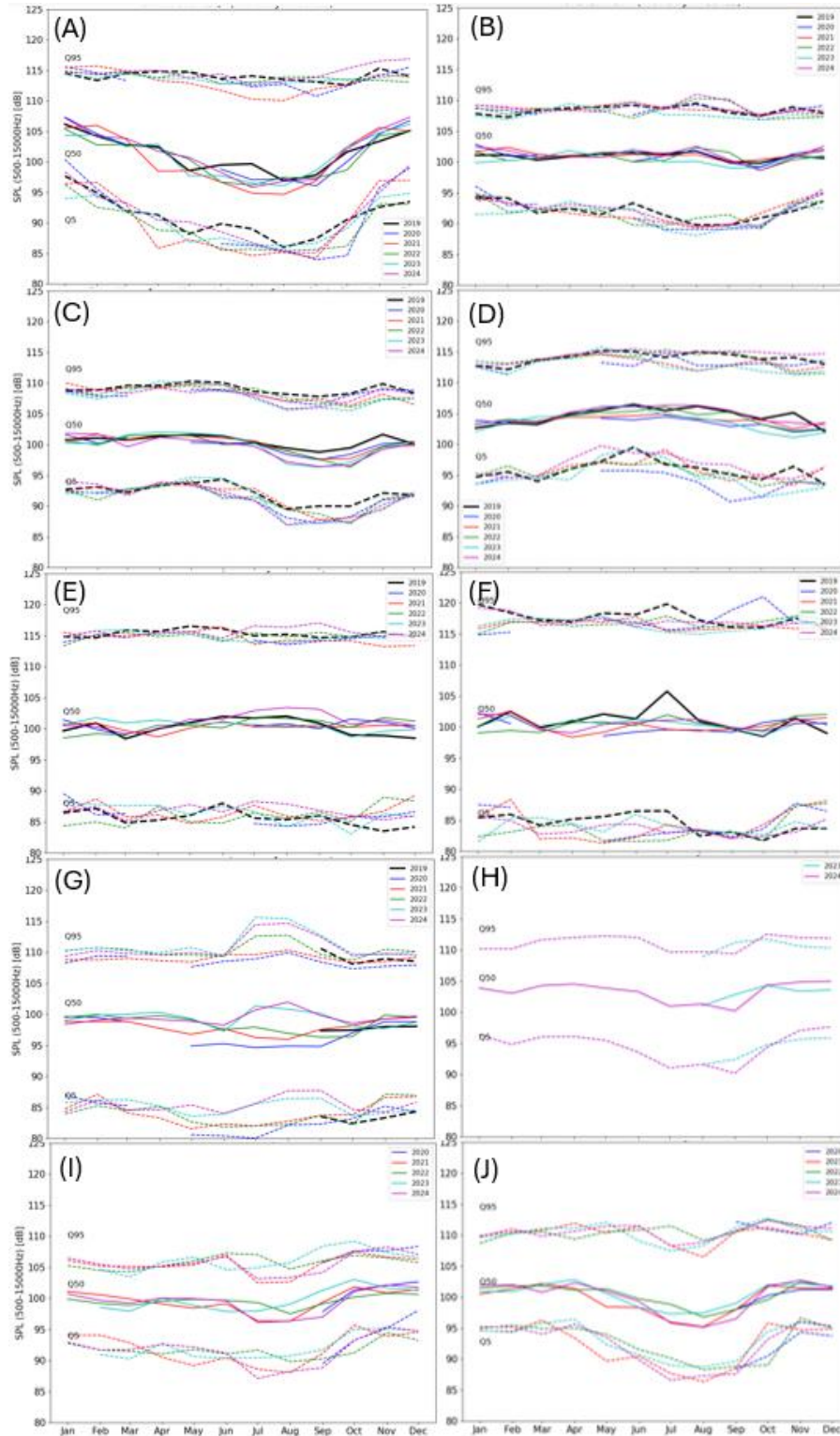


Figure 3: Monthly sound pressure levels (SPL) measured at Q₅, Q₅₀ (median) and Q₉₅ for the southern resident killer whale (SRKW) communication range (500-15000 Hz) at (A) Swiftsure Bank, (B) Port Renfrew, (C) Jordan River, (D) Sooke, (E) Haro Strait, (F) Boundary Pass, (G) Swanson Channel, (H) Strait of Georgia South-east, (I) Strait of Georgia South, and (J) Strait of Georgia North.

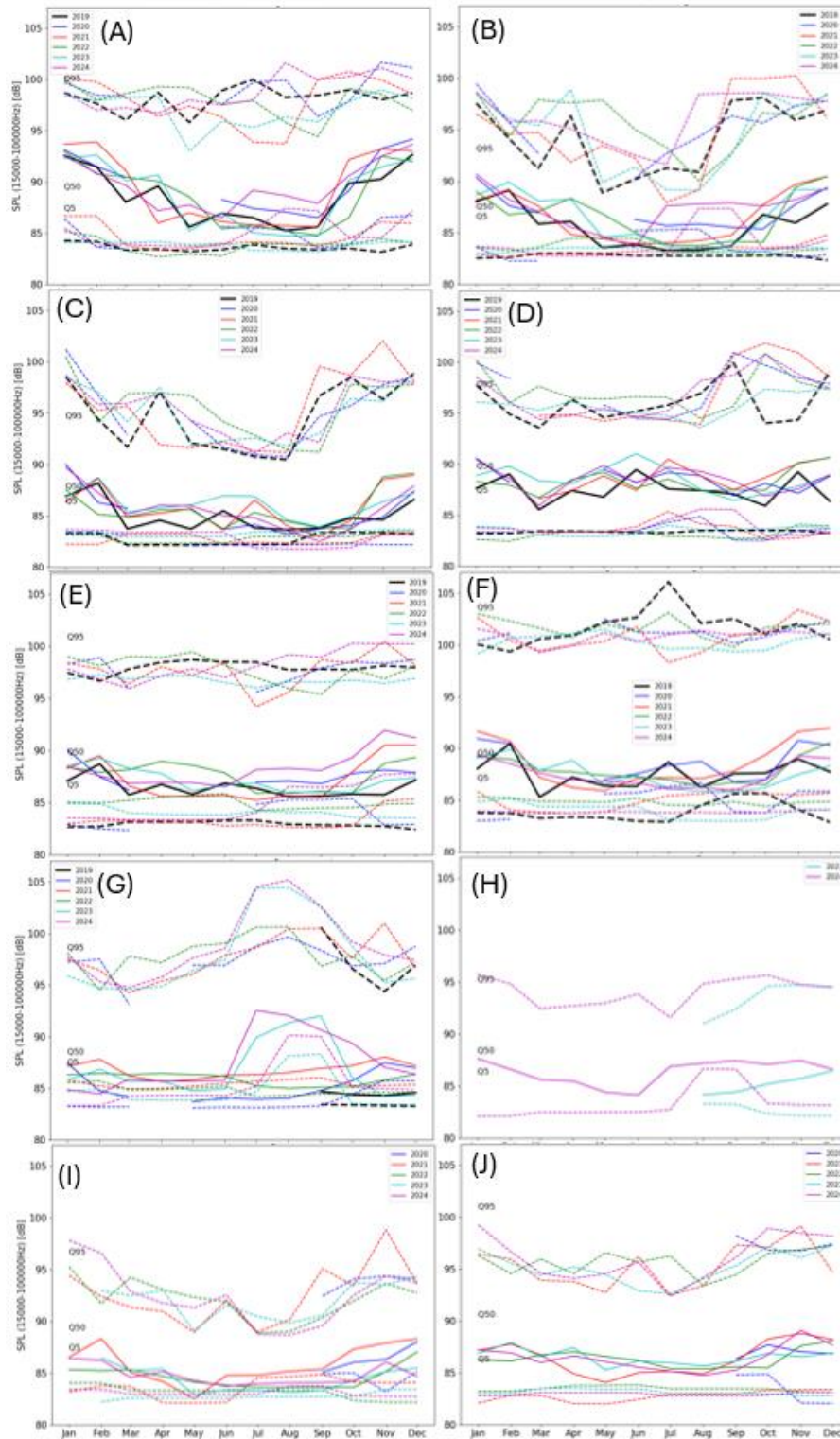


Figure 4: Monthly sound pressure levels (SPL) measured at Q₅, Q₅₀ (median) and Q₉₅ for the southern resident killer whale (SRKW) echolocation range (15000-100000 Hz) at (A) Swiftsure Bank, (B) Port Renfrew, (C) Jordan River, (D) Sooke, (E) Haro Strait, (F) Boundary Pass, (G) Swanson Channel, (H) Strait of Georgia South-east, (I) Strait of Georgia South, and (J) Strait of Georgia North.

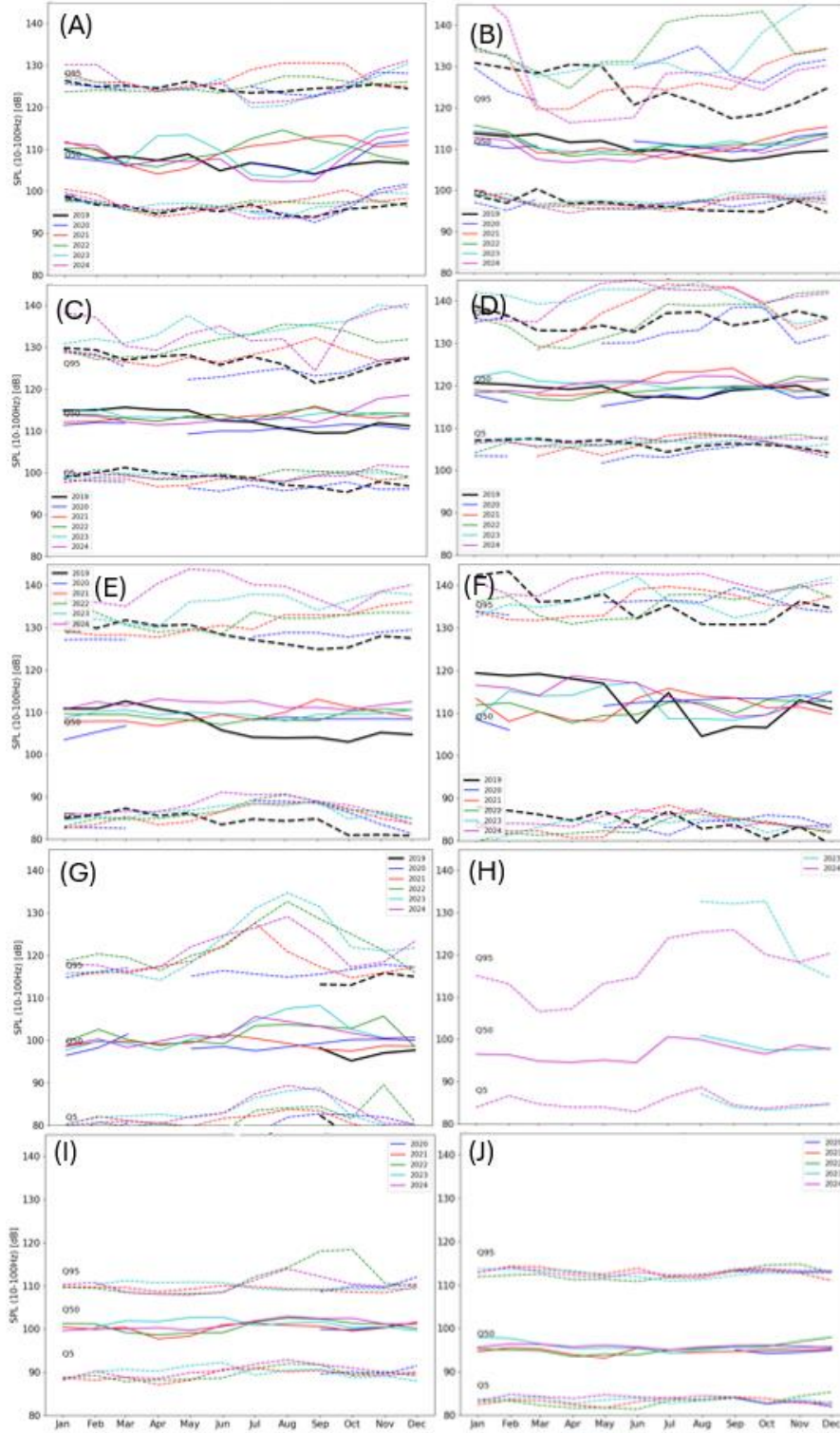


Figure 5: Monthly sound pressure levels (SPL) measured at Q₅, Q₅₀ (median) and Q₉₅ for the 10-100 Hz frequency range at (A) Swiftsure Bank, (B) Port Renfrew, (C) Jordan River, (D) Sooke, (E) Haro Strait, (F) Boundary Pass, (G) Swanson Channel, (H) Strait of Georgia South-east, (I) Strait of Georgia South, and (J) Strait of Georgia North.

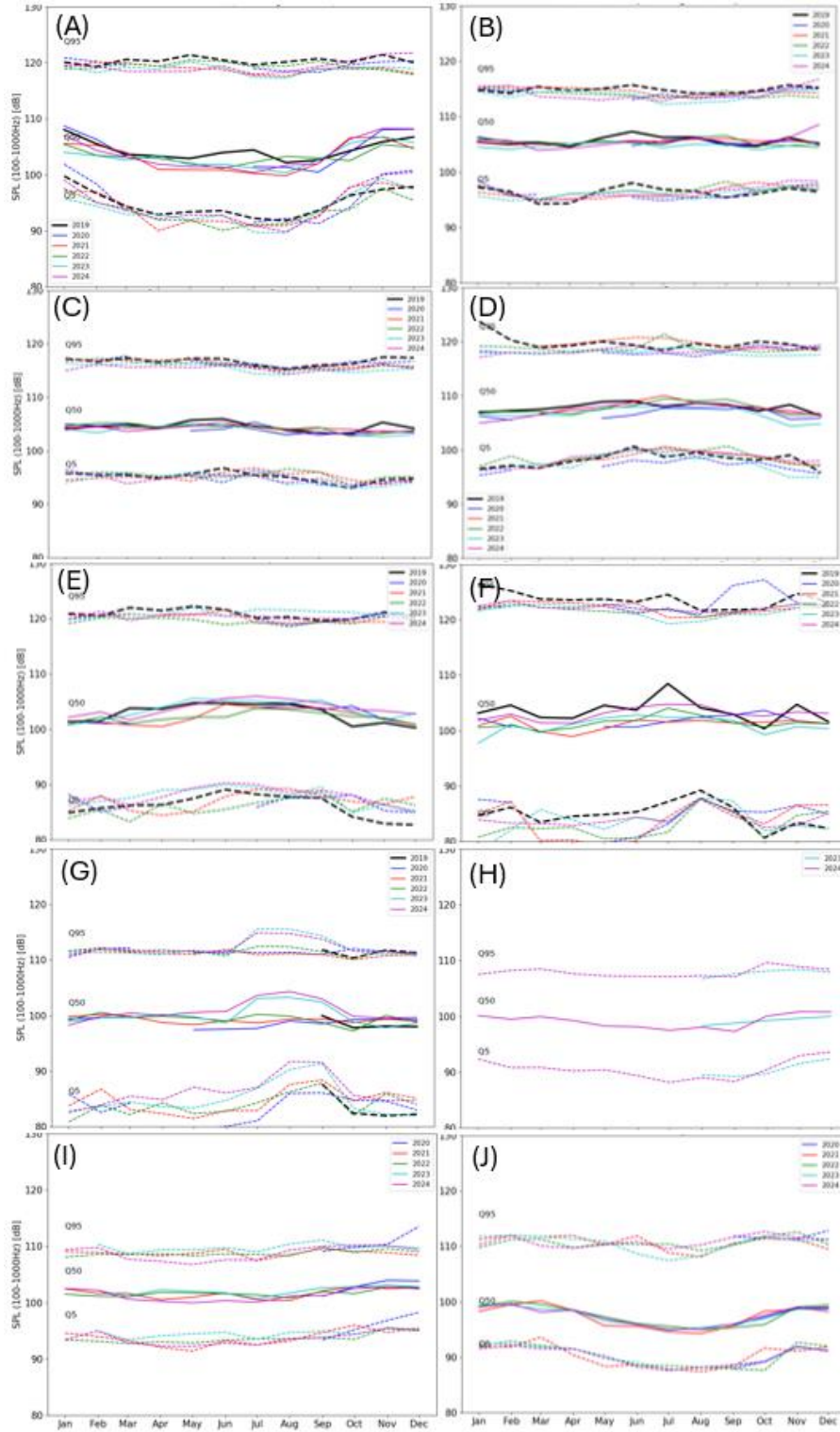


Figure 6: Monthly sound pressure levels (SPL) measured at Q5, Q50 (median) and Q95 for the 100-1000 Hz frequency range at (A) Swiftsure Bank, (B) Port Renfrew, (C) Jordan River, (D) Sooke, (E) Haro Strait, (F) Boundary Pass, (G) Swanson Channel, (H) Strait of Georgia South-east, (I) Strait of Georgia South, and (J) Strait of Georgia North.

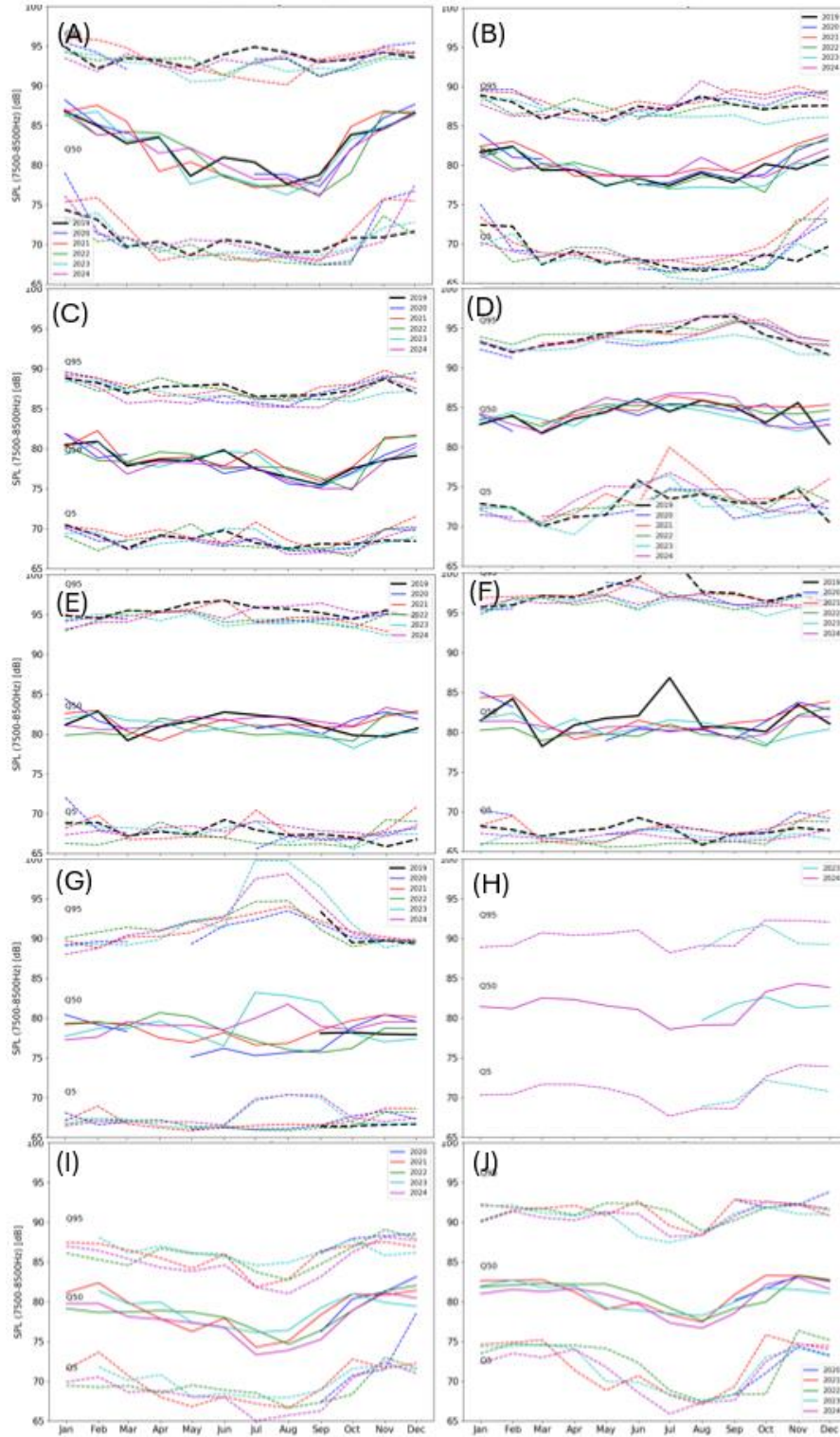


Figure 7: Monthly sound pressure levels (SPL) measured at Q₅, Q₅₀ (median) and Q₉₅ for the 7500-8500 Hz frequency range at (A) Swiftsure Bank, (B) Port Renfrew, (C) Jordan River, (D) Sooke, (E) Haro Strait, (F) Boundary Pass, (G) Swanson Channel, (H) Strait of Georgia South-east, (I) Strait of Georgia South, and (J) Strait of Georgia North.

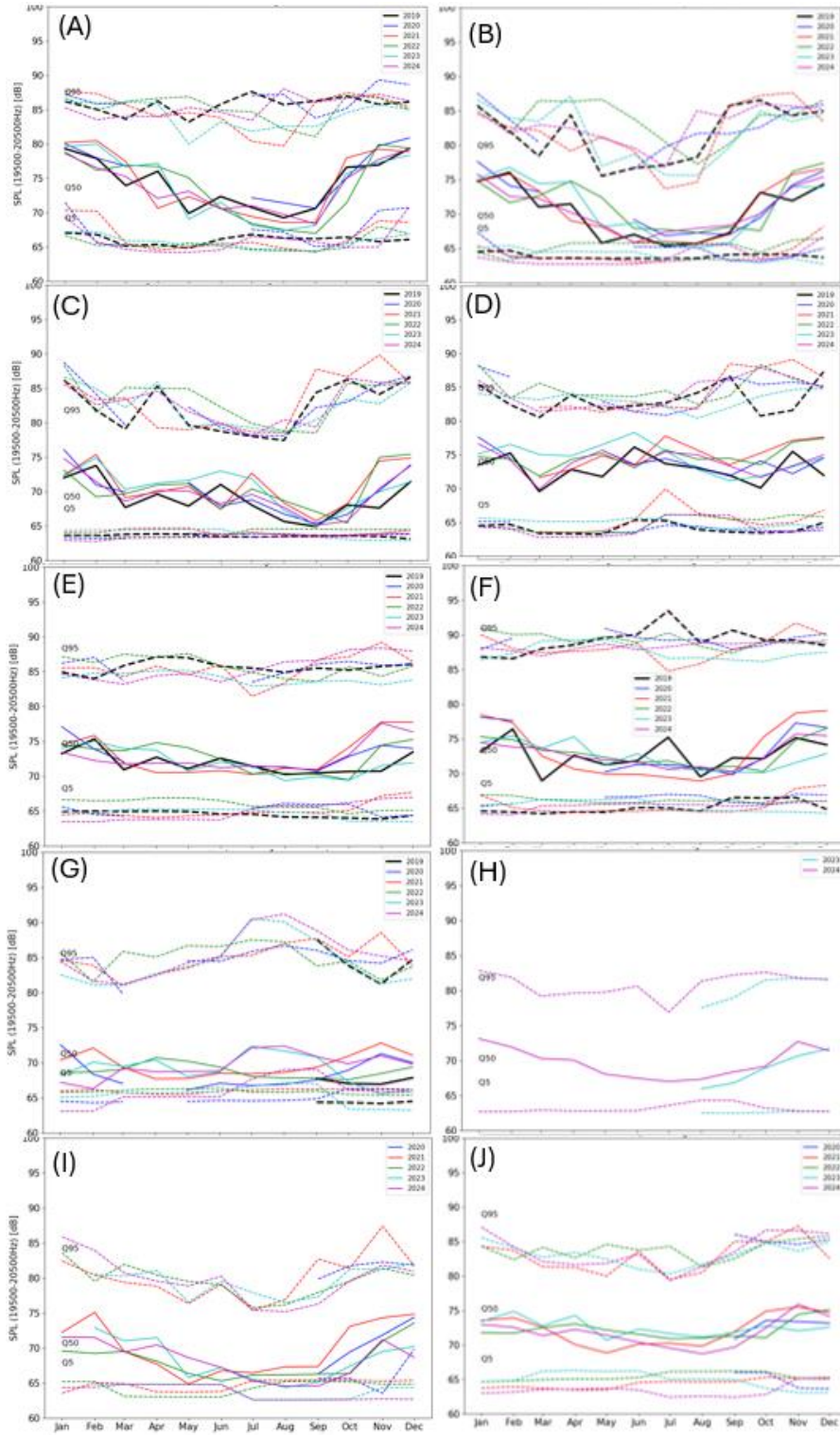


Figure 8: Monthly sound pressure levels (SPL) measured at Q₅, Q₅₀ (median) and Q₉₅ for the 19500-20500 Hz frequency range at (A) Swiftsure Bank, (B) Port Renfrew, (C) Jordan River, (D) Sooke, (E) Haro Strait, (F) Boundary Pass, (G) Swanson Channel, (H) Strait of Georgia South-east, (I) Strait of Georgia South, and (J) Strait of Georgia North.

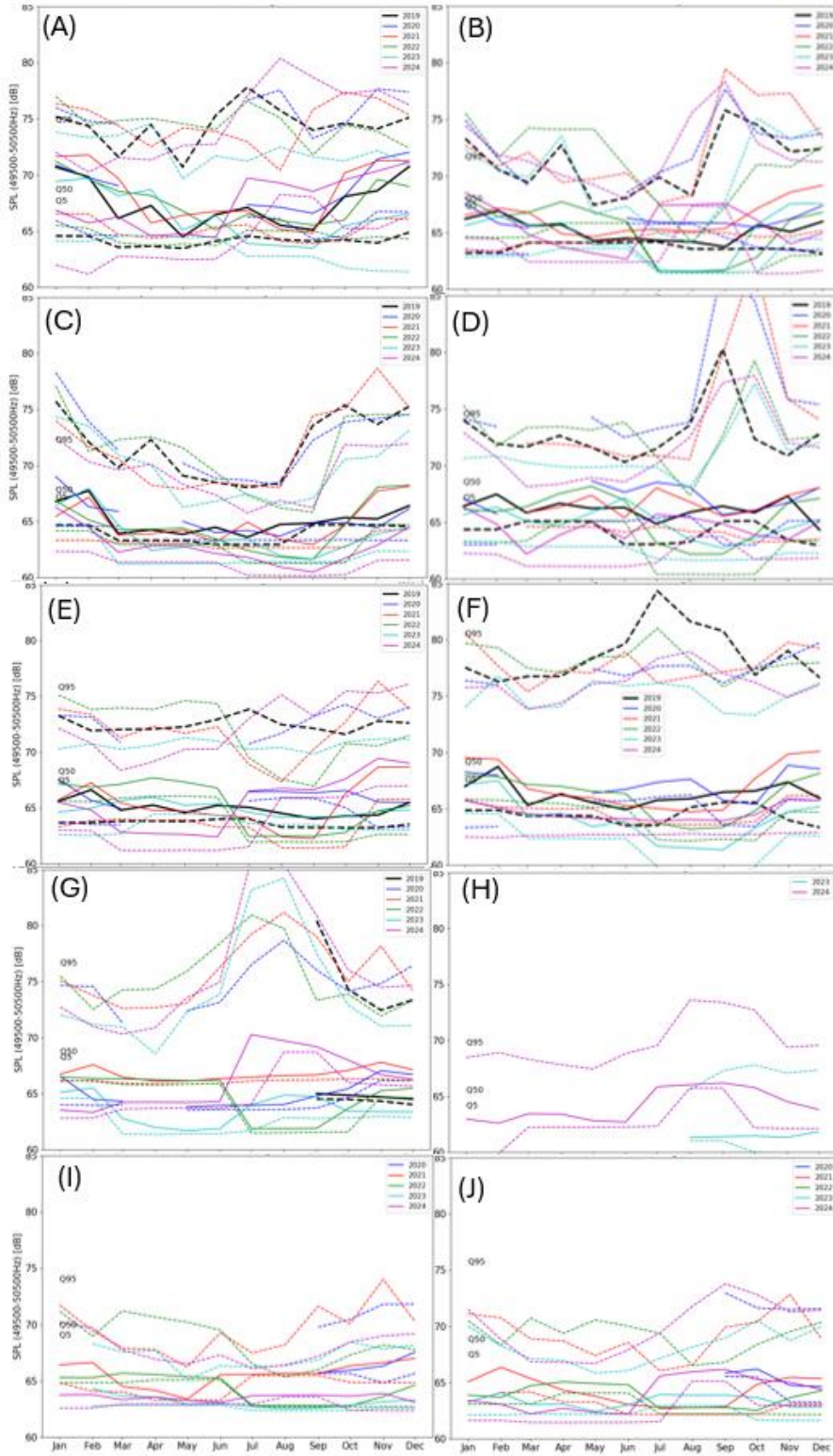


Figure 9: Monthly sound pressure levels (SPL) measured at Q₅, Q₅₀ (median) and Q₉₅ for the 49500-50500 Hz frequency range at (A) Swiftsure Bank, (B) Port Renfrew, (C) Jordan River, (D) Sooke, (E) Haro Strait, (F) Boundary Pass, (G) Swanson Channel, (H) Strait of Georgia South-east, (I) Strait of Georgia South, and (J) Strait of Georgia North.

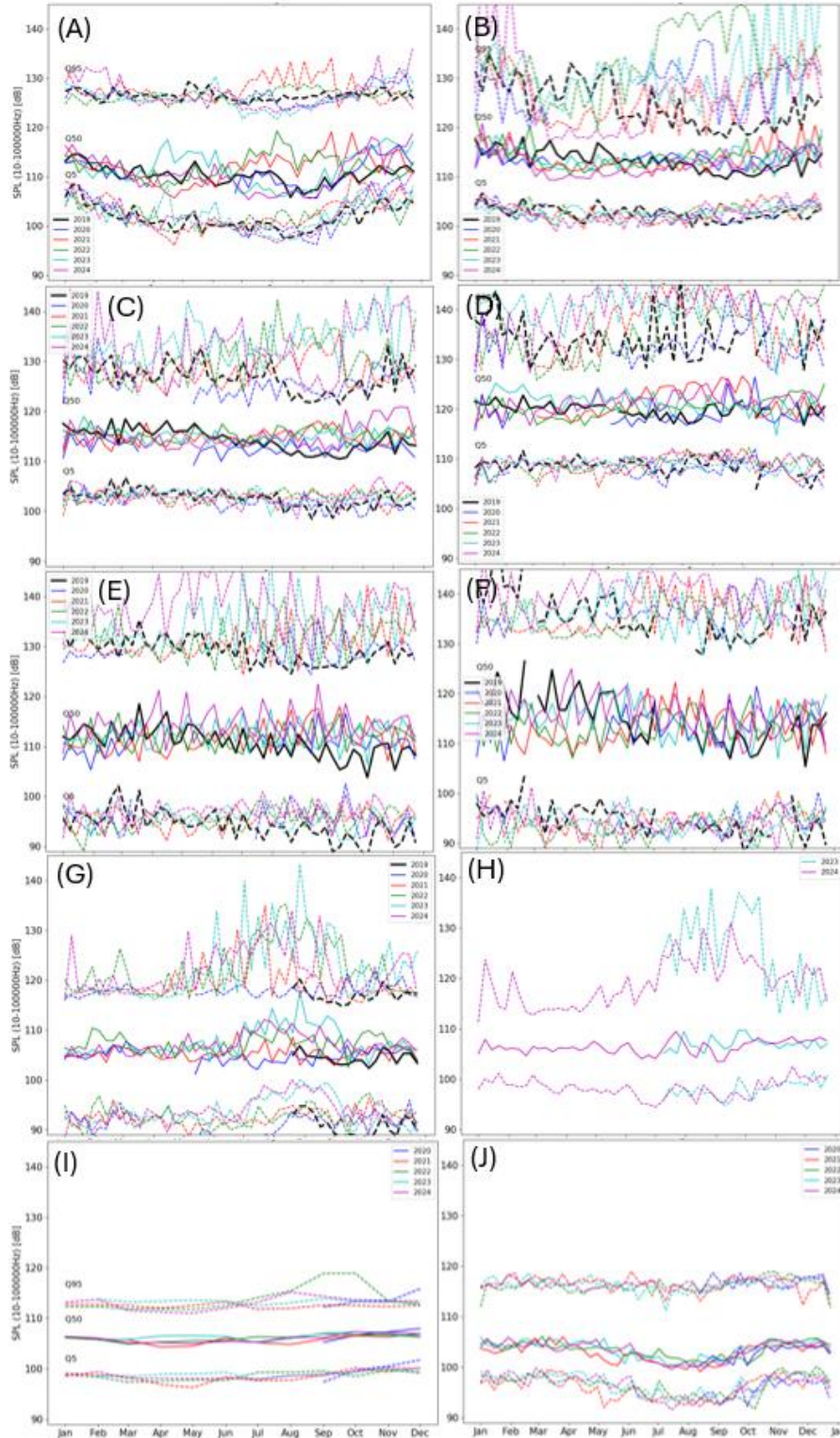


Figure 10: Weekly broadband (10-100,000 Hz) sound pressure levels (SPL) measured at Q₅, Q₅₀ (median) and Q₉₅ at (A) Swiftsure Bank, (B) Port Renfrew, (C) Jordan River, (D) Sooke, (E) Haro Strait, (F) Boundary Pass, (G) Swanson Channel, (H) Strait of Georgia South-east, (I) Strait of Georgia South, and (J) Strait of Georgia North.

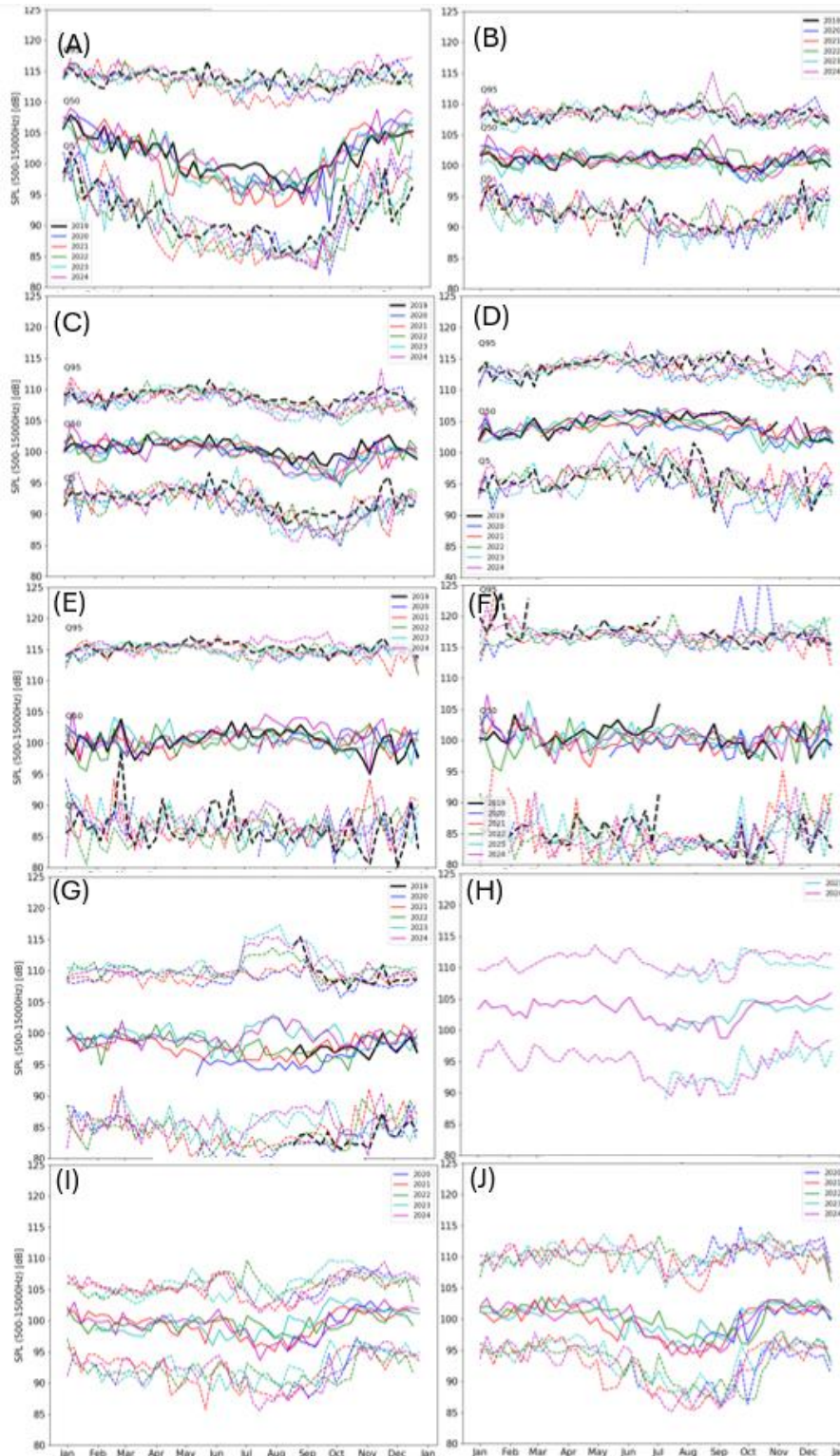


Figure 11: Weekly sound pressure levels (SPL) measured at Q₅, Q₅₀ (median) and Q₉₅ for the southern resident killer whale (SRKW) communication range (500–15000 Hz) at (A) Swiftsure Bank, (B) Port Renfrew, (C) Jordan River, (D) Sooke, (E) Haro Strait, (F) Boundary Pass, (G) Swanson Channel, (H) Strait of Georgia South-east, (I) Strait of Georgia South, and (J) Strait of Georgia North.

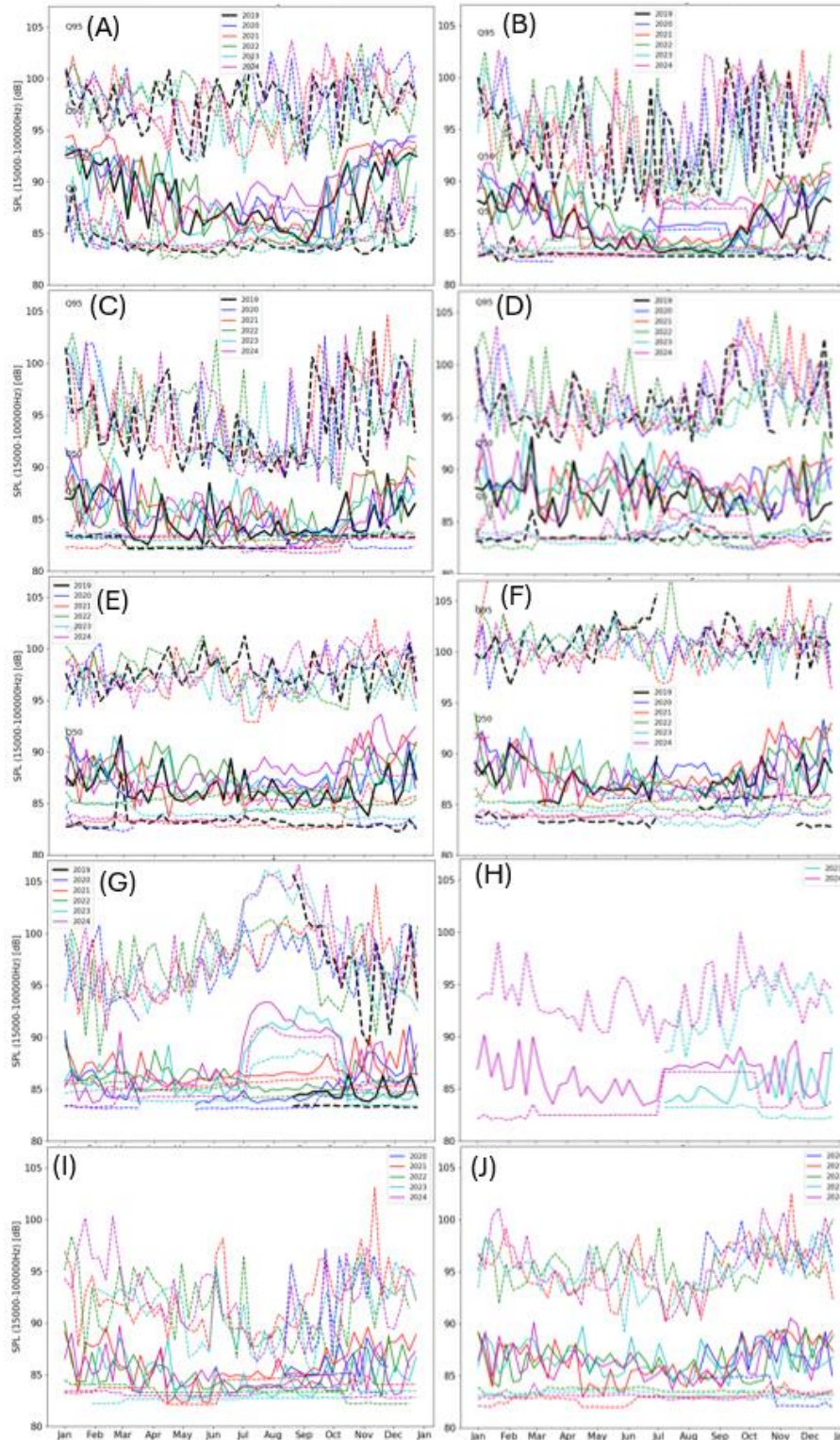


Figure 12: Weekly sound pressure levels (SPL) measured at Q₅, Q₅₀ (median) and Q₉₅ for the southern resident killer whale (SRKW) echolocation range (15000-100000 Hz) at (A) Swiftsure Bank, (B) Port Renfrew, (C) Jordan River, (D) Sooke, (E) Haro Strait, (F) Boundary Pass, (G) Swanson Channel, (H) Strait of Georgia South-east, (I) Strait of Georgia South, and (J) Strait of Georgia North.

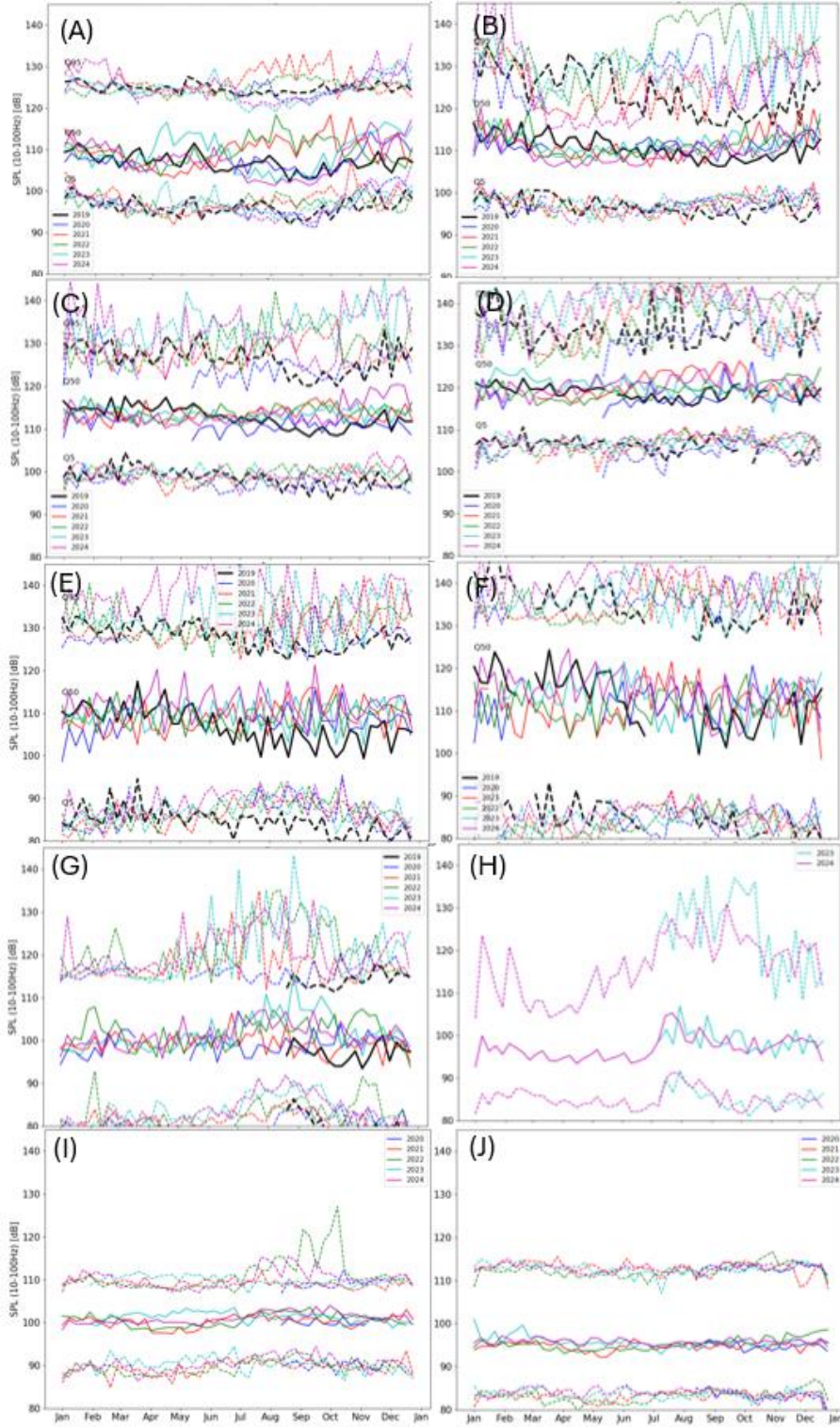


Figure 13: Weekly sound pressure levels (SPL) measured at Q₅, Q₅₀ (median) and Q₉₅ for the 10-100 Hz frequency range at (A) Swiftsure Bank, (B) Port Renfrew, (C) Jordan River, (D) Sooke, (E) Haro Strait, (F) Boundary Pass, (G) Swanson Channel, (H) Strait of Georgia South-east, (I) Strait of Georgia South, and (J) Strait of Georgia North.

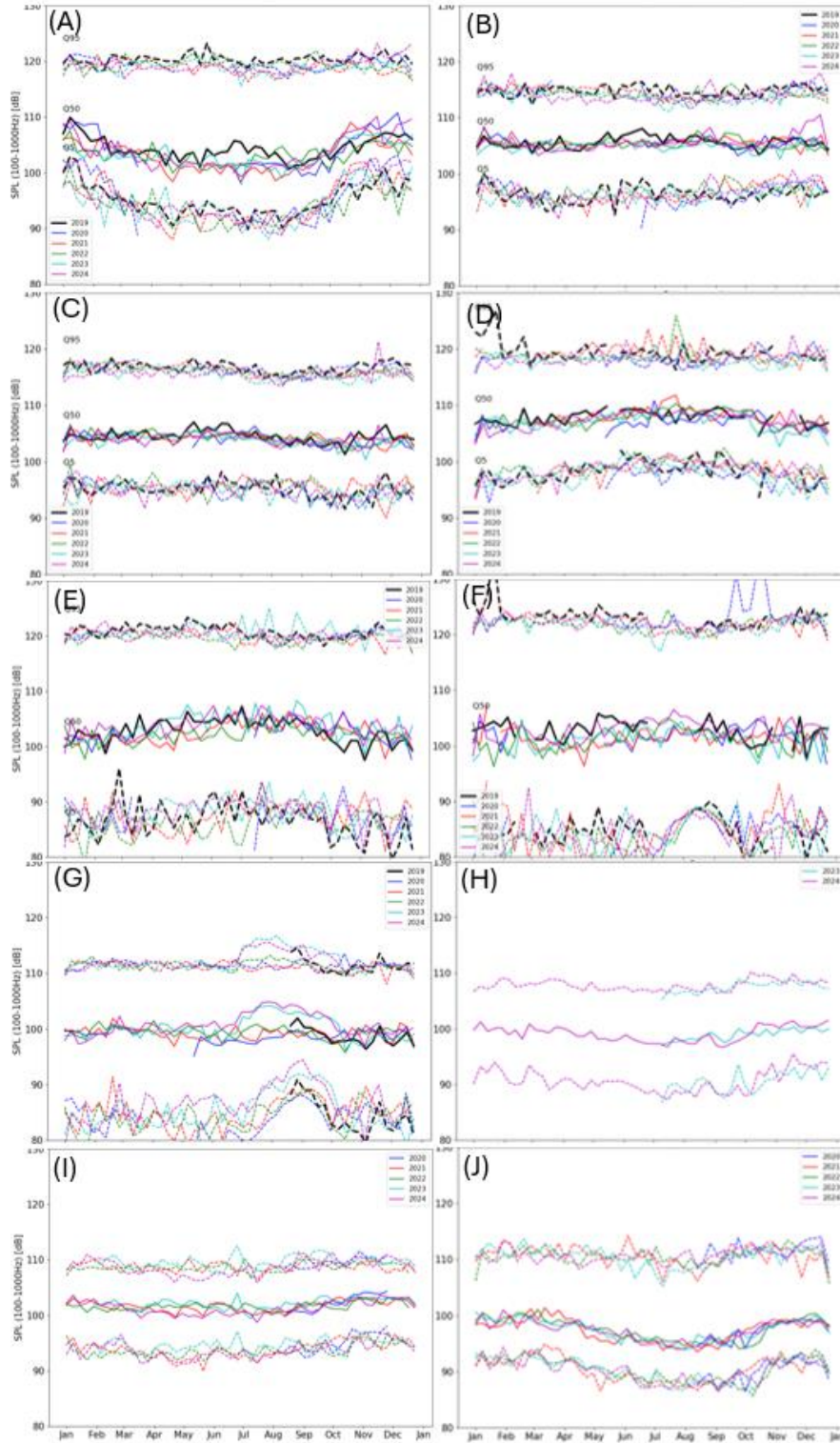


Figure 14: Weekly sound pressure levels (SPL) measured at Q₅, Q₅₀ (median) and Q₉₅ for the 100-1000 Hz frequency range at (A) Swiftsure Bank, (B) Port Renfrew, (C) Jordan River, (D) Sooke, (E) Haro Strait, (F) Boundary Pass, (G) Swanson Channel, (H) Strait of Georgia South-east, (I) Strait of Georgia South, and (J) Strait of Georgia North.

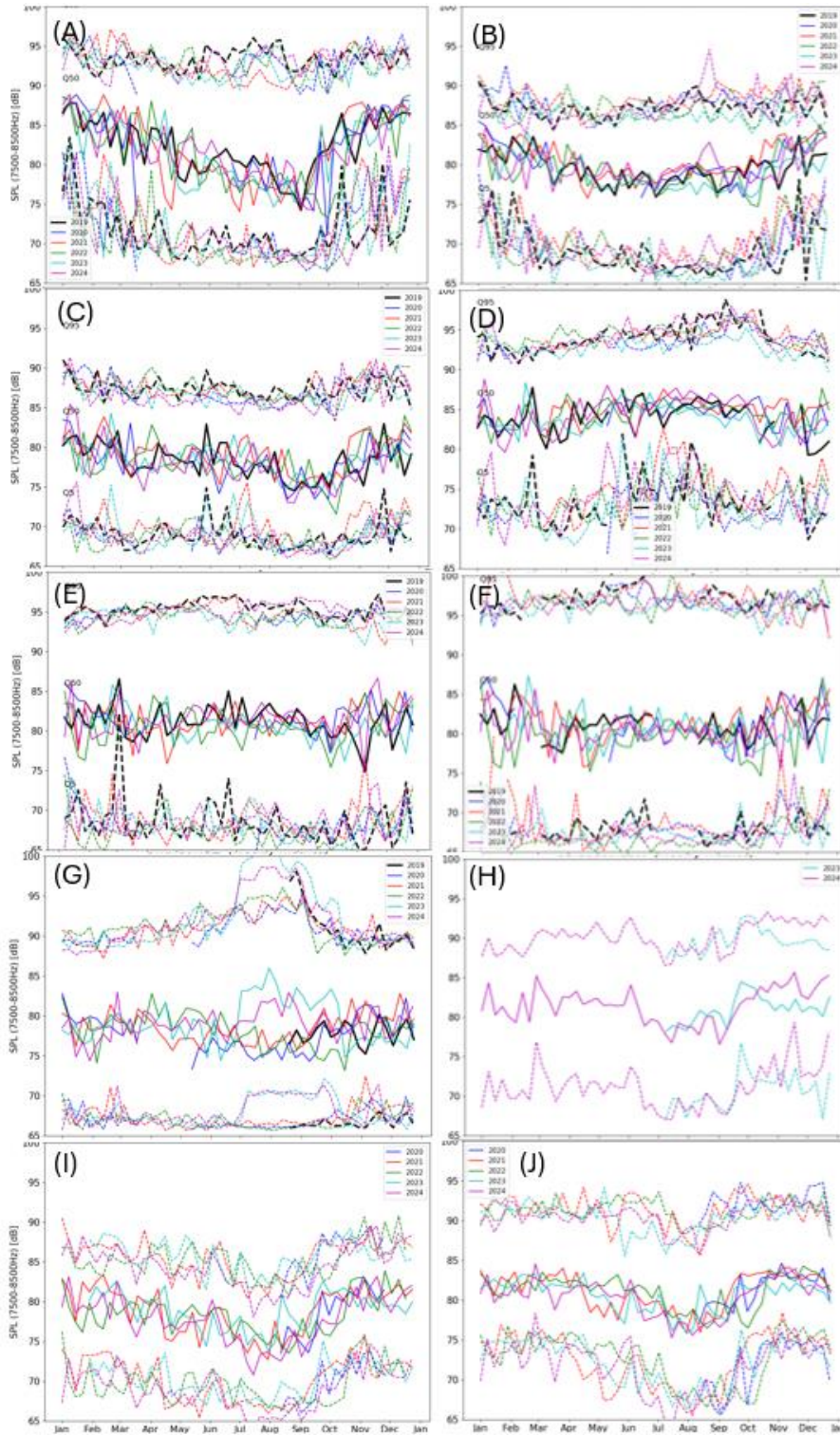


Figure 15: Weekly sound pressure levels (SPL) measured at Q5, Q₅₀ (median) and Q₉₅ for the 7500-8500 Hz frequency range at (A) Swiftsure Bank, (B) Port Renfrew, (C) Jordan River, (D) Sooke, (E) Haro Strait, (F) Boundary Pass, (G) Swanson Channel, (H) Strait of Georgia South-east, (I) Strait of Georgia South, and (J) Strait of Georgia North.

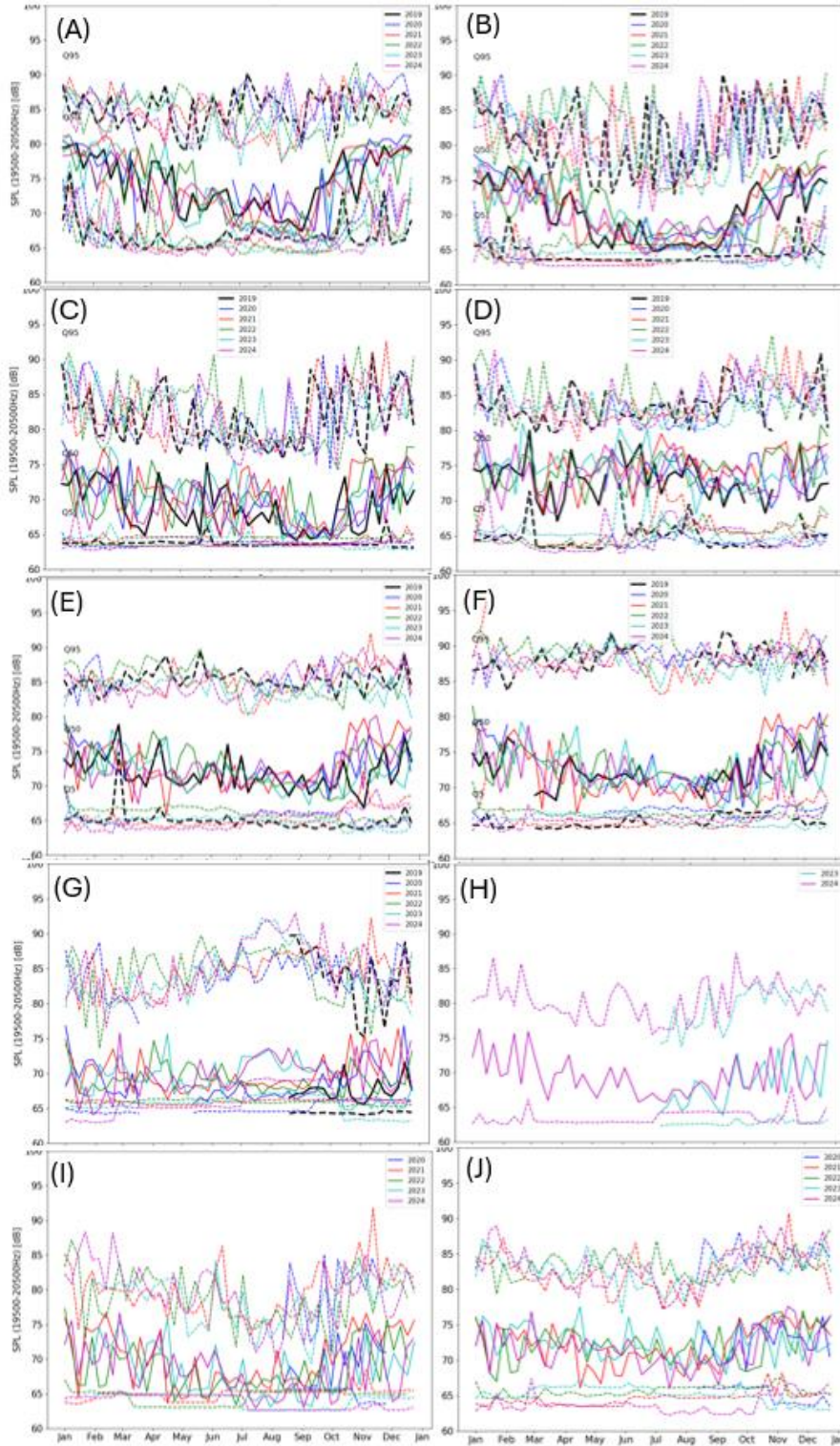


Figure 16: Weekly sound pressure levels (SPL) measured at Q₅, Q₅₀ (median) and Q₉₅ for the 19500-20500 Hz frequency range at (A) Swiftsure Bank, (B) Port Renfrew, (C) Jordan River, (D) Sooke, (E) Haro Strait, (F) Boundary Pass, (G) Swanson Channel, (H) Strait of Georgia South-east, (I) Strait of Georgia South, and (J) Strait of Georgia North.

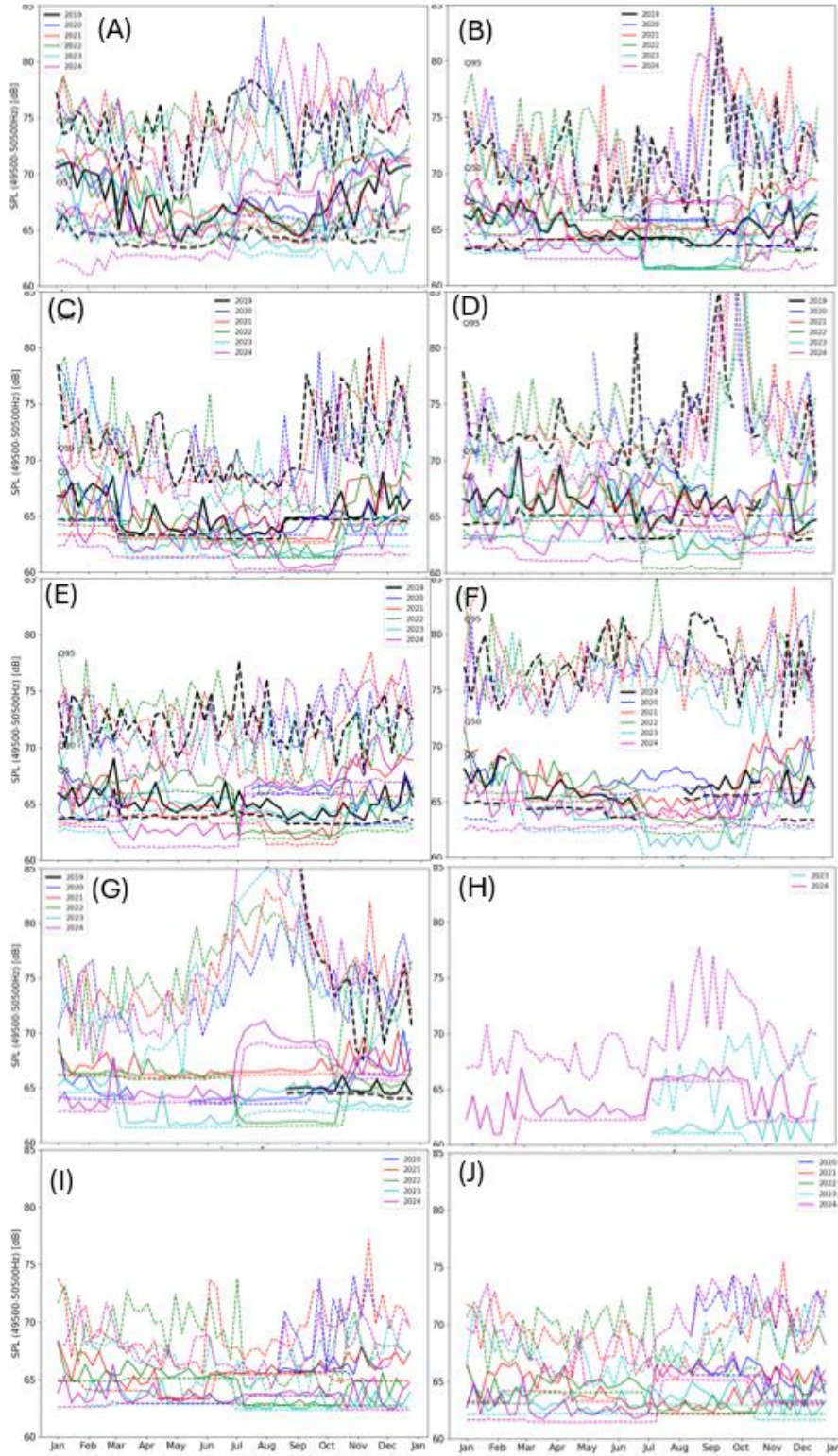


Figure 17: Weekly sound pressure levels (SPL) measured at Q₅, Q₅₀ (median) and Q₉₅ for the 49500-50500 Hz frequency range at (A) Swiftsure Bank, (B) Port Renfrew, (C) Jordan River, (D) Sooke, (E) Haro Strait, (F) Boundary Pass, (G) Swanson Channel, (H) Strait of Georgia South-east, (I) Strait of Georgia South, and (J) Strait of Georgia North.

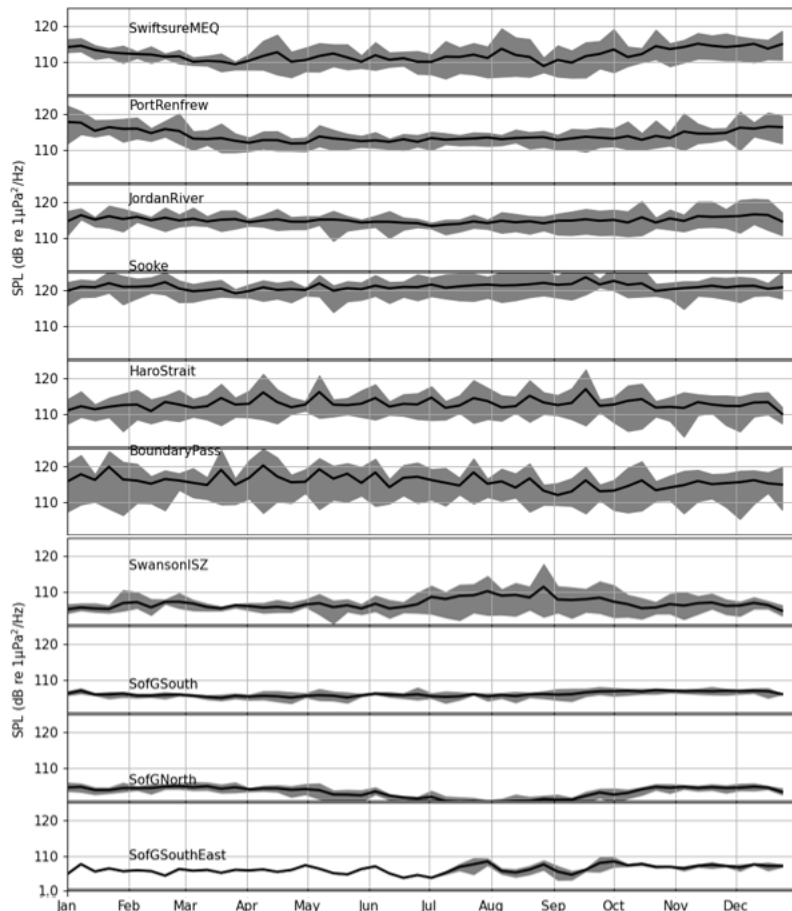


Figure 18: Monthly broadband (10-100,000 Hz) median sound pressure levels (SPL) at each of the mooring locations. The grey shading represents the minimum and maximum observed median levels of all six years (2019-2024), and the black line is the median of all years.

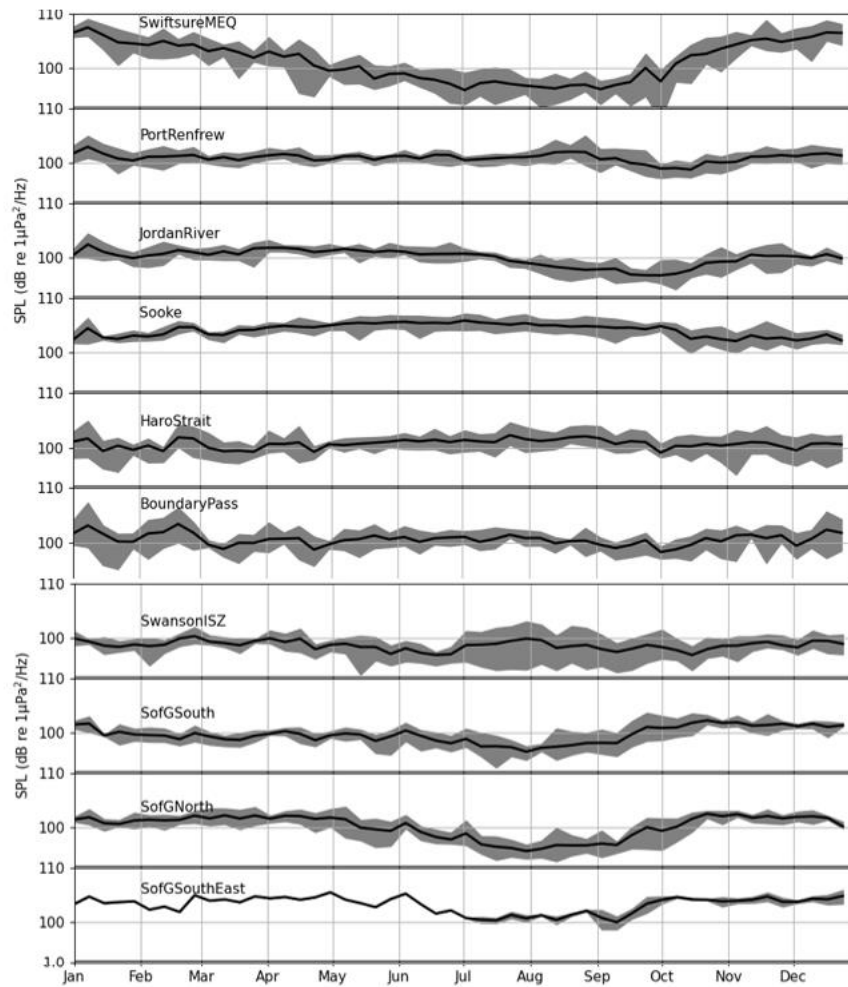


Figure 19: Monthly SRKW communication (500-15000 Hz) sound pressure levels (SPL) at each of the mooring locations. The grey shading represents the minimum and maximum observed median levels of all six years (2019-2024), and the black line is the median of all years.

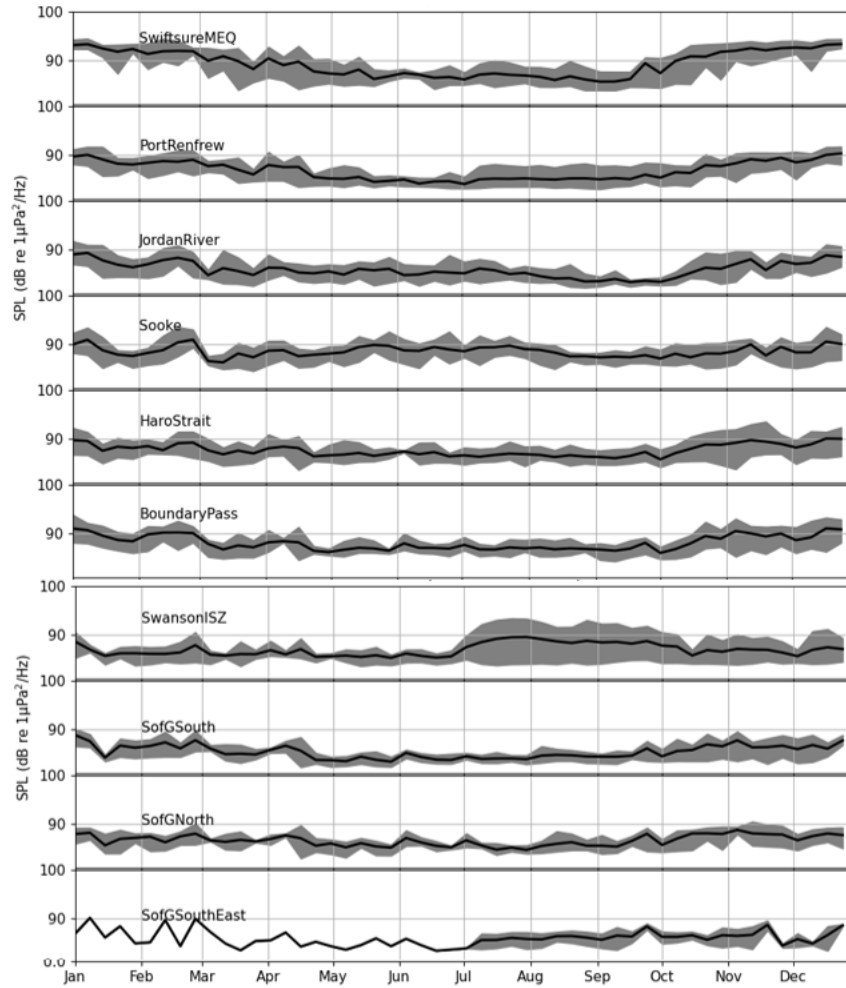


Figure 20: Monthly SRKW echolocation (15-100 kHz) sound pressure levels (SPL) at each of the mooring locations. The grey shading represents the minimum and maximum observed median levels of all six years (2019-2024), and the black line is the median of all years.

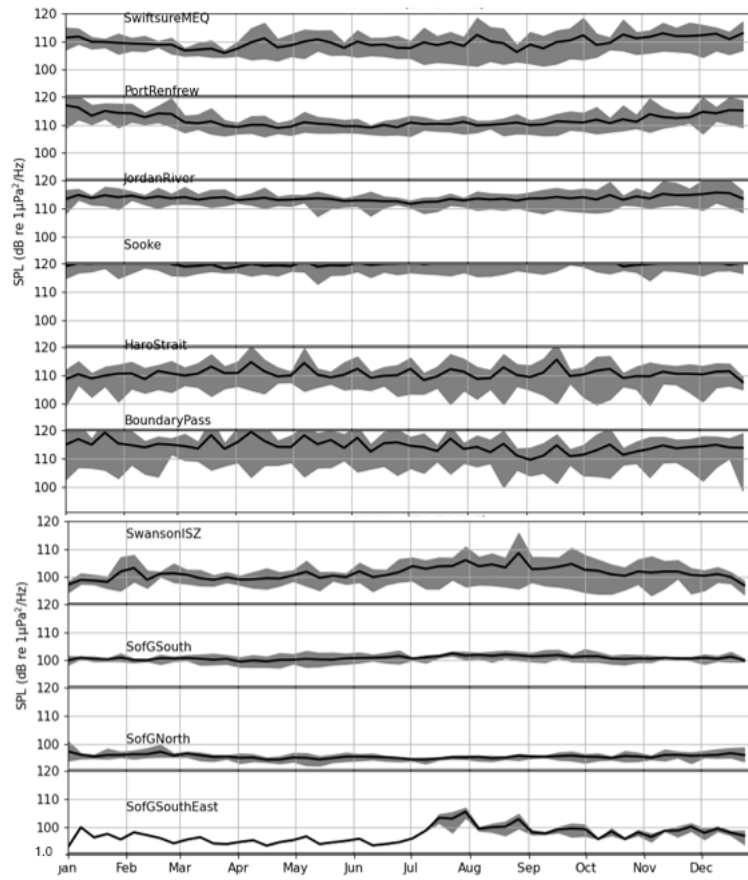


Figure 21: Monthly sound pressure levels (SPL) in the frequency range representing water turbulence (10-100 Hz) at each of the mooring locations. The grey shading represents the minimum and maximum observed median levels of all six years (2019-2024), and the black line is the median of all years.

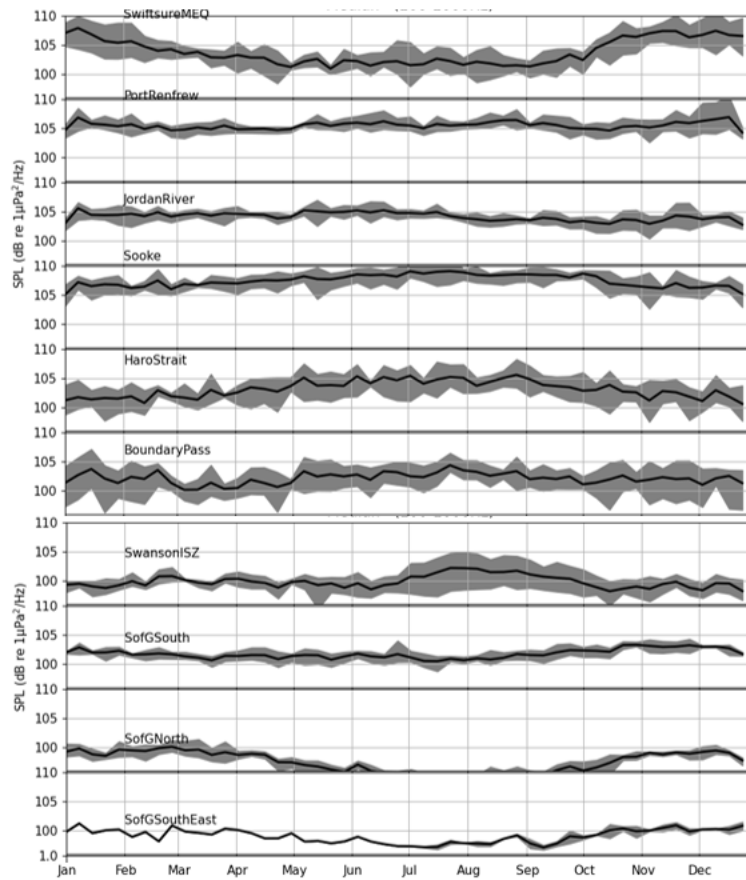


Figure 22: Monthly sound pressure levels (SPL) in the frequency range representing commercial vessel traffic (100-1000 Hz) at each of the mooring locations. The grey shading represents the minimum and maximum observed median levels of all six years (2019-2024), and the black line is the median of all years.

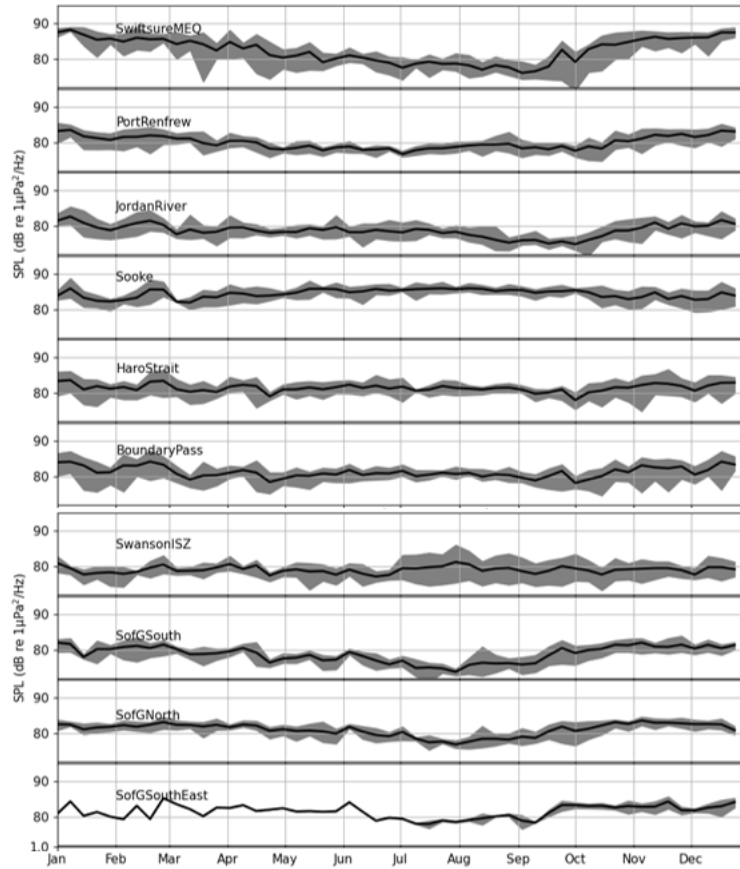


Figure 23: Monthly sound pressure levels (SPL) in the frequency range representing wind (7500-8500 Hz) at each of the mooring locations. The grey shading represents the minimum and maximum observed median levels of all six years (2019-2024), and the black line is the median of all years.

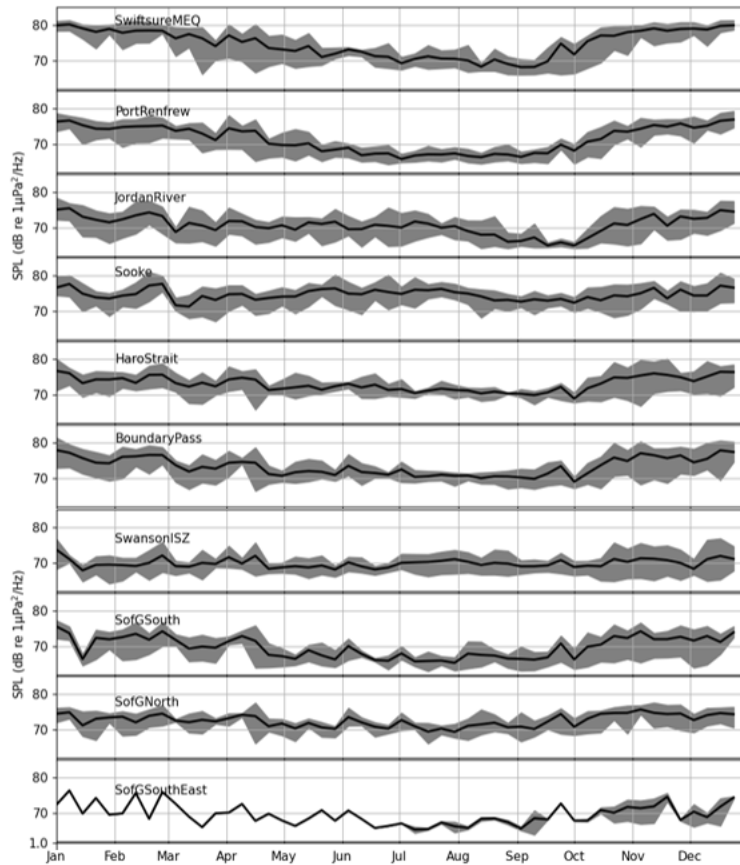


Figure 24: Monthly sound pressure levels (SPL) in the frequency range representing small vessels and precipitation (19500-20500 Hz) at each of the mooring locations. The grey shading represents the minimum and maximum observed median levels of all six years (2019-2024), and the black line is the median of all years.

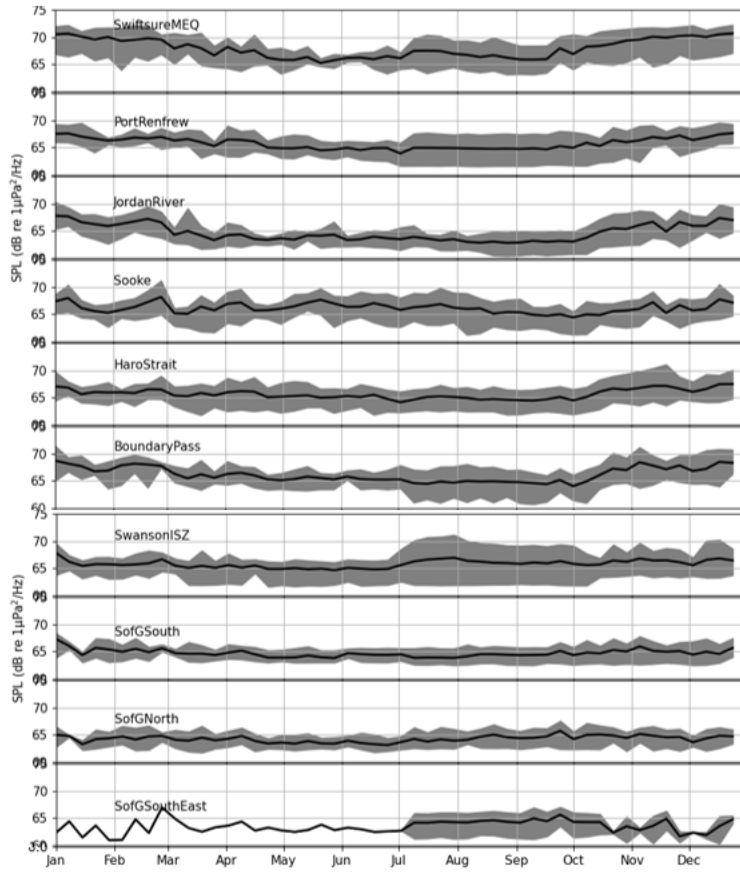


Figure 25: Monthly sound pressure levels (SPL) in the frequency range representing echosounders and recreational vessels (49500-50500 Hz) at each of the mooring locations. The grey shading represents the minimum and maximum observed median levels of all six years (2019-2024), and the black line is the median of all years.

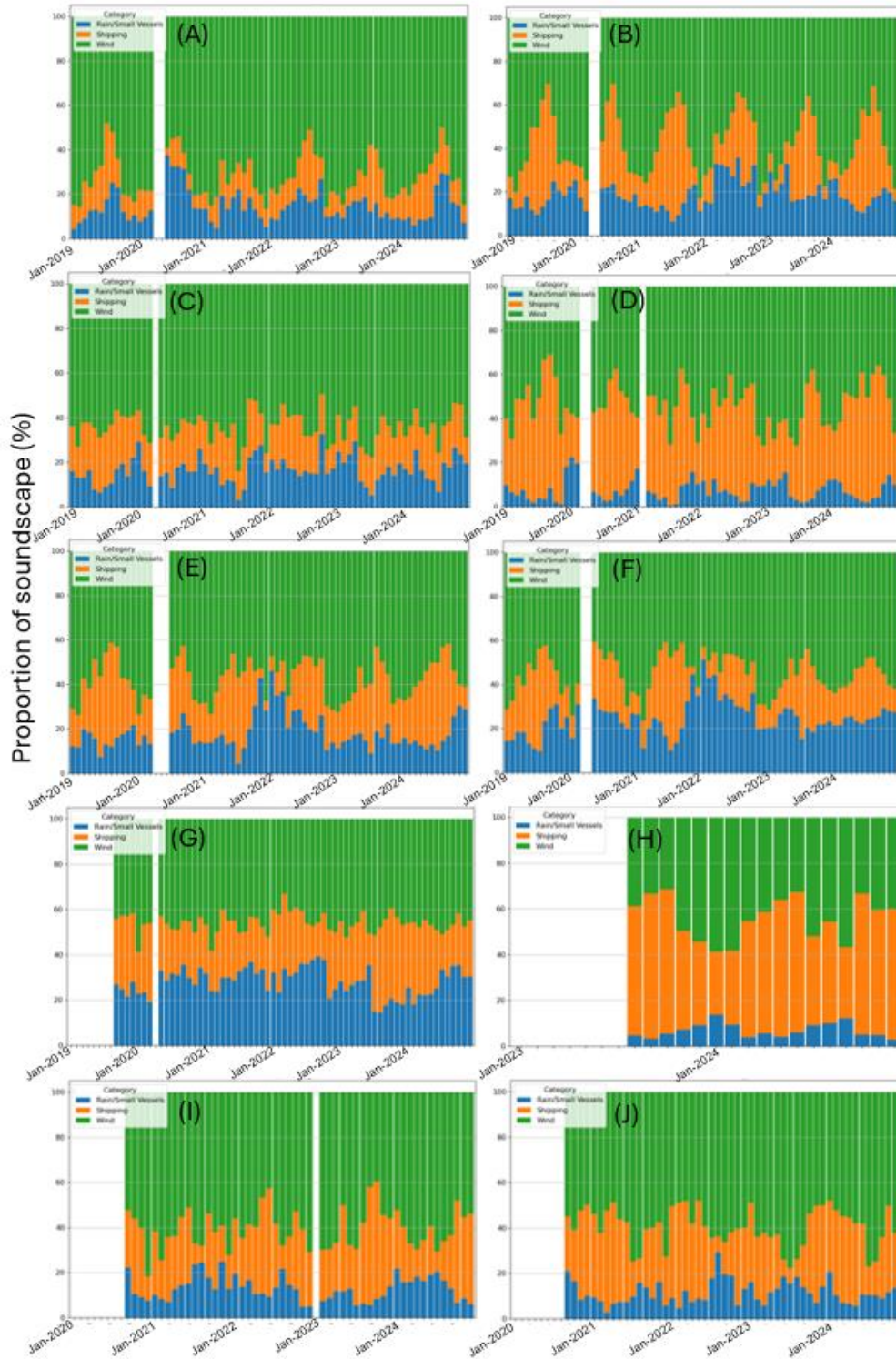


Figure 26: Contributions to the broadband (10-100,000 Hz) soundscape from the commercial vessels (orange), recreational vessels/precipitation (blue) and wind (green) made at (A) Swiftsure Bank, (B) Port Renfrew, (C) Jordan River, (D) Sooke, (E) Haro Strait, (F) Boundary Pass, (G) Swanson Channel, (H) Strait of Georgia South-east, (I) Strait of Georgia South, and (J) Strait of Georgia North, calculated monthly.

4. ACKNOWLEDGEMENTS

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6. APPENDIX

Table 1a. Swiftsure Bank monthly sound pressure levels (SPL) in decibels (dB). Mean (Avg) and standard deviation (Std), Q₅, Q₅₀ and Q₉₅ levels for broadband and SRKW echolocation and communication ranges are given.

Date	Avg 10-100000 Hz	Std 10-100000 Hz	Q5 10-100000 Hz	Q50 10-100000 Hz	Q95 10-100000 Hz	Avg 15000-100000 Hz	Std 15000-100000 Hz	Q5 15000-100000 Hz	Q50 15000-100000 Hz	Q95 15000-100000 Hz	Avg 500-15000 Hz	Std 500-15000 Hz	Q5 500-15000 Hz	Q50 500-15000 Hz	Q95 500-15000 Hz
2019-01-01	124.4	6.71	105.9	113.8	127.5	98.15	4.38	84.26	92.55	98.68	111.85	5.26	97.67	106.17	114.53
2019-02-01	124.25	7.15	103.4	111.5	126.4	97.22	4.45	84.17	91.46	97.63	110.93	5.78	94.93	104.22	113.34
2019-03-01	124.99	7.8	101.5	110.8	126.8	98.31	4.91	83.33	88.04	96.01	111.78	6.9	91.95	102.8	114.52
2019-04-01	124.09	8.14	100	110.2	126.4	98.14	5.15	83.44	89.57	98.71	111.66	7.04	91.31	102.49	114.8
2019-05-01	124.17	8.54	100.5	111	127.9	99.63	4.85	83.21	85.59	95.79	111.94	7.84	88.19	98.57	114.79
2019-06-01	123.47	8.07	100.1	108.8	126	100.7	5.13	83.38	86.91	98.89	110.83	7.29	89.83	99.49	113.64
2019-07-01	122.88	7.67	100.4	110.5	125.5	99.65	5.15	83.88	86.49	99.98	111.35	7.76	89.02	99.67	114.09
2019-08-01	124.2	8.52	98.32	108.9	125.8	101.8	5.19	83.49	85.25	98.24	112.58	8.42	85.98	96.86	113.54
2019-09-01	124.18	8.51	99.02	107.7	126.6	101.4	5.34	83.38	85.6	98.42	110.48	7.93	87.38	97.82	113.13
2019-10-01	123.89	7.52	101.9	109.7	126.4	98.51	4.93	83.5	89.84	98.96	110.07	6.7	90.51	101.62	112.59
2019-11-01	124.89	7.64	102.7	110.8	127.4	99.05	5.12	83.15	90.26	98.01	112.96	6.7	92.57	103.35	115.32
2019-12-01	123.66	6.78	104.3	111.4	126.1	97.26	4.68	83.89	92.65	98.66	110.96	6.14	93.46	105.11	114.06
2020-01-01	124.78	6.37	107	113.1	127.2	100.8	4.1	86.38	93.11	99.68	112.98	4.84	100.39	107.32	115.59
2020-02-01	124.03	6.99	104.3	111.3	126.5	98.08	4.89	83.64	91.49	98.45	111.52	5.97	95.52	104.59	114.6
2020-03-01	123.76	7.58	100.9	109.4	125.9	98.23	5.12	83.41	90.45	98.33	110.79	6.51	92.02	102.84	113.36
2020-04-01															
2020-05-01															
2020-06-01	140.87	16.31	99.74	108.6	148.6	100.4	4.54	85.62	88.26	97.53	110.99	7.97	86.54	98.82	113.5
2020-07-01	123.92	8.31	99.5	109.8	126.2	101.7	5.01	85.49	87.4	99.69	109.65	7.91	86.31	97.07	112.33
2020-08-01	121.44	7.87	99.54	108.7	125.1	98.57	5.03	85.4	87.07	99.95	108.95	8.12	85.52	97.23	112.75
2020-09-01	123.24	8.32	97.44	106.7	124.6	100.2	4.78	83.57	86.5	96.37	110.23	8.17	83.97	96.04	110.78
2020-10-01	123.83	7.81	100.6	109.5	125.8	97.79	5.08	83.83	89.15	97.84	110.17	8.39	84.63	100.01	112.43
2020-11-01	125.04	7.1	106.5	114.3	129.3	99.34	4.55	86.51	93.23	101.7	110.98	5.79	95.71	104.52	114.12
2020-12-01	125.44	6.59	107.6	114.8	129	99.39	4.29	86.71	94.16	101.1	111.89	5.07	99.02	106.76	115.55
2021-01-01	125.04	7.11	105.9	114	129.1	101.4	4.45	86.66	93.67	100.2	112.6	5.79	96.44	105.55	115.49

2021-02-01	124.84	6.97	105	112.5	127.4	101.1	4.28	86.66	93.88	99.74	112.98	5.7	96.63	105.99	115.74
2021-03-01	125.71	7.87	101.5	110	127.5	100.4	4.98	83.78	91.08	98.2	113.42	6.65	93.06	103.73	114.93
2021-04-01	124.9	8.61	97.82	107.2	125.6	98.48	5.12	83.33	85.97	96.37	111.16	8.48	85.82	98.49	113.35
2021-05-01	125.48	8.51	99.26	108	126.5	98.56	5.03	83.49	86.97	97.39	110.77	7.66	87.22	98.55	112.93
2021-06-01	123.5	8.35	100.2	110.7	126.6	98.51	4.66	83.95	86.12	96.33	109.73	7.81	85.87	96.7	111.71
2021-07-01	123.63	9.28	99.74	112.5	129.5	97.85	4.28	84.13	85.76	93.88	108.09	7.84	84.63	94.87	110.26
2021-08-01	124.82	9.25	100.6	112.8	130.9	98.16	4.08	84.03	85.73	93.72	107.39	7.61	85.19	94.67	110.08
2021-09-01	125.51	9.13	101.8	114.2	131.2	98.96	5.66	83.74	85.58	99.98	108.76	8.58	84.26	96.86	111.96
2021-10-01	125.36	7.61	105.7	115.1	130.9	99.8	5.11	84.43	92.17	100.7	110.09	7.08	89.88	102.46	112.63
2021-11-01	124.49	6.61	105.2	113.9	126.2	100.7	4.29	86.08	93.21	99.93	112.33	5.53	96.91	105.61	114.3
2021-12-01	124.38	6.68	105.4	113.2	126	98.82	3.94	85.92	93	98.58	111.58	5.32	96.97	105.05	113.91
2022-01-01	122.93	6.54	104.5	113.1	125.3	99.44	4.45	85.17	92.96	99.91	112.03	5.73	96.28	105.39	114.9
2022-02-01	122.83	7.07	103.3	112.2	125.7	97.51	4.62	84.68	90.77	98	111	6.53	92.54	102.78	114.28
2022-03-01	124.13	7.44	101.9	109.8	125.8	98.49	5.07	83.29	90.46	98.62	112.52	6.76	91.86	102.85	114.72
2022-04-01	123.06	7.71	100.2	109.1	125.6	103.9	5.66	82.69	90.05	99.28	110.45	7.47	88.8	102.27	113.78
2022-05-01	124.23	7.76	101.3	110	126.4	104.6	5.59	82.97	88.54	99.18	111.31	7.73	88.58	100.46	114.67
2022-06-01	122.5	7.73	100.2	110.7	125.4	102.9	5.18	82.79	85.41	97.56	109.93	8.25	85.52	96.68	112.79
2022-07-01	122.96	7.85	100.8	114.3	126.2	99.36	4.82	83.98	85.73	97.93	110.04	8.4	85.7	96.19	112.95
2022-08-01	123.24	8.57	101	116.2	128.1	97.98	4.48	83.91	85.22	95.8	109.84	8.72	85.36	97.47	113.93
2022-09-01	123.24	8.5	101.5	113.9	128.1	97.89	4.4	83.89	84.78	94.4	110.99	8.47	85.64	97.31	113.95
2022-10-01	123.28	7.98	101.5	112.7	127.2	96.04	5.3	83.93	86.48	99.09	109.85	8.09	86.16	98.66	113.41
2022-11-01	123.62	6.92	104.7	111.8	126.6	97.32	4.32	84.41	92.49	98.57	112.35	6.13	93.11	104.26	113.36
2022-12-01	123.92	7.46	102.6	111.1	126.9	96.67	4.38	84.07	91.99	96.97	110.15	6.23	93.07	104.99	113.1
2023-01-01	124.08	7.62	103.6	112.2	128.2	98.59	4.64	84.06	92.27	98.36	111.28	6.13	93.97	104.34	114.54
2023-02-01	124.28	7.31	103.5	110.8	127	98.29	4.28	84.07	92.61	97.95	111.08	5.84	94.54	104.48	113.68
2023-03-01	123.57	7.76	101.2	109.8	126.2	96.68	4.87	84.06	90.09	98.22	110.61	6.67	92.02	102.53	114.43
2023-04-01	123.51	7.39	102.5	114.7	126	103.2	5	84.16	90.66	98.32	111.16	6.87	91.2	102.93	113.75
2023-05-01	123.22	7.53	101.8	114.6	125.8	101.1	4.43	83.86	85.2	92.98	110.96	8.06	86.84	97.74	113.71
2023-06-01	123.39	8.29	101	111.8	127.9	99.36	4.46	83.99	86.94	95.91	110.29	7.65	87.51	97.74	112.76
2023-07-01	120.48	7.48	98.4	107.5	122.7	97.12	4.48	83.3	85.02	95.31	110.4	8.23	86.45	96.52	113.12

2023-08-01	120.53	7.88	97.35	106.5	122.7	99.49	4.65	83.29	84.73	96.33	109.72	8.2	86.23	96.1	112.94
2023-09-01	121.53	7.64	100.3	108.6	124.8	95.63	4.85	83.13	84.69	95.86	109.75	8.1	86.65	98.57	113.21
2023-10-01	122.82	7.29	102.9	112.4	126.2	96.32	4.66	83.81	90.14	97.84	111.17	7.21	89.07	102.46	113.58
2023-11-01	124.62	7.02	106.4	116	128.2	97.99	4.56	84.1	91.43	98.97	111.5	6.14	94.16	104.72	113.77
2023-12-01	125.7	7.97	105.1	116.7	130.8	102.8	4.35	84.13	92.26	98.15	111.43	5.94	94.85	106.16	114.4
2024-01-01	125.37	7.42	106.5	114.4	130.8	98.06	3.91	85.47	92.53	98.7	112.06	5.09	98.35	107.22	114.68
2024-02-01	124.99	8.46	103.2	113	130.8	95.88	4.34	83.7	90.85	96.99	111.08	6.19	94.24	104.13	114.45
2024-03-01	123.58	7.79	101.4	109.8	126.8	96.68	4.75	83.91	89.65	97.22	112.17	6.68	93.29	103.88	114.92
2024-04-01	122.76	7.75	100.4	109.9	125.6	96.29	4.66	83.76	87.19	96.71	111.55	7.33	90.43	101.75	115.02
2024-05-01	123.38	7.76	101.3	109.6	125.7	99.76	4.65	83.7	87.74	97.99	111.02	7.06	90.15	100.74	113.75
2024-06-01	122.83	8.26	100.6	110.3	127.2	98.52	4.75	83.75	86.47	97.51	111.18	7.76	88.54	98.3	114.43
2024-07-01	122.21	7.99	98.06	106.3	123.6	98.85	4.32	85.31	89.17	97.97	110.26	7.85	86.78	95.8	112.57
2024-08-01	120.71	8.07	97.46	106.6	123.8	98.94	4.77	87.42	88.66	101.6	109.27	8.63	85.13	96.83	113.26
2024-09-01	121.7	8.09	98.65	106.5	124.8	102.1	4.69	87.17	87.89	99.95	110.63	8.63	85.09	97.13	113.87
2024-10-01	123.92	7.42	102.9	111.9	127	101.5	5.13	84.6	90.59	100.3	112.58	7.58	89.91	102.07	115.3
2024-11-01	125.95	7.57	105.3	115.3	130	99.69	5.05	84.54	92.47	101.1	112.68	6.57	94.94	105.26	116.54
2024-12-01	127.04	7.6	107.2	116.1	132	98.47	3.9	87.17	93.63	100.1	113.37	5.4	99.49	107.33	116.87

Table 1b: Swiftsure Bank monthly sound pressure levels (SPL) in decibels (dB). Mean (Avg) and standard deviation (Std), Q₅, Q₅₀ and Q₉₅ levels for water turbulence, echosounders and wind are given.

Date	Avg 10-100Hz	Std 10-100Hz	Q5 10-100Hz	Q50 10-100Hz	Q95 10-100Hz	Avg 49500-50500Hz	Std 49500-50500Hz	Q5 49500-50500Hz	Q50 49500-50500Hz	Q95 49500-50500Hz	Avg 7500-8500Hz	Std 7500-8500Hz	Q5 7500-8500Hz	Q50 7500-8500Hz	Q95 7500-8500Hz
2019-01-01	123.34	8.58	98.71	109.92	126.36	80.18	3.72	64.57	70.7	75.19	91.98	5.93	74.37	86.81	94.93
2019-02-01	123.37	8.82	96.76	107.83	124.94	81.46	3.76	64.56	69.83	74.35	90.97	6.01	73.13	84.97	92.18
2019-03-01	124	8.78	96.57	108.27	125.2	92.19	4	63.56	66.14	71.61	91.19	7.28	69.68	82.74	93.49
2019-04-01	122.95	9.25	94.56	107.34	124.61	83.65	4.15	63.66	67.27	74.48	91.76	7.03	70.39	83.5	93.18
2019-05-01	122.85	9.44	96	108.85	126.2	92.39	4.42	63.47	64.48	70.71	90.96	7.27	68.64	78.62	92.27
2019-06-01	122.12	8.89	95.19	104.9	124.08	80.62	4.34	64.1	66.46	75.29	91.93	7.02	70.6	80.97	93.93
2019-07-01	121.32	8.15	96.91	106.76	123.47	81.37	4.82	64.56	67.1	77.81	92.56	7.73	70.2	80.37	94.89
2019-08-01	122.61	9.2	94.19	105.73	123.76	95.03	5.06	64.25	65.52	75.74	91.74	8.07	68.98	77.64	94.22
2019-09-01	123.02	9.48	93.85	104.11	124.51	82.06	4.1	64.11	65.11	73.99	91.58	7.83	69.13	78.76	93.05
2019-10-01	122.73	8.88	95.71	106.26	124.84	83.59	3.85	64.2	68.08	74.62	91.31	6.76	70.81	83.81	93.29
2019-11-01	123.47	8.99	96.28	107.1	125.51	85.16	4.28	63.95	68.6	74.11	93.29	6.97	70.9	84.57	94.21
2019-12-01	122.53	8.46	97.2	106.65	124.45	83.5	3.73	64.88	70.74	75.12	91.09	6.58	71.63	86.6	93.58
2020-01-01	123.7	8.3	98.93	108	125.64	87.63	3.6	65.93	70.89	75.99	93.51	5.18	79.02	88.22	95.47
2020-02-01	122.83	8.51	97.12	107.32	124.91	82.41	4.09	64.7	69.76	74.8	91.95	6.81	71.59	85.11	94.19
2020-03-01	122.61	8.64	95.9	106.24	124.16	81.91	4.08	64.59	69.04	74.52	91.34	7.18	69.45	84.03	92.08
2020-04-01															
2020-05-01															
2020-06-01	138.97	16.41	95.4	106.38	146.4	91.89	4.88	66.52	68.35	73.53	90.89	7.69	67.37	78.48	90.23
2020-07-01	122.85	9.24	95.18	106.79	124.98	97.17	5.36	66.24	67.35	76.65	91.55	7.45	68.89	78.87	93.35
2020-08-01	120.1	8.67	94.9	105.55	123.24	91.33	5.33	66.12	67.13	77.56	90.07	7.72	68.27	78.82	93.37
2020-09-01	121.82	9.21	92.6	103.96	122.71	97.49	4.48	64.29	66.58	73.24	89.12	7.72	67.43	77.29	91.15
2020-10-01	122.67	8.82	95.41	106.12	124.07	85.09	4.43	64.56	68.11	74.5	89.96	7.94	67.58	81.96	92.33
2020-11-01	124.19	8.7	100.42	111.41	128.41	82.93	3.85	66.74	71.41	77.67	91.93	5.85	75.64	85.91	94.96
2020-12-01	124.67	8.1	101.72	111.99	128.11	82.06	3.65	66.71	72.02	77.39	92.36	5.63	76.72	87.65	95.42
2021-01-01	124.19	8.37	100.43	111.85	128.14	86.39	3.94	66.55	71.65	76.37	93.69	6.15	75.35	86.73	95.95
2021-02-01	123.89	8.29	99.28	109.75	126	83.71	3.79	66.54	71.78	75.77	94.34	5.97	75.89	87.55	95.82

2021-03-01	124.77	9.05	95.79	106.31	125.99	81.79	4.02	64.71	69.7	74.4	94.89	7.01	72.35	85.5	94.79
2021-04-01	124.01	9.26	93.89	104.12	123.79	85.63	4.11	64.39	65.72	72.51	92	8.17	67.96	79.21	92.49
2021-05-01	124.7	9.49	94.66	105.45	125.12	79.59	4.21	64.52	66.41	74.19	91.73	7.35	68.68	80.39	92.29
2021-06-01	122.5	9.23	96.34	109.05	125.57	88.31	4.31	65.38	66.75	73.87	90.24	7.27	68.68	78.72	91.37
2021-07-01	122.97	10.23	96.17	110.76	128.99	87.97	4.12	65.57	66.78	72.96	88.82	7.24	67.83	77.17	90.69
2021-08-01	124.34	10.03	97.36	111.6	130.55	83.8	3.6	64.11	65.16	70.42	88.66	6.83	68.67	77.41	90.13
2021-09-01	124.99	9.92	98.58	112.97	130.63	90.37	4.73	63.89	64.82	75.79	90.11	8.33	67.83	78.01	93.32
2021-10-01	124.75	9	100.3	113.3	130.35	86.45	4.64	64.31	70.18	77.37	91.73	6.91	71.56	84.84	93.97
2021-11-01	123.48	8.63	97.44	110.62	125.01	87.67	3.82	66.15	71.25	76.84	93.16	5.91	75.75	86.82	94.77
2021-12-01	123.6	8.48	98.36	110.98	125.04	83	3.47	66.04	71.27	75.36	92.19	5.56	75.47	86.44	94.11
2022-01-01	121.67	8.2	97.66	110.33	123.72	84.54	3.99	65.51	71.22	76.98	92.31	6.1	73.44	86.51	94.27
2022-02-01	121.59	8.37	97.42	110.08	124.08	82.51	3.99	65.24	69.62	74.45	90.92	6.91	70.36	83.78	93.21
2022-03-01	123.09	8.64	95.53	106.71	123.95	78.35	4.05	64	68.55	74.84	92.19	6.94	70.83	84.19	93.57
2022-04-01	121.86	8.71	94.95	105.82	123.83	82.35	4.25	63.7	68.16	75.04	90.89	7.52	69.05	84.05	93.43
2022-05-01	123.17	8.5	96.45	107.85	124.39	83.99	4.32	63.86	66.8	74.57	91.43	7.34	70.02	82.04	93.5
2022-06-01	121.05	8.26	96.4	108.93	123.45	85.24	4.37	63.72	65.11	74.04	90.42	7.42	68.1	78.56	91.31
2022-07-01	121.76	8.56	97.68	112.48	125.09	90.89	4.92	65.07	66.49	76.56	91.14	7.79	68.19	77.38	92.98
2022-08-01	122.28	9.52	97.49	114.59	127.41	89.81	4.57	65	65.94	75.09	89.83	8.08	67.71	77.48	93.53
2022-09-01	121.9	9.6	97.13	112.14	127.34	87.44	4.06	65.03	65.54	71.8	90.68	7.67	67.46	76.32	91.25
2022-10-01	122.29	8.99	97.36	111.04	126.18	81.58	4.21	64.28	66	74.41	89.39	7.97	67.94	79	92.42
2022-11-01	122.56	8.72	97.74	108.48	125.55	77.24	3.49	64.47	69.6	73.88	91.32	5.97	73.62	86.63	93.63
2022-12-01	123.19	9.21	96.43	107.11	126.13	77.43	3.43	64.3	68.97	72.39	91.06	6.86	71.21	86.72	94.29
2023-01-01	123.15	9.14	98.1	109.73	127.13	80.78	3.86	64.13	69.43	73.82	91.94	6.48	72.84	86.19	94.31
2023-02-01	123.48	8.81	97.15	107.92	126.02	78.25	3.46	64.1	69.71	73.33	92.15	5.98	74.02	86.75	93.87
2023-03-01	122.48	9.04	95.67	106.84	124.76	80.53	3.89	64.53	68.14	73.53	90.15	7.14	69.87	83.16	92.96
2023-04-01	122.4	8.76	96.91	113.19	124.9	83.96	4.02	64.65	68.69	74.59	90.79	7.33	69.45	83.68	92.77
2023-05-01	121.88	8.37	97.2	113.48	124.02	81.36	3.6	64.42	65.09	69.67	89.63	7.29	68.09	77.57	90.5
2023-06-01	122.08	9.29	96.41	109.72	126.83	86.26	3.97	64.48	66.37	71.7	90.11	6.88	68.96	78.81	90.75
2023-07-01	118.87	7.8	95.01	103.99	119.97	81.66	4.21	62.76	63.89	71.24	90.69	7.53	69.02	77.61	93.06
2023-08-01	118.95	8.38	93.52	103.35	120.4	94.37	4.88	62.8	63.7	72.48	89.44	7.29	68.84	76.26	91.78

2023-09-01	120.31	8.39	96.18	105.38	122.9	82.48	4.33	62.72	63.49	71.61	89.73	7.71	68.65	78.2	92.23
2023-10-01	121.54	8.95	96.58	109.54	124.9	87.15	3.87	61.72	65.48	71.24	89.45	6.81	69.54	83.23	91.91
2023-11-01	123.8	8.81	99.71	114.34	127.4	77.9	3.8	61.43	66.05	72.18	91.07	6.31	72.11	84.87	93.33
2023-12-01	125.06	9.6	99.47	115.24	130.43	75.84	3.64	61.39	66.56	70.96	90.56	6.21	72.76	86.24	93.47
2024-01-01	124.66	9.4	99.62	111.53	130.19	74.95	3.48	61.99	66.86	72.02	91.08	5.25	76.11	87.07	93.5
2024-02-01	124.34	9.92	97.82	110.85	130.22	75.08	3.68	61.17	65.72	70.26	89.35	6.19	71.28	83.78	91.79
2024-03-01	122.62	8.91	96.42	105.97	125.34	84.55	3.88	62.76	66.26	71.54	92.03	7.18	70.89	84.19	94.08
2024-04-01	121.64	8.84	95.53	107.32	124.26	78.48	3.8	62.65	64.57	71.33	90.92	7.38	69.62	81.5	92.75
2024-05-01	122.37	8.94	96.05	107.07	124.55	86.83	3.89	62.48	64.76	72.62	90.92	6.59	70.63	82.15	91.53
2024-06-01	121.56	9.28	95.9	107.72	125.91	85.08	4.18	62.51	64.41	72.74	92.12	7.14	70.31	80.06	93.36
2024-07-01	120.75	8.65	93.53	102.67	121.05	90.29	4.92	64.38	69.72	77.06	90.36	7.24	69.38	78.23	92.69
2024-08-01	119.32	8.63	93.57	102.22	121.41	86.06	4.46	68.27	69.29	80.39	90.2	7.97	68.47	78.34	94
2024-09-01	120.23	8.89	93.8	102.51	122.41	94.86	4.58	68.02	68.54	78.7	90.62	7.93	68.15	76.02	92.88
2024-10-01	122.66	8.85	96.89	108.53	125.43	86.84	4.45	65.25	69.57	77.22	91.21	7.45	69.27	82.08	93.56
2024-11-01	125.11	9.09	99.38	112.76	128.99	83.68	4.3	65.21	70.35	77.57	91.26	6.96	70.39	84.6	94.23
2024-12-01	126.33	9.13	101.15	113.9	131.13	81.02	3.53	66.42	71.14	76.26	91.14	5.26	77.51	86.52	94.06

Table 1c: Swiftsure Bank monthly sound pressure levels (SPL) in decibels (dB). Mean (Avg) and standard deviation (Std), Q₅, Q₅₀ and Q₉₅ levels for rain and commercial vessels are given.

Date	Avg 19500- 20500 Hz	Std 19500- 20500 Hz	Q5 19500- 20500 Hz	Q50 19500- 20500Hz	Q95 19500- 20500Hz	Avg 57- 71Hz	Std 57- 71Hz	Q5 57- 71Hz	Q50 57- 71Hz	Q95 57- 71Hz	Avg 113- 141Hz	Std 113- 141Hz	Q5 113- 141Hz	Q50 113- 141Hz	Q95 113- 141Hz
2019-01-01	84.28	5.43	67.04	79.32	86.2	116.04	8.95	89.33	99.39	118.39	109.8	7.81	87.33	96.4	112.62
2019-02-01	83.75	5.56	66.81	77.88	85.03	116.94	9.23	88.1	98.22	117.53	109.05	8.56	84.62	94.24	112.12
2019-03-01	83.31	6.48	65.13	73.94	83.62	116.11	9.33	87.42	98.65	117.94	110.8	9.31	83.8	93.88	113.67
2019-04-01	84.61	6.63	65.38	76.03	86.26	116.2	9.74	84.95	97.25	116.96	109.95	9.45	82.14	93.1	112.86
2019-05-01	83.18	6.22	64.82	69.89	83.2	115.46	9.73	86.19	97.11	117.5	110.95	9.46	83.43	94.53	113.93
2019-06-01	84.52	6.23	66.16	72.35	85.8	115.11	9.38	86.14	96.83	116.68	110.31	8.93	84.19	95.21	112.97
2019-07-01	85.13	6.4	66.82	70.76	87.62	113.92	8.83	87.34	96.93	115.7	109.48	8.81	84.12	95.93	112.12
2019-08-01	83.96	6.37	66.29	69.25	85.73	116.46	9.5	85.21	96.12	116.03	111.68	9.23	83.39	93.74	112.77
2019-09-01	84.58	6.83	66.18	70.61	86.28	116.25	9.73	85.54	96.24	117.15	110.71	9.12	84.24	93.74	113.48
2019-10-01	84.36	6.21	66.43	76.59	86.98	115.79	9.34	86.78	97.18	117.29	110.39	8.57	85.68	94.67	113.42
2019-11-01	85.72	6.4	65.78	76.93	85.79	116.47	9.29	87.8	98.65	118.01	112.19	8.58	86.99	96.23	114.51
2019-12-01	83.87	5.93	66.09	79.34	86.13	115.41	8.72	89.21	99.03	117.2	109.69	8.04	86.87	95.77	112.85
2020-01-01	85.98	4.76	71.47	80.03	87.22	116.8	8.54	90.53	99.85	118.03	109.53	7.6	88.41	96.48	112.96
2020-02-01	84.47	6.15	65.56	77.94	85.83	115.69	8.84	88.69	99.12	117.48	110.46	8.3	86.25	95.13	112.78
2020-03-01	84.72	6.68	65.07	76.79	85.89	116.25	9.1	87.49	98.01	117.08	109.4	9.05	82.67	92.94	112.34
2020-04-01															
2020-05-01															
2020-06-01	85.89	5.88	66.72	72.78	83.81	125.11	14.81	85.83	97.1	131.48	126.15	16.77	84.1	94.15	134.53
2020-07-01	86.18	6.26	67.57	72.18	87.08	115.21	9.48	84.83	95.08	115.44	109.79	8.89	83.31	93.49	111.79
2020-08-01	84.33	6.5	67.17	71.43	87.2	112.54	8.81	85.51	95.4	114.22	107.69	8.53	83.62	92.84	110.86
2020-09-01	82.89	6.42	65.04	70.64	83.79	114.5	9.68	83.55	95.09	115.14	111	9.03	82.18	91.65	111.33
2020-10-01	83.34	6.79	65.45	75.05	85.17	115.37	9.26	86.94	97.15	116.89	110.85	8.5	85.32	94.44	112.75
2020-11-01	85.89	5.46	70.29	79.7	89.33	116.68	8.81	91.5	101.77	120.1	109.74	7.4	88.83	97.09	112.63
2020-12-01	85.93	5.16	70.73	80.89	88.64	116.57	8.24	92.16	101.98	119.21	109.14	7.47	87.97	96.41	112.26

2021-01-01	87.26	5.34	70.35	80.2	87.69	115.62	8.46	90.96	101.49	118.87	109.02	8.1	85.85	94.25	111.73
2021-02-01	87.33	5.22	70.22	80.47	87.32	115.96	8.57	90.12	99.78	117.75	109.05	8.22	85.46	94.1	112.25
2021-03-01	86.93	6.41	65.52	77.44	85.71	117.52	9.39	87.17	98.03	118.23	110.88	8.78	84.16	94.28	113.08
2021-04-01	84.34	7	64.53	70.64	83.95	116.8	9.71	84.93	95.78	116.28	110.58	9.56	81.52	92.16	112.39
2021-05-01	84.06	6.52	64.95	72.32	84.57	117.75	9.69	85.81	96.31	117.29	110.57	9.19	82.88	92.37	112.39
2021-06-01	83.49	6.29	65.38	70.63	83.84	114.75	8.92	86.73	97.24	115.47	109.39	8.84	83.77	92.53	111.77
2021-07-01	81.57	5.49	65.68	69.43	80.38	112.78	8.82	85.85	96.43	114.54	108.02	8.67	82.85	92.33	110.49
2021-08-01	80.33	5.44	64.81	68.54	79.72	112.52	8.96	85.66	95.86	114.76	108.05	8.82	82.59	91.57	110.7
2021-09-01	82.35	7.4	64.27	68.62	86.12	114.35	8.86	87.67	97.48	116.33	108.96	8.67	84.08	93.39	111.81
2021-10-01	84.89	6.47	65.88	77.96	87.45	115.49	8.44	90.4	101.13	117.5	108.33	7.34	87.94	96.84	111.49
2021-11-01	85.76	5.29	68.79	79.26	86.86	116.76	9.02	87.42	99.98	116.58	110.45	7.97	85.05	95.38	111.12
2021-12-01	84.53	4.92	68.58	78.86	85.4	115.39	8.52	88.63	99.74	115.7	108.25	8	84.67	93.78	110.42
2022-01-01	84.52	5.58	66.68	78.83	86.69	113.93	8.54	87.54	99.21	115.44	108.25	8.15	84.07	94.74	110.72
2022-02-01	83.18	6.2	65.21	76.16	84.89	114.14	8.63	87.13	98.43	115.3	108.67	8.77	82.82	93.23	110.81
2022-03-01	85.13	6.53	65.33	76.89	86.18	116.2	9.27	85.64	97	116.17	109.35	9.2	82.75	92.87	112.38
2022-04-01	83.75	6.93	64.96	76.72	86.64	114.04	9.62	84.27	95.59	115.76	109.33	9.39	81.5	92.37	111.98
2022-05-01	84.39	6.93	65.58	75.06	86.9	115.66	9.89	84.61	95.21	116.57	109.6	9.53	81.98	92.23	112.44
2022-06-01	83.36	6.5	65.17	70.62	84.89	112.69	9.47	84	94.41	114.24	110.31	9.67	81.67	92.31	112.68
2022-07-01	82.8	6.38	64.58	68.42	84.7	113.34	8.36	87.48	97.04	114.27	108.58	8.74	83.14	93.69	111.12
2022-08-01	81.73	6.02	64.42	67.51	82.17	112.33	8.21	86.9	97.08	113.6	107.81	8.73	83.06	94.31	111.03
2022-09-01	82.78	6.18	64.42	66.98	81.07	112.42	8.53	87.27	96.7	114.73	110.53	8.85	84.04	94.14	112.52
2022-10-01	82.62	7.46	64.88	71.38	87.04	114.13	8.93	86.35	96.93	115.33	108.56	8.59	83.86	93.01	111.16
2022-11-01	84.33	5.34	67.99	79.95	86.71	115.06	8.9	87.74	97.28	116.84	108.68	7.96	85.59	94.11	111.07
2022-12-01	83.67	5.7	66.92	79.38	85.04	114.97	9.02	86.84	96.96	116.14	107.96	8.3	83.36	93.23	110.48
2023-01-01	84.99	5.73	67.19	79.6	86.27	115.08	9.03	88.06	98.93	117.69	108.75	8.81	83.39	92.33	111.97
2023-02-01	85.2	5.3	67.23	80.01	85.95	115.51	9.13	86.61	97.55	116.63	108.18	8.77	81.49	91.76	110.22
2023-03-01	83.22	6.43	65.9	76.66	86.1	115.33	9.43	85.45	95.66	115.77	109.3	9.12	82.24	91.7	111.47
2023-04-01	85.19	6.59	65.87	77.22	85.93	114.29	9.58	83.95	96.24	115.09	109.05	8.98	81.81	92.8	111.08
2023-05-01	82.47	6.01	65.21	69.04	79.97	113.89	9.13	85.2	96.2	114.2	109.81	9.2	83.03	93.24	112.49
2023-06-01	83.05	5.88	65.69	71.54	83.22	112.19	8.51	85.7	95.98	112.95	109.08	8.44	84.01	93.27	111.2

2023-07-01	82.06	5.76	64.74	68.18	81.84	110.75	8.52	83.88	93.49	111.3	106.12	8.68	81.39	92.81	109
2023-08-01	81.31	5.89	64.64	67.41	82.57	110.04	8.74	83.4	93.08	111.74	106.53	8.87	80.79	91.52	109.3
2023-09-01	80.87	6.55	64.25	68.12	82.56	111.96	8.59	86.53	95.53	113.97	107.37	8.36	83.97	93.24	110.86
2023-10-01	81.59	5.98	65.57	75.72	84.56	113.41	8.7	87.53	97.28	116.06	108.51	7.74	86.28	95.3	111.28
2023-11-01	83.68	5.6	66.24	77.31	85.76	114.99	8.42	89.8	98.77	116.99	108.73	7.48	87.99	96.55	111.76
2023-12-01	82.88	5.3	66.85	78.35	84.97	115.16	8.66	89.33	98.99	117.23	109.13	7.89	86.34	94.81	111.68
2024-01-01	83.09	4.58	69.35	78.6	85.3	115.07	9.09	89.36	99	118.65	108.71	7.98	86.77	95.77	112.28
2024-02-01	81.65	5.43	65.72	76.51	83.54	114.77	9.38	87.47	98.07	117.92	108.46	8.98	83.59	93.52	112.26
2024-03-01	82.47	6.42	64.65	75.26	84.08	114.41	9.54	84.11	93.85	114.82	108.27	8.67	83.78	93.3	111.35
2024-04-01	82.31	6.66	64.25	72.08	84.01	113.46	9.43	83.15	93.21	113.87	108.21	8.7	82.86	93.09	110.7
2024-05-01	82.39	6.28	64.22	73.13	85.32	114.75	9.27	84.17	93.33	113.94	108.61	8.51	83.62	92.17	110.74
2024-06-01	83.47	6.38	64.58	70.52	84.64	112.1	8.75	84.93	93.63	113.2	108.78	8.44	84.23	92.65	111.52
2024-07-01	82.8	5.68	66.5	71.01	83.43	111.96	8.92	84.01	93.39	112.3	108.71	8.75	82.13	91.74	109.97
2024-08-01	83.35	6.86	66.21	69.75	88.05	111.83	9	84.35	94.02	113.44	106.62	8.89	81.43	92.68	110.31
2024-09-01	83.57	6.86	65.76	68.33	86.06	112.5	9.04	84.82	94.78	114.17	107.72	8.48	83.68	92.59	110.86
2024-10-01	85.69	6.89	64.95	75	86.65	115.5	8.83	88.15	98.23	117.34	109.59	7.74	87.4	97.33	112.77
2024-11-01	84.45	6.35	65	77.73	87.28	116.94	9.12	89.91	100.6	120.13	110.55	7.74	89.13	99.04	113.94
2024-12-01	83.67	4.65	70.83	79.24	86.26	117.96	9.46	90.6	101.28	122.11	110.11	7.92	88.7	98.71	113.9

Table 2a: Port Renfrew monthly sound pressure levels (SPL) in decibels (dB). Mean (Avg) and standard deviation (Std), Q₅, Q₅₀ and Q₉₅ levels for broadband and SRKW echolocation and communication ranges are given.

Date	Avg 10-100000 Hz	Std 10-100000 Hz	Q5 10-100000 Hz	Q50 10-100000 Hz	Q95 10-100000 Hz	Avg 15000-100000 Hz	Std 15000-100000 Hz	Q5 15000-100000 Hz	Q50 15000-100000 Hz	Q95 15000-100000 Hz	Avg 500-15000 Hz	Std 500-15000 Hz	Q5 500-15000 Hz	Q50 500-15000 Hz	Q95 500-15000 Hz
2019-01-01	125.2	8.28	104.3	115.6	131	94.7	4.48	82.52	88.03	97.55	105	4.22	94.27	101.1	107.8
2019-02-01	123.1	8.22	103.3	114.9	129.7	90.74	3.63	82.59	89.11	94.14	102.9	4.12	94.14	101.1	107.3
2019-03-01	121.6	7.37	104	115.6	128.5	88.31	3.24	82.98	85.84	91.22	103.3	5.02	91.72	100.3	108.4
2019-04-01	122.9	8.5	101.9	114.1	130.5	93.4	4.27	82.99	86.07	96.32	103.7	4.96	92.42	100.8	108.8
2019-05-01	123	8.3	103.5	114.7	130.3	86.98	2.65	82.95	83.54	88.87	104.2	5.32	91.47	101.4	108.9
2019-06-01	116.2	5.69	103.1	113	121.9	93.09	3.56	82.77	83.84	90.19	105	4.98	93.3	101.5	109.2
2019-07-01	118.3	6.67	102.7	112.8	124.4	94.53	3.74	82.76	83.29	91.26	104.7	5.34	91.34	101.3	108.7
2019-08-01	116.1	6.09	101.8	111.9	121.9	90.05	3.55	82.76	83.3	90.88	104.8	6.11	89.76	101.7	109.5
2019-09-01	113.7	5.62	100.7	110.4	119.5	95.3	5.05	82.76	83.7	97.83	103	5.51	89.73	100	108
2019-10-01	114.5	5.69	101.6	110.7	120.1	93.21	4.65	82.79	86.75	98.08	102.9	5.09	90.89	99.83	107.5
2019-11-01	116.5	6.01	102.4	112.1	122.2	94.73	4.32	82.78	85.94	95.91	104.7	5.14	91.98	101	108.9
2019-12-01	118.3	6.88	102.2	112.4	125	92.51	4.52	82.31	87.77	96.91	103.3	4.45	93.63	100.6	108
2020-01-01	122.4	7.41	104.9	114	129.8	94.35	4.68	83.58	90.38	99.44	104.5	3.88	96.04	102.8	108.7
2020-02-01	118.4	6.75	102	112.7	124.6	91.08	4.24	82.29	87.62	95.73	103.6	4.71	92.96	101	108.4
2020-03-01	116.6	5.76	103.3	113.1	122.5	89.72	3.76	82.24	86.93	92.71	103.7	4.5	93.13	101.1	107.7
2020-04-01															
2020-05-01															
2020-06-01	122.4	8.74	101.9	114.1	129.6	91.74	2.46	85.21	86.29	90.24	102.4	5.16	90.85	100.1	107.6
2020-07-01	124.4	9.4	101.3	113.8	132	90.33	3.09	85.27	85.67	92.69	104.1	5.94	89.07	101	108.9
2020-08-01	127.2	10.22	101.7	113.6	134.9	92.48	3.33	85.34	85.83	94.28	104.3	6.2	89.01	101.8	109.3
2020-09-01	123.8	8.12	101.3	112.2	127.8	95.65	4.47	83.24	85.52	96.33	103.5	5.98	89.15	99.82	108.4
2020-10-01	121.4	7.32	102.4	112.5	126.2	94.68	4.26	83.2	85.35	95.64	105.3	5.51	89.29	99.21	107.4
2020-11-01	124.2	8.16	103.3	115.1	130.5	91.61	4.4	82.57	87.76	97.31	103.9	4.79	92.91	101.3	108.4
2020-12-01	125.4	8.85	104.4	115.8	131.8	92.75	4.37	82.86	89.36	97.78	104.5	4.3	94.85	102	109.1
2021-01-01	126.6	9.16	104.7	116.2	133.9	91.38	4.04	82.94	88.17	96.51	104.5	4.51	94.39	101.7	109.2

2021-02-01	125.1	8.83	103.8	115.8	132.7	91.22	3.92	82.58	89.03	94.59	104.8	4.89	93.42	102.4	108.8
2021-03-01	116.1	5.86	101.8	111.7	121.1	91.96	3.82	83.02	87.58	94.72	105.2	4.94	92.46	101.3	108.6
2021-04-01	115.3	5.93	101.3	111.7	121.2	88.57	3.24	82.97	84.83	91.85	103.6	5.13	91.7	100.8	108.4
2021-05-01	118.5	6.66	102.1	112.7	124.5	93.05	4.09	82.98	84.4	93.45	104.3	5.6	91.12	100.8	109.1
2021-06-01	119.1	7.02	101.6	112.3	125.5	92.46	3.63	83.21	83.91	92.25	105.7	5.75	90.89	101.2	109.8
2021-07-01	117.6	6.83	100.9	111.5	124.7	89.63	2.5	83.24	83.99	87.94	103.8	5.64	90.17	101	108.7
2021-08-01	119.5	7.25	101.1	112.3	126.2	95.55	2.99	83.58	84.22	89.13	103.8	5.92	89.29	101.2	108.5
2021-09-01	118.7	6.52	103.2	112.7	124.8	97.71	5.5	83.59	84.75	99.96	103.4	5.71	89.75	99.94	108.4
2021-10-01	123.5	8.06	104.3	114.4	130.4	95.25	5.3	83.5	87.7	99.96	104.9	4.93	91.65	100.4	107.7
2021-11-01	126.2	9.02	103.9	116.2	133.2	94.46	4.89	83.68	89.69	100.2	103.4	4.49	93.54	101	108.1
2021-12-01	127.5	9.84	103.7	116.9	134.5	92.01	3.22	84.79	90.44	96.12	103.6	3.91	95.07	101.8	107.8
2022-01-01	128.3	9.88	104	117.5	134.9	93.58	4.42	83.55	88.99	98.5	104.3	4.36	94.96	101.7	108.8
2022-02-01	125.6	9.17	103.7	116	132.1	89.96	3.75	83.26	86.73	94.32	103	4.92	91.85	100.2	107.7
2022-03-01	122.2	7.94	101.5	113.1	128.8	91.9	4.47	83.57	87.06	97.88	104.2	5.1	92.17	100.7	108.7
2022-04-01	118.8	6.91	101.9	111.4	124.9	92.54	4.15	84.46	88.33	97.6	103.8	4.94	92.53	101.1	108.3
2022-05-01	123.3	8.34	102	112.1	131.1	92.59	4.28	84.47	86.84	97.87	103.8	4.89	92.14	101.3	108.4
2022-06-01	123.3	8.86	101.5	111.9	131.3	91.02	3.69	84.46	85.02	95.01	102.5	5.22	89.75	100	107.2
2022-07-01	132.3	12.32	101.7	113.6	140.7	91.05	3.74	83.07	83.85	93.27	105.7	5.97	89.64	100.2	108.7
2022-08-01	133.4	12.06	102.7	113.7	142.3	100.4	3.21	83.12	83.71	90.02	105.4	5.86	90.86	102.3	110.3
2022-09-01	133.5	11.76	103.4	114.5	142.4	91.18	3.69	83.3	84.16	92.69	105.4	5.78	91.45	101.6	110.2
2022-10-01	134.2	12.3	103	113.4	143.4	93.29	4.45	82.75	84.05	96.64	104.7	5.51	89.07	98.64	106.9
2022-11-01	125.8	9.57	103.5	114.4	132.9	91.69	3.72	83.27	89.41	96.39	103.1	4.28	93.35	100.3	107.1
2022-12-01	127.4	9.92	103.9	115.5	134.3	93.46	4.3	83.42	90.46	98.48	103.1	4.32	93.57	101	107.3
2023-01-01	128	9.7	103.4	116	134.5	93.67	4.71	82.93	88.62	98.45	102.7	4.81	91.47	99.86	107.5
2023-02-01	125.3	9.28	102.8	115.2	132.5	91.76	3.84	83.04	89.91	96.07	102.3	4.58	91.6	100.2	106.9
2023-03-01	120.8	7.6	102.2	112.7	127.6	91.15	3.99	83.41	88.08	95.4	103.4	4.85	92.22	100.6	108
2023-04-01	121.6	7.65	103.1	112.5	128.9	93.36	4.78	83.56	88.24	98.89	105.5	4.95	93.58	101.8	109.5
2023-05-01	123.2	8.34	102.7	112.5	130.5	90.18	2.49	83.53	84.57	89.87	103.8	4.99	92.26	100.8	108.5
2023-06-01	123.6	8.69	102.5	112.9	130.7	92.53	3.29	83.54	84.84	91.35	107.6	5.42	92.43	101.7	109.7
2023-07-01	124.2	8.61	102.5	113.2	131	87.96	2.77	83.05	83.64	89.15	104.1	5.7	88.87	99.97	107.6

2023-08-01	122	8	101.7	113.4	127.9	88.34	2.86	83.04	83.47	89.09	102.9	6.04	88.04	100.1	107.6
2023-09-01	123.7	7.9	103.3	114	129.3	90.97	3.58	83.03	83.66	92.54	102.4	5.49	89.28	99.06	107.2
2023-10-01	133.6	10.83	103.3	112.8	138.5	104.8	5.12	83.19	86.32	98.59	107.3	5.6	89.74	99.07	106.8
2023-11-01	138	11.61	103.7	113.1	143.5	92.4	3.95	83.62	89.19	97.22	103.4	4.47	92.73	100.9	107.7
2023-12-01	139.6	13	104.1	114.6	147.5	95.16	4.65	83.46	89.16	98.32	103.4	4.53	92.46	100.8	107.4
2024-01-01	142.1	13.03	104.7	114.9	148.5	94.37	4.48	83.65	90.67	98.66	104.5	4.54	94.15	102.5	109.3
2024-02-01	137.8	11.43	102.9	114.4	141.7	91.92	3.86	83.5	88.22	95.72	104.6	4.83	93.4	101.9	108.9
2024-03-01	121.6	6.45	101.2	110.2	121.4	92.2	4.2	82.77	87.03	95.86	104.2	4.78	92.42	100.8	107.9
2024-04-01	113.2	5.42	101	109.9	118.4	89.61	3.94	82.76	85.55	95.08	104.5	4.71	93.08	101	108.5
2024-05-01	113.2	5.16	101.8	110.5	118.5	90.43	3.79	82.77	84.65	93.77	103.8	4.73	92.7	100.8	108.1
2024-06-01	114	5.45	101.1	110.8	119.1	89.87	3.49	82.75	83.59	92.5	104.7	5.32	92.16	102	109.4
2024-07-01	121	7.81	101.9	112	128.5	91.28	2.78	82.91	87.61	91.62	105.2	5.59	90.47	101.2	108.5
2024-08-01	121.4	7.91	102.4	113.3	128.8	99.03	3.91	87.35	87.79	98.44	106.3	6.45	89.52	102.6	111
2024-09-01	119.8	7.08	103	113.1	126.9	97.71	3.98	87.35	87.89	98.52	104.9	6.09	89.78	100.4	109.9
2024-10-01	120.4	6.43	103	111.6	124.5	93.22	4.6	83.42	87.56	98.59	105.1	5.49	89.61	98.62	107.4
2024-11-01	124	7.8	103.5	113.1	129.2	92.29	4.5	83.46	88.2	98.07	103.7	4.87	92.54	100.6	108.3
2024-12-01	127.1	8.49	104.1	115.1	130.4	93.09	4.06	84.24	89.31	97.73	104.8	4.02	95.65	102.6	108.5

Table 2b: Port Renfrew monthly sound pressure levels (SPL) in decibels (dB). Mean (Avg) and standard deviation (Std), Q₅, Q₅₀ and Q₉₅ levels for water turbulence, echosounders and wind are given.

Date	Avg 10-100 Hz	Std 10- 100 Hz	Q5 10- 100 Hz	Q50 10-100 Hz	Q95 10-100 Hz	Avg 49500- 50500 Hz	Std 49500- 50500 Hz	Q5 49500- 50500 Hz	Q50 49500- 50500 Hz	Q95 49500- 50500 Hz	Avg 7500- 8500 Hz	Std 7500- 8500 Hz	Q5 7500- 8500 Hz	Q50 7500- 8500 Hz	Q95 7500- 8500 Hz
2019-01-01	125	10	98.8	113.8	130.9	73.98	3.2	63.19	66.21	73.29	86.03	4.93	72.4	81.66	88.93
2019-02-01	122.9	10.02	96.96	113.1	129.6	68.2	2.48	63.21	66.92	70.54	83.88	4.83	72.21	82.38	88.02
2019-03-01	121.3	8.58	100.3	113.7	128.4	67.91	2.23	64.11	65.62	69.41	81.56	5.63	67.34	79.37	85.86
2019-04-01	122.7	10.16	96.8	111.7	130.5	70.21	2.88	64.12	65.7	72.73	82.55	5.45	69.14	79.4	87.06
2019-05-01	122.8	10.22	97.16	112	130.3	72.47	1.93	64.09	64.28	67.44	81.52	5.64	67.43	77.37	85.69
2019-06-01	114.3	7.25	96.44	109.6	120.7	80.14	2.79	64.17	64.49	68.09	84.89	5.81	68.11	78.3	87.49
2019-07-01	117.3	8.4	96.15	109.7	123.7	88.87	3.64	64.16	64.3	69.88	83.61	6.09	66.99	77.42	87.05
2019-08-01	114.7	7.74	95.22	108.3	121.1	75.73	2.86	63.55	64.19	68.26	83.97	6.88	66.57	79	88.79
2019-09-01	111.4	6.74	95	107.1	117.5	92.05	5.12	63.54	63.74	75.8	82.99	6.38	66.92	77.8	87.72
2019-10-01	112.7	7.14	94.85	107.8	118.5	82.65	3.72	63.57	65.67	74.5	82.9	5.62	68.68	80.15	87.14
2019-11-01	115	7.12	97.59	109.2	121.2	85.26	3.22	63.56	65.07	72.15	83.75	5.86	67.77	79.5	87.53
2019-12-01	117.6	8.8	94.67	109.6	124.8	83.76	3.13	63.15	65.97	72.39	83.44	5.25	69.66	81.09	87.58
2020-01-01	122.1	9.56	97.12	111.4	129.7	74.54	3.5	63.53	67.57	74.91	85.61	4.59	75.06	83.97	89.6
2020-02-01	117.7	8.61	95.14	110.2	124.2	71.51	2.8	63.12	65.8	71.49	84.33	5.85	69.23	80.99	89.65
2020-03-01	115.3	7.19	97.84	110.8	121.7	69.48	2.42	63.11	65.43	69.1	82.92	5.44	68.89	80.8	87.57
2020-04-01															
2020-05-01															
2020-06-01	122.2	10.58	95.67	112	129.5	83.85	1.9	65.8	66.27	68.5	80.46	5.46	66.89	77.49	85.85
2020-07-01	124.2	11.26	95.79	111.3	131.9	80.24	2.66	65.77	65.9	70.29	82.23	6.32	66.53	77.77	87.49
2020-08-01	127.1	11.91	97.49	110.5	134.9	79.79	2.82	65.76	65.88	71.48	83.08	6.65	67	79.26	88.51
2020-09-01	123.6	9.64	96.02	109.3	127.7	91.97	5.45	64.56	65.82	77.66	83.69	6.74	66.62	78.2	88.47
2020-10-01	120.7	8.78	96.97	110	126	91.13	3.84	63.71	65.44	73.79	83.03	6.29	66.78	78.84	87.54
2020-11-01	124	9.68	98.26	113	130.4	78.87	3.2	63.42	66.2	73.3	84.42	5.41	70.45	81.87	89.11
2020-12-01	125.2	10.85	97.7	113.9	131.7	79.31	3.17	63.5	67.37	73.74	85.13	4.83	72.98	83.43	89.42
2021-01-01	126.5	10.69	99.98	114.4	133.8	68.91	2.92	63.47	66.54	72.7	84.97	4.8	73.47	82.42	89.42

2021-02-01	124.9	10.6	97.75	113.7	132.7	72.03	2.69	63.42	67.16	70.87	85.5	5.79	70.2	83.02	89.23
2021-03-01	114.4	7.03	96.69	109.2	119.6	75.44	2.76	64.13	66.78	72.08	85.34	5.69	68.87	81.34	88.2
2021-04-01	113.7	7.08	96.62	108.9	119.7	76.34	2.2	64.1	64.9	69.44	81.51	5.4	68.6	78.64	86.45
2021-05-01	117.7	8.15	96.6	110.3	124.1	79.47	3.48	64.1	64.64	69.74	82.43	5.7	67.81	78.68	86.77
2021-06-01	118.4	8.52	96.21	109.2	125.2	85.3	3.28	64.35	65.18	70.26	83.55	6.29	67.43	78.47	88.16
2021-07-01	116.9	8.59	95.08	107.7	124.4	84.58	2.53	65.03	65.28	67.59	83.25	5.91	67.93	78.7	87.56
2021-08-01	119	8.97	95.53	108.9	126	89.27	3.21	64.96	65.11	68.31	83.4	6.38	67.29	79.6	88.02
2021-09-01	118	7.88	98.49	110	124.5	94.02	6.12	64.97	65.36	79.45	84.54	6.45	68.49	79.27	89.65
2021-10-01	123.1	9.58	99.23	112.3	130.3	90.35	4.83	64.62	67.13	77.15	84.37	5.8	69.65	80.9	88.97
2021-11-01	126.1	10.89	97.74	114.4	133.2	79.18	3.84	64.7	68.56	77.3	85.55	5.17	72.56	82.72	90.05
2021-12-01	127.4	11.87	96.85	115.4	134.4	70.69	2.48	65.16	69.17	73.42	85.35	4.17	75.8	83.92	88.9
2022-01-01	128.2	11.7	98.7	115.8	134.8	78.29	3.37	64.64	68.09	75.53	85.41	5.16	71.75	82.3	88.74
2022-02-01	125.5	10.76	99.19	114.2	132.1	70.06	2.75	64.54	66.41	71.61	81.98	5.83	67.7	79.63	86.46
2022-03-01	121.9	9.55	96.1	110.4	128.8	72.81	3.05	64.61	66.78	74.22	82.35	5.53	68.38	79.55	86.87
2022-04-01	118.3	8.51	96.1	108.3	124.7	75.27	2.8	65.83	67.72	74.1	83.24	5.56	69.6	80.36	88.49
2022-05-01	123.1	10.29	95.39	109	131.1	84.93	2.94	65.83	66.81	74.13	82.63	5.36	69.44	79.29	87.42
2022-06-01	123.1	10.68	95.35	108.6	131.3	78.67	2.4	65.83	65.98	70.68	81.69	5.64	67.81	77.63	86.18
2022-07-01	132.3	14.24	95.81	110.9	140.7	82.53	3.57	61.49	61.65	67.5	81.79	6.12	66.25	77.13	86.35
2022-08-01	133.4	13.93	97.68	110.4	142.3	81.54	2.87	61.48	61.58	64.09	82.66	6.26	66.8	78.52	87.4
2022-09-01	133.5	13.65	97.81	111.2	142.4	76.12	3.44	61.49	61.69	67.29	82.95	6.02	67.91	78.43	87.81
2022-10-01	134.2	13.75	98.39	111.2	143.4	85.75	3.77	61.51	62.83	71.04	81.49	6.16	66.84	76.56	86.94
2022-11-01	125.7	11.32	97.61	112.3	132.9	69.97	2.5	62.95	66.15	70.8	84.37	4.54	73.07	82.32	88.49
2022-12-01	127.3	11.61	98.24	113.6	134.2	78.72	3.04	63.05	66.79	72.63	85.2	4.97	73.16	83.13	89.31
2023-01-01	127.9	11.21	98.64	114.4	134.4	72.83	3.02	62.87	65.61	72.31	83.38	5.35	69.77	80.91	88.17
2023-02-01	125.2	10.85	97.79	113.5	132.4	68.36	2.48	62.91	66.41	70.54	83.9	5.07	71.32	82.26	88.38
2023-03-01	120.5	9.22	96.5	110.1	127.5	79.61	2.6	62.95	65.61	69.88	82.69	5.9	67.39	80.23	87.15
2023-04-01	121.2	9.28	97.41	109.5	128.8	81.89	3.25	63.62	65.87	73.55	84.59	5.74	68.25	80	87.18
2023-05-01	123	9.93	97.45	109.5	130.4	74.57	1.73	63.6	63.9	66.62	80.76	5.35	67.38	77.25	85.12
2023-06-01	123.3	10.42	97.24	109.8	130.6	83.83	2.4	63.6	63.99	67.33	82.94	5.68	68.08	78.36	86.93
2023-07-01	124	10.35	96.71	111.1	131	74.96	2.37	61.45	61.64	64.95	81.54	6.22	65.73	76.95	86.17

2023-08-01	121.8	9.69	97.09	110.8	127.8	76.25	2.21	61.44	61.55	64.1	81.54	6.46	65.38	77.24	86.13
2023-09-01	123.5	9.18	99.51	112	129.2	81.91	3.37	61.44	61.63	67.77	81.76	6.06	66.28	77.09	86.4
2023-10-01	133.6	12.04	99.11	110.8	138.4	85.82	4.38	61.51	65.74	75.1	84.2	5.79	66.72	77.35	85.19
2023-11-01	138	12.82	98.86	111.2	143.5	72.2	2.81	64.47	67.57	73.26	82.23	4.74	70.03	80.25	85.94
2023-12-01	139.6	14.25	99.74	112.9	147.5	74.46	3.28	64.41	67.55	74.29	82.55	5.22	68.45	80.01	86.13
2024-01-01	142.1	14.42	100.2	112.9	148.5	72.35	3.11	64.5	68.55	74.45	83.5	5.36	70.18	81.28	87.78
2024-02-01	137.8	12.92	98.03	112.2	141.7	82.06	2.71	64.43	67	71.87	82.01	5.19	69.01	79.24	86.19
2024-03-01	121.3	7.57	96.11	107.5	120.6	86.37	3.3	62.41	64.84	71.29	82.38	5.48	68.36	80.16	86.47
2024-04-01	111	6.72	94.51	106.8	116.4	71.96	2.65	62.39	63.72	70.08	81.67	5.15	68.87	79.41	85.78
2024-05-01	111.1	6.5	95.85	107.5	117	82.98	2.94	62.39	63.17	69.22	81.71	5.12	68.88	78.76	85.62
2024-06-01	111.9	6.72	95.66	107	117.7	75.74	2.65	62.38	62.64	67.92	82.49	5.69	67.99	78.64	87.01
2024-07-01	120.6	9.48	97.02	108.9	128.4	82.39	2.82	62.44	67.43	70.14	82.76	5.79	67.91	78.59	87.12
2024-08-01	121	9.64	97.24	110.2	128.6	93.58	3.76	67.33	67.45	75.59	85.72	6.69	68.3	80.99	90.77
2024-09-01	119.3	8.58	97.89	110.5	126.8	93.24	4.99	67.33	67.57	78.32	84.35	6.21	68.61	79.1	88.96
2024-10-01	119.8	7.6	98.48	109.1	124.3	77.4	4.29	61.37	66.09	72.89	83.84	6.05	68.36	78.45	88.48
2024-11-01	123.8	9.36	98.07	110.8	129.1	70.15	3.23	61.38	64	71.4	84.5	5.64	70.54	80.47	89.29
2024-12-01	126.9	9.94	98.84	113.1	130.3	77.57	3.13	61.66	64.95	71.24	84.46	4.35	74.62	82.08	88.34

Table 1c: Port Renfrew monthly sound pressure levels (SPL) in decibels (dB). Mean (Avg) and standard deviation (Std), Q₅, Q₅₀ and Q₉₅ levels for rain and commercial vessels are given.

Date	Avg 19500-20500 Hz	Std 19500-20500 Hz	Q5 19500-20500 Hz	Q50 19500-20500 Hz	Q95 19500-20500 Hz	Avg 57-71 Hz	Std 57-71 Hz	Q5 57-71 Hz	Q50 57-71 Hz	Q95 57-71 Hz	Avg 113-141 Hz	Std 113-141 Hz	Q5 113-141 Hz	Q50 113-141 Hz	Q95 113-141 Hz
2019-01-01	80.7	5.94	64.51	74.74	85.68	118.9	10.76	89.14	104.7	124.6	102.8	6.77	86.3	97.02	108.6
2019-02-01	78.22	5.08	64.69	76.04	82.04	115	10.21	87.8	103.7	121.3	101.6	6.82	84.89	96.41	107.6
2019-03-01	74.83	5.37	63.55	71.03	78.43	108.7	7.43	90.42	102.7	115.2	102.9	7.37	84.36	97.14	109.1
2019-04-01	78.17	6.41	63.62	71.46	84.39	108.5	8.42	86.71	101.3	115.4	101.7	7.18	83.84	96.1	107.7
2019-05-01	73	4.62	63.52	65.78	75.52	108.7	8.46	87.48	101.7	115.7	102.5	6.6	86.32	97.67	108.2
2019-06-01	77.19	5.22	63.53	67.01	76.67	103.2	6.39	87.47	99.91	108.4	103.3	6.17	88.48	99.12	108.9
2019-07-01	77.52	5.12	63.51	65.36	77.07	103.2	6.68	87.03	99.38	108.9	102.7	6.26	87.99	97.85	108.4
2019-08-01	76.74	5.26	63.58	65.72	78.23	102.7	6.96	85.18	98.63	108.4	102	6.06	87.6	97.86	107.6
2019-09-01	79.52	7.01	64.08	67.24	85.72	102.8	6.94	85.97	98.14	108.8	102.2	6.66	86	97.18	107.8
2019-10-01	79.46	6.59	64.15	73.12	86.54	103.1	7.07	85.36	98.85	108.8	102.2	6.83	85.52	96.39	108.2
2019-11-01	79.03	6.29	64.08	71.92	84.32	103.8	6.43	88.41	100.3	109.5	103.2	6.74	87.06	97.8	109.1
2019-12-01	79.44	6.25	63.69	74.3	84.95	103.6	7.32	84.93	99.54	109.4	102.7	7.12	85.07	96.35	108.6
2020-01-01	81.85	5.82	67.32	77.62	87.53	105.1	7.13	87.49	100.4	111.3	102.2	6.61	86.54	96.94	108.1
2020-02-01	78.35	6.09	63.72	74.11	83.7	103.8	7.46	85.13	99.57	109.6	102.2	7.01	85	96.46	108.2
2020-03-01	76.75	5.65	63.56	73.22	80.45	103.1	6.45	87.61	99.46	108.8	102.4	6.92	85.58	96.86	108.4
2020-04-01															
2020-05-01															
2020-06-01	75.04	4.28	65.23	69.17	76.57	108.8	8.64	87.29	102.4	115.9	100.8	5.97	86.87	97.01	106.6
2020-07-01	76.01	5.07	65.15	66.85	79.7	108.9	8.73	87.29	101.5	115.9	101.9	6.18	86.49	97.61	107.2
2020-08-01	76.96	5.34	65.17	67.27	81.71	108.8	8.39	88.43	101.4	115.7	101.1	5.94	86.78	97.96	106.3
2020-09-01	77.38	6.07	63.18	66.98	81.64	104.8	7.3	86.11	99.82	110.4	101.4	6.27	86.06	97.04	107
2020-10-01	76.96	6.42	63.13	69.47	82.59	107.6	6.98	87.41	99.97	110.3	106.9	6.62	86.51	97.17	108.1
2020-11-01	78.81	6.13	63.83	74.22	85.33	105.7	7.28	86.92	100.4	110.9	102.4	6.75	86.3	96.97	108.4
2020-12-01	80.24	5.82	65.01	76.24	85.89	106	7.77	86.37	100.5	111.7	102	6.59	86.53	96.6	108
2021-01-01	78.82	5.47	65.37	74.75	84.52	106.6	7.54	87.58	100.9	112.8	102.4	7.12	84.79	96.86	108.1
2021-02-01	78.56	5.64	63.92	75.8	82.58	104.8	7.24	86.78	100.7	110.7	102.5	7.21	84.56	96.5	108.4
2021-03-01	78.63	5.82	63.57	73.38	82.11	106.1	7.18	86.69	100.1	110.2	103.4	7.33	84.42	96.58	108.6

2021-04-01	74.18	5.42	63.47	69.02	79.14	103.9	7.07	86.68	99.2	109.8	102.6	7.06	85.15	96.71	108.5
2021-05-01	77.34	5.9	63.49	68.11	81.23	105.4	7.48	86.57	100.3	111.4	102.5	6.76	85.83	97.02	108.2
2021-06-01	75.35	5.5	63.03	65.88	79.2	106.7	6.83	85.9	98.07	108.7	103.1	6.49	86.6	97.27	107.6
2021-07-01	72.8	4.22	63.06	66.01	73.67	101	6.58	84.98	96.92	106.9	101.4	6.04	86.71	97.1	106.6
2021-08-01	73.04	4.34	63.39	65.74	74.62	101.3	6.61	85.38	96.76	107.4	101.1	5.98	86.61	97.3	106.5
2021-09-01	78.44	7.03	63.39	67.03	85.67	102.1	5.99	88.03	98.14	108	102.4	5.9	88.53	98.16	108
2021-10-01	80.31	7.32	63.54	72.97	87.19	105.2	6.62	88.25	99.24	110.1	104.4	5.96	88.12	97.27	107.5
2021-11-01	81.5	6.37	64.94	75.75	87.61	106	7.97	85.51	100.5	112.5	103.2	6.67	85.92	97.28	107.9
2021-12-01	78.77	4.32	68.15	76.59	83.41	106.4	8.03	86.22	100.8	112.9	103.2	6.71	85.84	96.58	107.6
2022-01-01	80.54	6	64.42	74.8	85.93	107.4	8.07	86.25	101.2	113.1	102.8	6.88	86.31	97.68	108.7
2022-02-01	76.32	5.96	63.19	71.65	81.6	104.9	6.88	88.13	100.4	110.8	102.8	6.73	86.41	97.17	108.4
2022-03-01	79.73	6.76	64.51	72.63	86.46	104.8	6.98	87.02	99.9	109.7	102.6	7	84.51	97.28	107.7
2022-04-01	80	6.24	65.78	74.79	86.32	102.7	6.43	87.26	98.74	108.2	102	6.54	86.23	96.42	107.6
2022-05-01	79.63	6.51	65.8	72.4	86.65	103.6	7.25	86	99.45	109.4	102.1	6.33	86.51	97.31	107.2
2022-06-01	78.14	5.87	65.75	67.89	83.83	102.4	6.68	86.07	98.39	108	102.7	6.04	87.47	97.44	107.2
2022-07-01	76.86	5.17	65.72	67.73	80.5	108.2	7.06	86.07	98.24	109.4	102.3	5.83	87.57	96.9	106.5
2022-08-01	74.62	4.3	65.71	67.28	77.24	102.7	6.25	87.55	98.16	108.2	101.7	5.41	88.22	97.79	106.3
2022-09-01	77.5	5.24	65.75	68.11	80.18	102.5	6.1	87.87	98.41	108.3	103.8	5.73	89.18	98.37	107.9
2022-10-01	77.48	6.26	64.41	67.57	84.4	107	6.69	87.28	99.07	108.9	104.4	6.07	86.82	96.88	106.7
2022-11-01	79.1	4.94	66.19	76.18	84.31	103.2	7	85.67	99.12	109.1	101.1	6.32	86.17	96.28	106.8
2022-12-01	80.95	5.51	66.46	77.4	86.55	103.9	6.95	86.64	99.41	109.7	101.2	6.36	85.94	96.21	106.8
2023-01-01	80.37	6.28	65.01	75.18	86.6	105.2	7.38	86.48	99.88	110.9	102.4	6.97	84.72	96.51	107.8
2023-02-01	79.15	5.22	65.41	76.74	83.95	103.3	7.06	85.81	98.88	109.4	100.9	6.89	84.03	95.53	106.9
2023-03-01	78.2	6.01	64.43	74.42	83.44	102.4	6.6	86.56	98.77	107.9	101.9	6.94	85.05	96.53	107.8
2023-04-01	80.74	6.8	64.57	74.61	87.11	102.8	6.9	86.37	99.09	108.6	102.3	6.73	86.03	96.89	108.1
2023-05-01	72.91	4.46	64.47	68.1	76.97	102.7	6.7	86.32	98.73	108.3	102.1	6.38	86.66	97.41	107.8
2023-06-01	76.2	5.22	64.5	68.71	78.67	101.9	6.3	86.77	98.03	107.5	101.4	5.87	87.44	97.14	106.8
2023-07-01	73.36	4.51	63.46	65.69	75.67	107	7.51	87.11	99.16	111.7	102.5	5.35	87.35	96.27	105
2023-08-01	74.02	4.64	63.46	65.06	75.62	105	7.44	87.19	99.44	111.2	100.4	5.69	86.37	96.76	105.3
2023-09-01	75.82	5.45	63.43	65.73	79.66	104.8	6.46	89.59	100.5	110.3	101	5.64	87.84	97.18	106.4

2023-10-01	85.45	6.84	62.85	70.11	84.93	107.9	7.23	88.66	99.72	112.5	102.7	5.88	87.53	96.47	106.8
2023-11-01	77.87	5.48	63.53	73.95	83.46	109.7	8.39	87.61	101	115.5	102	6.38	86.9	97.25	107.7
2023-12-01	79.43	6.43	62.73	73.89	84.57	110	8.37	88.88	102.2	116.8	102.9	6.68	86.69	97.71	108.1
2024-01-01	79.42	6.04	63.71	75.78	84.95	110.7	8.29	88.96	101.7	117	102.5	6.5	87.22	97.49	108.5
2024-02-01	76.48	5.6	62.98	72.55	81.74	107.9	7.83	87.08	100.7	112.7	102.9	6.92	86.27	97.49	108.7
2024-03-01	76.78	6.18	62.76	72.26	82.95	103	6.77	85.94	98.11	107.8	103.8	7.08	84.03	95.54	107.4
2024-04-01	75.95	6.18	62.72	70.21	82.47	101.4	7.02	84.22	97.23	107.1	101	6.76	84.68	96.08	106.9
2024-05-01	75.95	5.89	62.75	68.46	81.07	101.9	6.7	85.55	97.69	107.7	100.9	6.14	86.14	96.64	106.4
2024-06-01	74.5	5.56	62.7	65.81	79.63	100.7	6.3	85.56	97.11	106.2	100.8	6.08	86.21	97.02	106.3
2024-07-01	75.15	4.55	63.29	67.37	76.84	105.9	7.62	86.76	98.31	111.9	102.8	5.67	87	97.1	106
2024-08-01	79.19	6.17	65.49	67.91	84.99	105.1	7.37	87.43	99.49	111.8	101.5	5.67	87.83	97.88	106.7
2024-09-01	78.69	5.95	65.49	68.33	83.91	104.1	6.69	88.13	99.49	110.2	101.4	5.67	88.18	97.43	106.9
2024-10-01	79.47	6.87	63.4	69.99	86.01	107.6	6.2	88.96	99.73	109.4	102.7	5.56	88.43	97.05	106.5
2024-11-01	79.41	6.43	63.75	73.97	85.63	105.1	6.82	88.63	100.8	111.1	102.9	6.2	88.68	98.22	108.4
2024-12-01	80.12	5.34	66.74	75.38	85.28	106.7	7.34	87.88	101.5	112.1	107.6	8.27	87.35	101.5	113.8

Table 3a: Jordan River monthly sound pressure levels (SPL) in decibels (dB). Mean (Avg) and standard deviation (Std), Q₅, Q₅₀ and Q₉₅ levels for broadband and SRKW echolocation and communication ranges are given.

Date	Avg 10- 10000 0 Hz	Std 10- 100000 Hz	Q5 10- 100000 Hz	Q50 10- 100000 Hz	Q95 10- 100000 Hz	Avg 15000- 100000 Hz	Std 15000- 100000 Hz	Q5 15000- 100000 Hz	Q50 15000- 100000 Hz	Q95 15000- 100000 Hz	Avg 500- 15000 Hz	Std 500- 15000 Hz	Q5 500- 15000 Hz	Q50 500- 15000 Hz	Q95 500- 15000 Hz
2019-01-01	123.5	8.34	103.35	116.28	129.99	92.54	4.82	83.39	86.91	98.51	104.46	4.95	92.7	100.77	108.73
2019-02-01	122.46	7.72	103.81	116.09	129.5	90.56	3.86	83.37	88.19	94.41	104.07	4.78	93.09	101.06	108.87
2019-03-01	121.66	7.16	104.17	116.69	127.46	89.59	3.83	82.16	83.73	91.7	104.67	5.32	92.18	100.75	109.59
2019-04-01	122.72	7.71	103.7	116.34	128.07	90.7	4.85	82.18	84.57	97.09	104.68	4.95	93.39	101.34	109.62
2019-05-01	123.87	7.89	103.35	116.36	128.44	91.89	3.82	82.16	83.72	92.08	105.49	5.08	93.71	101.59	110.31
2019-06-01	120.71	7.13	103.31	114.42	126.33	93.78	3.91	82.22	85.49	91.49	105.95	4.85	94.36	101.41	110.08
2019-07-01	122.06	7.68	102.81	113.75	127.99	92.41	3.69	82.2	83.83	90.76	104.11	5.01	92.23	100.33	108.62
2019-08-01	119.57	7.47	101.27	112.39	126.3	89.96	3.37	82.23	83.64	90.46	103.38	5.55	89.49	99.41	108.2
2019-09-01	116.53	6.76	100.74	111.33	122.7	91.89	4.4	83.39	83.79	96.67	102.89	5.44	89.99	98.77	107.82
2019-10-01	117.52	7.17	100.31	111.47	124.02	92.43	4.82	83.39	84.79	98.45	103.47	5.6	89.98	99.45	108.29
2019-11-01	121.29	7.61	102.12	113.74	126.49	92.19	4.61	83.36	84.62	96.35	105.32	5.52	92.11	101.64	109.88
2019-12-01	122.44	8.09	101.45	113.07	127.73	93.84	5.1	83.21	86.59	98.87	104.02	5.03	91.8	100.09	108.38
2020-01-01	124.44	8.1	103.43	113.15	129.39	95.03	5.63	83.27	90.02	101.18	104.16	4.97	92.39	101.57	108.71
2020-02-01	123.39	8.01	102.14	113.63	128.66	90.94	4.48	83.24	86.29	96.73	103.31	4.8	92.08	100.24	107.85
2020-03-01	121.14	7.4	102.24	113.5	126.13	89.47	3.87	83.22	85.73	92.87	103.85	4.79	92.28	101.1	107.9
2020-04-01															
2020-05-01	117.45	6.69	101.99	111.4	123.56	91.05	4.13	82.25	85.62	94.27	104.55	4.85	93.47	100.38	108.99
2020-06-01	117.37	6.93	101.05	112.17	123.76	90.05	3.61	82.22	83.69	91.69	103.7	5.1	91.74	100.23	108.72
2020-07-01	118.74	6.96	102.31	112.17	124.85	91.91	3.56	82.22	84.14	90.95	103.68	5.11	90.89	100.26	108.16
2020-08-01	119.83	7.55	101.12	112.49	125.34	91.09	3.73	82.18	83.19	90.72	102.33	5.64	88.07	98.4	107.02
2020-09-01	117.8	7.16	100.65	112.43	123.9	91.78	4.33	82.23	83.73	94.67	101.68	5.89	87.18	97.54	106.41
2020-10-01	119.07	7.04	101.24	112.95	124.73	92.93	4.47	82.29	84.09	95.7	104.1	6.1	88.25	98.41	108.09
2020-11-01	122	8.2	100.8	113	127.05	92.09	5.1	82.2	84.88	97.74	103.81	5.58	90.94	100.13	108.93
2020-12-01	120.92	8.2	100.85	112.45	127.76	93.09	5.34	82.2	87.41	98.56	103.85	5.23	91.58	100.45	108.84
2021-01-01	122.15	8.24	101.83	114.1	128.98	91.66	4.97	82.25	86.34	97.96	104.82	5.32	92.48	100.73	110.01

2021-02-01	121.69	7.75	103.15	114.05	128.3	91.88	4.48	82.23	88.66	95.24	105.23	4.87	93.09	101.64	108.83
2021-03-01	122.82	7.51	102.59	114.61	126.97	92.14	4.24	83.21	84.86	95.68	105.72	5.25	92.51	100.78	109.16
2021-04-01	120.47	7.55	102.04	114.03	126.13	89.69	3.46	83.22	85.25	91.9	104.7	4.79	93.69	101.6	109.43
2021-05-01	122.12	8.21	101.56	115	127.9	89.52	3.35	83.22	85.71	91.63	105.1	5.07	93.37	101.39	109.84
2021-06-01	121.49	7.29	103.11	114.32	126.82	91.78	4.08	82.26	83.62	92.2	106.51	5.14	92.69	101.08	109.69
2021-07-01	121.97	7.8	103.35	115	128.32	91.15	3.26	82.43	86.53	91.28	103.54	4.64	92.81	100.59	108.15
2021-08-01	122.95	8.54	101.94	115.1	129.96	90.75	3.5	82.32	84.02	91.18	102.6	5.21	89.88	98.89	107.03
2021-09-01	125.41	8.96	103.11	116.95	132.36	93.18	5.35	82.28	83.01	99.52	102.38	5.87	87.77	97.65	107.46
2021-10-01	123.84	8.02	103.58	115.13	129.37	93.41	5.46	82.36	84.53	98.68	102.25	5.56	88.09	97.71	106.36
2021-11-01	121.19	7.77	102.21	114.45	127.08	95.74	5.82	83.22	88.56	102.01	103.7	5.6	89.43	99.7	108.19
2021-12-01	121.82	7.85	103.17	115.08	127.89	92.78	4.4	83.34	88.96	98.09	102.23	4.38	92.3	99.85	106.55
2022-01-01	123.79	8.3	102.9	115.51	129.7	94.17	5.38	83.16	87.54	100.49	103.96	5.06	92.51	100.58	109.11
2022-02-01	121.93	7.39	103.72	115.34	127.54	90.5	4.08	83.1	85.13	94.06	103.38	5.27	90.96	99.94	108.09
2022-03-01	121.74	7.47	103.51	114.65	127.86	91.78	4.78	82.32	84.9	96.87	105.58	5.15	92.74	101.37	109.54
2022-04-01	121.46	7.77	102.84	114.03	128.24	91.28	4.93	82.31	85.55	96.95	104.66	4.92	93.15	101.58	109.24
2022-05-01	123.61	8.37	102.93	115.1	130.33	91.58	4.67	82.36	85.64	96.69	104.91	4.68	94.22	101.46	109.61
2022-06-01	124.75	8.72	103.02	115.54	132	92	4.34	82.33	83.73	94.16	103.6	5.34	91.22	99.99	108.75
2022-07-01	126.43	8.88	102.85	114.08	133.16	92.33	3.79	82.99	85.33	92.84	106.29	5.37	91.48	100.16	109.18
2022-08-01	129.89	9.61	103.84	115.74	135.53	89.7	3.43	83	84.46	91.42	102.77	5.46	89.39	98.96	107.49
2022-09-01	128.05	9.7	103.43	116.82	135.22	92.35	3.23	82.98	83.84	91.2	102.13	5.62	88.72	97.6	106.98
2022-10-01	126.67	9.43	102.54	114.81	133.83	92.37	4.84	82.99	83.79	97.8	101.21	5.92	87.11	96.31	106.07
2022-11-01	125.03	8.39	103.79	115.47	131.14	92.81	4.45	83.51	88.8	97.51	103.24	4.93	91.15	99.74	107.42
2022-12-01	126.35	9.03	103.08	115.44	131.96	93.45	4.71	83.47	89.15	97.81	103.58	4.88	91.92	100.52	107.63
2023-01-01	125.6	8.99	102.77	116.07	130.98	92.49	4.86	83.42	86.86	98.45	103.57	5.12	91.97	100.24	108.35
2023-02-01	125.91	9.27	102.73	116.47	132.07	92.48	4.34	83.44	88.74	97.02	102.85	4.66	92.25	100.14	107.39
2023-03-01	125.98	8.49	103.75	115.02	130.97	90.41	4.27	82.93	85.35	94.17	104.68	4.9	92.82	101.61	108.62
2023-04-01	126.29	8.82	103.69	114.99	132.99	92.11	4.86	82.95	85.77	97.53	106.06	5.2	93.38	102.02	110.32
2023-05-01	131.12	9.78	104.11	114.91	137.66	90.55	3.35	82.96	86.04	91.82	105.94	4.77	94.7	101.9	110
2023-06-01	126.03	8.76	103.53	114.32	133.15	93.56	3.53	83	86.95	92.31	106.96	4.71	94.53	101.51	109.69
2023-07-01	126.39	9.11	102.71	113.92	132.99	91.63	3.63	83.42	86.89	92.56	104.8	4.71	92.3	100.31	107.45

2023-08-01	128.06	9.97	101.11	114.08	134.3	90.23	3.24	83.43	84.61	91.78	101.21	5.61	86.91	96.84	105.57
2023-09-01	128.93	10.01	102.94	115.28	135.66	92.66	3.8	83.42	83.93	93.04	101.24	5.68	87.22	96.34	106.09
2023-10-01	129.67	10.28	102.51	115.69	136.13	91.07	4.19	83.5	84.98	96.38	104.27	5.58	87.45	97.09	105.48
2023-11-01	133.6	11.52	102.88	114.84	140.15	94.31	4.17	83.65	86.37	96.12	102.92	5.25	89.6	99.53	107.32
2023-12-01	132.18	10.55	102.66	114.64	139.39	92.69	4.83	83.65	87.23	98.87	102.86	4.65	92.1	100.13	107.35
2024-01-01	131.49	10.05	103.94	115.22	138.23	92.99	4.62	83.65	89.68	98.7	104.19	4.56	94	101.85	108.94
2024-02-01	131.86	9.9	103.61	115.15	137.16	92.56	4.22	83.6	87.26	95.83	105.56	4.92	93.53	101.72	108.99
2024-03-01	123.95	8.37	102.6	113.84	130.37	90.69	4.32	83.37	85.16	95.94	103.31	5.07	91.72	99.63	108.31
2024-04-01	124.32	8.1	102.82	113.12	129.39	91.24	4.43	83.4	86.01	96.86	104.22	4.61	93.9	101.19	109.23
2024-05-01	126.51	8.8	103.19	113.37	133.17	93.16	3.9	83.4	85.95	94.26	103.67	4.46	93.77	100.77	108.48
2024-06-01	127.46	9.65	102.47	114.16	135.09	89.82	3.62	83.41	85.02	92.98	104.17	5.09	92.28	100.36	109.02
2024-07-01	127.05	9.03	102.53	113.77	131.69	91.12	3.47	81.84	84.82	91.05	105.42	5.15	90.9	99.71	107.73
2024-08-01	124.66	9.39	101.15	114.45	132.02	90.49	4.28	81.79	83.57	93.06	101.58	5.73	86.93	97.21	105.82
2024-09-01	118.86	6.94	102.44	113.41	124.85	90.69	4.1	81.78	82.52	92.17	101.37	5.58	87.7	96.42	106.03
2024-10-01	130.18	10.1	101.88	115.37	136.2	92.19	5.13	81.89	83.68	98.64	103.96	6.15	87.37	96.63	107.03
2024-11-01	132.37	10.75	104.41	118.68	138.84	91.81	4.81	83.16	85.79	98.03	105.28	5.96	90.2	99.21	109.21
2024-12-01	133.21	11	104.33	119.35	140.34	92.82	4.58	83.2	87.91	97.98	103.78	4.91	91.79	100.16	108.18

Table 3b: Jordan River monthly sound pressure levels (SPL) in decibels (dB). Mean (Avg) and standard deviation (Std), Q₅, Q₅₀ and Q₉₅ levels for water turbulence, echosounders and wind are given.

Date	Avg 10-100 Hz	Std 10- 100 Hz	Q5 10- 100 Hz	Q50 10-100 Hz	Q95 10-100 Hz	Avg 49500- 50500 Hz	Std 49500- 50500 Hz	Q5 49500- 50500 Hz	Q50 49500- 50500 Hz	Q95 49500- 50500 Hz	Avg 7500- 8500 Hz	Std 7500- 8500 Hz	Q5 7500- 8500 Hz	Q50 7500- 8500 Hz	Q95 7500- 8500Hz
2019-01-01	123.2	9.51	98.9	114.92	129.85	78.23	3.71	64.7	66.78	75.71	84.5	5.73	70.48	80.47	88.8
2019-02-01	122.11	8.83	100.02	114.99	129.36	69.15	2.79	64.7	67.74	72.09	83.6	5.87	69.13	80.88	88.23
2019-03-01	121.19	7.96	101.26	115.66	126.98	82.43	3.11	63.31	63.92	69.8	82.61	6.18	67.53	77.83	86.9
2019-04-01	122.4	8.72	100.07	115.07	127.81	67.72	3.11	63.32	64.26	72.3	83.1	5.95	69.18	78.59	87.72
2019-05-01	123.58	9	99.12	114.94	128.21	84.95	2.99	63.31	63.86	69.09	83.84	5.93	68.72	78.49	87.86
2019-06-01	120.01	8.08	99.31	112.47	125.76	79.87	3.19	62.93	64.48	68.49	85.5	5.63	69.78	79.81	88.05
2019-07-01	121.71	8.71	98.87	112.18	127.8	76.98	2.65	62.93	63.59	68.04	83.24	5.69	68.21	77.46	86.53
2019-08-01	119.03	8.54	97.13	110.66	125.94	80.83	2.79	62.94	64.73	68.43	82.81	6.12	67.51	76.41	86.64
2019-09-01	115.32	7.64	96.63	109.52	121.44	78.98	3.43	64.69	64.85	73.57	82.68	5.87	68.1	75.47	86.69
2019-10-01	116.53	8.32	95.33	109.59	123.06	79.5	3.64	64.7	65.34	75.38	83.01	6.18	68.04	77.5	87.32
2019-11-01	120.73	8.53	97.82	111.88	125.78	75.89	3.55	64.69	65.23	73.67	83.84	6.36	68.53	78.55	88.71
2019-12-01	122.03	9.27	96.85	111.26	127.36	71.41	3.69	64.54	66.4	75.26	83.59	5.9	68.44	79.11	86.92
2020-01-01	124.21	9.47	98.4	111.41	129.16	77.54	4.48	64.57	69	78.27	85.01	6.04	70.09	81.87	89.6
2020-02-01	123.09	9.07	98	112.01	128.32	70.15	3.25	64.56	66.31	73.92	82.94	6.27	68.47	78.85	88.82
2020-03-01	120.56	8.46	97.88	111.88	125.42	68.36	2.81	64.55	65.9	71.33	83.11	6.17	68.43	79.27	87.44
2020-04-01															
2020-05-01	116.2	7.82	96.43	109.27	122.28	81.34	2.76	63.38	65.01	70.21	83.3	5.57	68.51	79.07	86.4
2020-06-01	116.34	8.23	95.58	110.01	122.88	75.96	2.62	63.36	64.01	68.84	81.64	5.59	67.77	76.88	85.72
2020-07-01	117.9	8.24	97.03	109.97	124.02	85.77	2.86	63.36	64.2	68.68	82.46	5.28	68.78	77.64	85.73
2020-08-01	119.34	8.94	95.72	110.7	124.94	79.62	2.76	63.33	63.7	68.23	81.55	5.94	67.24	75.62	85.26
2020-09-01	117.03	8.16	96.6	110.96	123.19	81.41	3.5	63.35	64.82	72.24	82.15	6.29	67.16	75.17	86.96
2020-10-01	118.11	7.85	97.8	111.59	123.92	87.32	4.03	63.37	64.91	73.87	82.8	6.43	67.55	77.03	87.87
2020-11-01	121.64	9.39	96.06	111.29	126.7	75.04	3.76	63.33	64.46	74.18	83.96	6.05	69.93	79.19	89.09
2020-12-01	120.45	9.55	96.08	110.45	127.5	81.94	3.81	63.33	66.14	74.56	83.97	5.87	69.8	80.64	88.77
2021-01-01	121.72	9.37	97.68	112.16	128.75	68.88	3.46	63.33	65.45	73.97	84.3	5.81	70.3	80.21	89.27
2021-02-01	121.2	8.93	98.71	112.26	127.96	70.41	3.19	63.34	67.16	71.67	85.51	5.9	69.88	82.24	88.78

2021-03-01	122.39	8.59	98.62	113.06	126.45	68.98	2.77	63.09	63.78	70.59	85.11	5.94	69	78.05	87.92
2021-04-01	119.89	8.92	96.7	112.36	125.51	77.68	2.41	63.08	63.9	68.24	82.83	5.28	69.89	78.77	86.6
2021-05-01	121.71	9.55	97.03	113.5	127.51	67.32	2.24	63.08	64.24	67.91	83.14	5.57	68.85	78.95	86.69
2021-06-01	120.67	8.45	98.57	112.78	126.39	84.09	3.6	62.59	63.14	68.49	83.16	6.12	68.01	77.81	87.39
2021-07-01	121.66	9.12	98.66	113.63	128.17	80.76	2.96	62.7	64.94	68.24	83.2	4.92	70.83	79.9	86.3
2021-08-01	122.73	9.73	97.73	113.8	129.87	82.68	2.77	62.65	63.41	68.01	82.8	5.73	68.53	77.39	86.07
2021-09-01	125.27	10.02	99.39	115.97	132.29	80.15	3.88	62.64	62.94	74.43	83.1	6.28	67.28	75.92	87.73
2021-10-01	123.64	8.9	100.22	113.83	129.23	81.5	4.34	62.68	64.64	75.05	83.75	6.19	68.56	77.69	88.03
2021-11-01	120.76	8.82	98.16	113	126.78	84.51	4.59	64.22	67.72	78.67	85.12	5.91	69.8	81.18	89.78
2021-12-01	121.53	9.1	98.9	113.86	127.72	72.1	3.42	64.26	68.14	75.17	83.9	5.01	71.54	81.7	88.4
2022-01-01	123.54	9.58	98.79	113.91	129.59	73.38	4.11	64.18	66.84	77.08	85.4	6.2	69.07	80.44	88.78
2022-02-01	121.49	8.13	100.78	113.9	127.09	79.92	3.1	64.15	65.14	71.24	82.22	6.37	67.25	78.53	87.19
2022-03-01	121.25	8.49	99.64	113	127.66	83.4	3.2	62.93	64.29	72.3	82.82	5.87	68.58	78.33	87.55
2022-04-01	121.04	8.92	98.43	112.32	128.08	76.13	3.33	62.93	64.3	72.56	83.85	6.29	68.98	79.59	88.87
2022-05-01	123.36	9.57	98.5	113.4	130.24	74.34	3.13	62.95	64.41	71.57	83.79	5.36	70.61	79.31	87.76
2022-06-01	124.56	9.7	99.8	113.99	131.97	85.08	3.08	62.93	63.45	69.39	82.72	5.96	67.98	77.45	87.45
2022-07-01	126.26	9.98	98.79	112.51	133.1	81.38	3.49	61.27	62.41	67.33	83.01	5.63	67.7	77.74	86.07
2022-08-01	129.84	10.48	100.72	114.5	135.52	75.44	2.86	61.27	61.82	66.21	82.63	6.12	67.49	77.6	86.42
2022-09-01	127.98	10.67	100.38	115.61	135.2	76.26	2.61	61.25	61.61	65.82	81.81	5.91	67.47	76.34	86.12
2022-10-01	126.59	10.19	100.18	113.66	133.81	83.17	4.4	61.27	64.69	74.38	81.3	6.48	66.52	74.81	86.59
2022-11-01	124.87	9.24	100.65	114.34	131.06	82.69	3.29	64.75	68.06	74.57	84.45	5.72	69.96	81.41	88.71
2022-12-01	126.24	10.18	98.93	114.24	131.92	84.07	3.48	64.72	68.23	74.51	84.91	6.07	70.23	81.54	89.51
2023-01-01	125.43	10.01	98.99	114.65	130.84	71.58	3.32	64.69	66.46	74.33	82.98	5.88	69.42	79.22	88.39
2023-02-01	125.78	10.32	99.02	115.3	132.01	81.08	3.08	64.7	67.96	73.53	83.61	5.76	69.54	80.81	88.47
2023-03-01	125.83	9.59	99.82	113.37	130.9	68.98	3.46	61.21	64.67	70.9	82.61	6.36	67.33	78.28	87.18
2023-04-01	126.14	9.86	99.61	113.28	132.94	79.66	3.2	61.21	62.43	70.06	83.23	5.94	68.11	77.72	87.18
2023-05-01	131.07	10.8	100.54	113.13	137.63	77.6	2.42	61.23	62.68	66.27	83.4	5.59	68.5	78.81	86.34
2023-06-01	125.85	9.92	98.96	112.71	133.08	82.2	2.76	61.24	63.31	66.79	84.17	5.3	70.01	79.61	86.64
2023-07-01	126.25	10.3	98.1	112.54	132.95	79.21	2.99	61.37	63.4	67.47	82.95	5.27	69.94	79.46	86.49
2023-08-01	128	10.87	97.77	112.98	134.27	80.44	2.53	61.38	61.96	66.48	81.9	5.84	67.29	76.31	85.95

2023-09-01	128.88	10.76	100.32	114.05	135.63	80.71	3.03	61.37	61.64	67.06	82.67	5.95	67.61	75.36	86.26
2023-10-01	129.61	11.06	99.67	114.71	136.12	77.99	3.3	61.43	62.77	70.53	82.4	5.8	67.61	76.82	85.86
2023-11-01	133.59	12.33	99.92	113.81	140.14	79.95	3.06	62.35	63.89	70.81	82.95	5.88	68.23	78.68	86.98
2023-12-01	132.15	11.45	99.23	113.5	139.39	68.13	3.5	62.34	64.45	73.08	82.79	5.69	68.96	79.58	87.18
2024-01-01	131.46	11.12	100.16	113.9	138.22	68.21	3.32	62.34	66.27	72.49	84.74	5.88	70.31	81.92	89.12
2024-02-01	131.82	10.97	99.88	113.56	137.14	87.01	3.11	62.31	64.46	70.33	83.71	5.91	69.12	79.89	87.69
2024-03-01	123.76	9.21	99.32	112.22	130.33	71.78	3.05	61.35	62.27	69.6	81.77	5.84	67.34	76.81	85.66
2024-04-01	124.14	9.17	98.61	111.43	129.29	71.02	3.08	61.36	62.81	70.11	81.74	5.41	68.95	78.27	85.97
2024-05-01	126.4	9.82	99.03	111.79	133.14	83.48	3.02	61.35	62.8	68.32	81.99	5.33	68.72	78.21	85.64
2024-06-01	127.36	10.64	99.22	112.49	135.05	72.84	2.82	61.35	62.13	67.37	82.47	5.67	68.24	77.77	86.6
2024-07-01	126.92	10.16	98.2	112.35	131.52	75.77	3.01	60.2	61.81	65.77	81.72	5.19	68.77	77.6	85.32
2024-08-01	124.54	10.33	97.97	113.36	131.98	77.43	3.16	60.17	60.95	66.86	81.39	6.01	66.76	76.01	85.19
2024-09-01	118.32	7.72	99.24	111.97	124.39	75.96	3.25	60.15	60.48	66.23	81.27	5.86	66.99	74.98	85.12
2024-10-01	130.13	10.82	99.26	114.27	136.19	71.02	3.83	60.23	61.71	71.86	81.88	6.36	66.93	75.04	87.16
2024-11-01	132.33	11.52	101.83	117.72	138.83	68.61	3.41	61.52	62.89	71.71	83.94	6.06	68.95	78.36	88.93
2024-12-01	133.18	11.94	101.41	118.55	140.33	80.36	3.41	61.54	64.5	71.93	83.77	5.29	70.12	80.21	87.51

Table 3c: Jordan River monthly sound pressure levels (SPL) in decibels (dB). Mean (Avg) and standard deviation (Std), Q₅, Q₅₀ and Q₉₅ levels for rain and commercial vessels are given.

Date	Avg 19500 - 20500 Hz	Std 19500- 20500 Hz	Q5 19500- 20500 Hz	Q50 19500- 20500 Hz	Q95 19500- 20500 Hz	Avg 57-71 Hz	Std 57-71 Hz	Q5 57-71 Hz	Q50 57-71 Hz	Q95 57-71 Hz	Avg 113-141 Hz	Std 113- 141 Hz	Q5 113- 141 Hz	Q50 113-141 Hz	Q95 113-141 Hz
2019-01-01	79.46	7.08	63.66	72.01	86.21	108.24	7.69	89.35	103.55	114.37	105.03	7.8	85.54	96.35	111.13
2019-02-01	77.35	6.03	63.59	73.77	81.84	108.41	7.64	89.52	103.06	114.61	103.79	7.7	84.66	95.87	110.07
2019-03-01	75.27	5.77	63.79	67.69	79.07	109.88	7.52	91.69	104.85	115.92	104.96	7.94	85.44	96.38	111.53
2019-04-01	78.35	7.04	63.85	69.64	85.32	109.92	8	90.55	103.98	116.05	104.03	7.92	84.24	95.66	110.17
2019-05-01	75.99	5.77	63.8	67.9	79.67	110.48	8.34	89.39	104.56	116.27	104.66	7.87	84.71	97.14	110.57
2019-06-01	78.36	5.64	63.45	71.02	78.76	110.58	7.7	91.61	105.37	116.89	104.7	7.23	87.13	98.15	110.7
2019-07-01	77.45	5.58	63.4	68.03	78.04	110.95	8.16	90.55	104.61	117.59	103.66	6.84	86.86	97.15	109.73
2019-08-01	75.71	5.4	63.49	65.67	77.45	108.88	8.22	88.33	102.41	115.25	102.94	6.52	87.68	96.45	109.07
2019-09-01	78.67	6.73	63.62	64.91	84.37	107.52	7.95	88.15	100.85	113.97	104.06	7.39	86.12	95.74	110.17
2019-10-01	79.26	7.26	63.59	68.07	86.27	107.41	8.34	86.05	100.58	113.87	103.99	8	83.92	95.43	110.37
2019-11-01	78.96	7.07	63.49	67.62	84.13	108.14	7.79	88.94	102.42	114.29	105.17	8.03	85.15	97.32	111.43
2019-12-01	80.44	7.59	63.14	71.44	86.61	108.05	8.19	87.27	101.98	114.52	105.63	8.15	84.62	96.27	111.46
2020-01-01	82.22	7.78	63.31	76.08	88.78	107.9	7.94	88.54	101.99	114.44	104.74	7.7	85.47	96.52	111.05
2020-02-01	77.78	6.92	63.18	70.95	84.17	108.31	7.94	88.58	102.45	114.52	104.85	7.63	85.71	96.5	110.85
2020-03-01	75.7	6.4	63.13	69.93	79.67	108.3	8	88.52	102.73	114.72	105.35	7.86	86.19	96.82	111.63
2020-04-01															
2020-05-01	77.81	6.01	63.93	71.35	82.27	105.42	7.58	87.02	99.61	111.61	104.33	7.79	85.04	95.85	110.66
2020-06-01	75.37	5.51	63.88	67.87	79.31	105.05	7.7	85.95	99.7	111.21	103.76	7.39	84.75	96.08	109.86
2020-07-01	75.96	5.32	63.91	68.82	78.17	107.14	7.88	87.3	100.29	113.22	104.45	6.53	88.35	98.1	110.09
2020-08-01	76.55	5.63	63.87	66.74	78.12	105.46	7.82	85.91	99.92	111.46	103.13	6.59	87.43	95.97	109.11
2020-09-01	78.38	6.52	63.62	65.37	82.2	106.12	7.85	86.72	100.09	112.41	103.64	7.26	85.56	95.16	109.66
2020-10-01	77.75	6.74	63.6	66.68	82.98	108.71	7.98	88.23	102.03	114.43	105.46	8.22	83.75	95.92	110.63
2020-11-01	78.85	7.09	63.92	70.15	85.63	107.36	8.1	87.16	101.32	113.57	104.64	8.2	83.97	95.65	110.52
2020-12-01	80.24	7.34	63.9	73.87	86.76	107.06	8.04	87.76	100.64	113.54	104.04	8.08	83.98	95.48	110.41
2021-01-01	79.31	6.88	64.04	72.41	86.15	107.14	7.55	88.54	101.57	113.37	104.88	8.18	83.98	96.31	111

2021-02-01	79.3	6.33	63.97	75.36	83.33	107.62	7.49	89.67	101.73	113.8	104.74	7.85	84.95	96.12	110.66
2021-03-01	79.2	6.36	64.64	69.14	83.57	109.7	7.63	89.84	102.23	114.72	105.39	7.65	85.76	96.23	110.85
2021-04-01	76.05	5.5	64.66	69.92	79.27	107.53	8.34	86.5	99.96	113.83	104.49	7.69	85.4	95.87	110.47
2021-05-01	76.2	5.33	64.68	70.76	79.01	108.52	8.48	87.1	101.4	115.01	104.8	7.86	84.49	96.61	110.79
2021-06-01	76.11	6.12	63.59	67.43	79.82	110.87	7.41	89.58	102.79	114.04	106.82	7.27	86.32	96.9	110.37
2021-07-01	76.27	4.85	64.08	72.67	78.67	107.64	7.56	89.05	102.73	113.69	103.49	6.48	87.44	97.44	109.23
2021-08-01	76.14	5.54	63.72	68.38	78.59	107.89	7.81	88.46	102.5	114.2	102.83	6.22	88.18	96.53	108.59
2021-09-01	80.19	7.59	63.61	65.74	87.79	108.04	7.47	90	103.12	114.23	103.87	6.66	88.12	97	109.82
2021-10-01	80.39	7.83	63.71	68.21	86.68	108.48	7.22	90.74	102.65	114.62	103.54	7.18	85.69	96.31	109.45
2021-11-01	82.79	7.9	63.9	74.46	89.84	107.14	7.34	88.87	102.53	113.01	104.58	7.9	83.57	95.4	109.75
2021-12-01	79.8	6.03	64.42	74.88	85.75	107.69	7.61	89.05	101.93	113.59	102.92	7.47	84.01	95.64	109.28
2022-01-01	81.67	7.55	63.67	73.12	88.36	108.04	7.51	89.41	103.06	113.89	104.22	7.41	85.41	96.75	110.14
2022-02-01	76.9	6.27	63.54	69.25	81.48	108.85	6.87	92.29	103.86	114.57	105.24	7.31	87.11	97.63	111.03
2022-03-01	78.4	7.15	63.35	69.66	85.11	108.12	7.38	89.81	102.83	113.8	104.72	7.27	86.73	97.16	110.56
2022-04-01	78.34	7.33	63.37	70.96	84.98	106.82	7.36	89	101.67	112.91	104.22	7.48	85.48	96.42	109.85
2022-05-01	78.82	6.89	63.45	71.15	84.93	108.24	7.78	88.81	102.27	114.33	103.91	7.49	85.27	96.83	109.93
2022-06-01	78.21	6.5	63.4	67.46	82.29	108.13	7.67	88.98	102.14	114.19	104.93	7.41	86.17	96.86	110.13
2022-07-01	77.65	5.53	64.58	70.39	79.9	110.32	7.88	89.43	102.45	115.04	104.49	6.56	87.66	98.2	109.57
2022-08-01	76.05	5.46	64.59	68.69	78.81	109.06	7.45	91.01	103.36	115.12	103.33	5.97	89.43	97.67	108.95
2022-09-01	75.33	5.19	64.56	67.07	78.57	108.81	7.56	90.27	103.59	114.88	104.39	6.44	88.37	97.9	109.67
2022-10-01	78.96	7.04	64.47	65.43	85.72	108.37	7.72	89.6	102.46	114.64	103.42	7.5	84.89	95.79	109.45
2022-11-01	79.71	6.49	64.49	74.97	85.39	107.67	7.26	89.85	102.43	113.67	103.53	7.63	84.87	95.01	109.87
2022-12-01	80.28	6.78	64.47	75.42	85.83	106.88	7.47	88.35	102.04	113.01	104.04	7.48	85.35	95.54	109.9
2023-01-01	79.83	7.12	64.38	72.31	86.64	107.24	7.63	88.01	102.12	113.43	104.94	7.89	84.43	95.71	110.5
2023-02-01	79.27	6.32	64.43	74.89	84.96	107.13	7.53	88.61	101.81	113.57	103.16	7.41	84.95	94.85	109.67
2023-03-01	77.58	6.56	64.39	70.33	82.18	107.63	7.49	89.58	101.94	113.73	104.37	7.21	86.47	96.93	110.25
2023-04-01	79.58	7.09	64.5	71.23	85.92	107.5	7.61	88.49	102.97	113.51	104.54	7.28	86.11	97.65	110.58
2023-05-01	76.9	5.37	64.52	71.64	79.41	109.42	8.05	89.35	102.68	115.9	104.33	7.23	86.6	97.92	110.18
2023-06-01	77.85	5.43	64.59	73	79.91	108.36	7.7	89.56	102.8	114.78	104.17	7.08	86.59	97.54	109.62
2023-07-01	77.06	5.8	63.4	71.85	79.27	108.4	7.78	88.37	101.49	113.9	103.95	6.47	86.6	97.24	108.31

2023-08-01	75.49	5.46	63.42	67.31	78.55	107.91	7.74	88.24	101.02	113.93	103.16	6.59	86.65	96.13	108.24
2023-09-01	77.37	6.02	63.38	64.9	80.4	107.7	6.95	90.72	102.86	113.52	103.22	6.79	86.63	96.64	109.27
2023-10-01	77.18	6.5	63.04	67.58	83.49	110.13	7.74	89.59	102.75	114.91	104.3	7.29	84.5	96.29	109.06
2023-11-01	77.26	6.42	62.9	69.98	82.76	109.19	8.23	88.38	102.51	115.81	102.86	7.19	84.97	95.76	108.95
2023-12-01	78.88	7.25	62.88	71.43	85.8	108.92	8.07	88.93	102.93	115.31	103.89	7.32	85.37	95.98	109.56
2024-01-01	79.26	6.8	62.93	74.79	85.61	108.5	7.52	90.25	103.32	114.63	102.75	6.85	86.06	96.05	108.78
2024-02-01	76.92	6.7	62.77	71.45	82.62	109.44	7.74	89.79	103.55	115.52	105.05	7.52	85.45	96.2	110.36
2024-03-01	77.31	6.81	63.27	68.58	83.34	108.63	7.44	90.14	103.33	114.81	103.61	7.69	84.32	96.01	109.79
2024-04-01	78.12	6.95	63.31	70.18	84.56	107.89	7.82	88.69	102.43	113.96	103.72	7.45	85.16	96.54	109.71
2024-05-01	77.2	6.12	63.33	70.1	81.61	108.21	7.47	89.61	102.81	114.28	103.78	7.02	86.62	97.52	109.46
2024-06-01	75.9	5.88	63.33	68.24	79.91	107.66	7.3	90.26	102.6	113.65	104.04	7.07	87.05	98.12	109.87
2024-07-01	75.28	5.28	63.44	69.59	78.1	108.82	7.79	88.37	101.24	113.45	104.45	6.83	87.11	96.83	109.76
2024-08-01	77.08	6.15	63.42	67.7	80.47	106.59	7.79	87.68	101.12	112.82	102.54	6.82	86.02	95.6	108.66
2024-09-01	76.48	5.91	63.38	65.14	79.35	107.5	7.34	89.48	101.87	113.41	103.13	6.61	87.09	96.85	109.26
2024-10-01	79.09	7.32	63.47	65.7	86.47	108.72	7.5	89.36	102.52	114.03	103.79	7.29	85.26	95.8	109.28
2024-11-01	79.06	7.18	63.67	70.46	85.83	109.35	7.79	89.75	103.24	115.49	105.58	7.67	85.2	95.72	110.29
2024-12-01	79.92	6.56	63.81	73.73	85.87	110.18	8.09	89.45	103.54	116.28	103.37	7.47	84.65	95.7	109.37

Table 4a: Sooke monthly sound pressure levels (SPL) in decibels (dB). Mean (Avg) and standard deviation (Std), Q₅, Q₅₀ and Q₉₅ levels for broadband and SRKW echolocation and communication ranges are given.

Date	Avg 10-100000Hz	Std 10-100000Hz	Q5 10-100000Hz	Q50 10-100000Hz	Q95 10-100000Hz	Avg 15000-100000Hz	Std 15000-100000Hz	Q5 15000-100000Hz	Q50 15000-100000Hz	Q95 15000-100000Hz	Avg 500-15000Hz	Std 500-15000Hz	Q5 500-15000Hz	Q50 500-15000Hz	Q95 500-15000Hz
2019-01-01	133.52	8.96	108.82	121.29	138.96	93.74	4.76	83.18	87.64	97.72	108.18	5.58	94.68	102.65	112.78
2019-02-01	130.59	8.24	109.18	120.95	136.67	93.28	4.25	83.22	89.02	94.91	107.28	5.14	95.52	103.46	112.14
2019-03-01	126.46	7.3	109.15	120.44	133.16	92.77	3.85	83.42	85.54	93.57	108.07	6.01	93.99	103.22	113.66
2019-04-01	127.41	7.33	109.22	120.08	133.14	93.36	4.65	83.43	87.41	96.35	109.32	5.55	95.97	104.89	114.21
2019-05-01	127.63	7.69	109.03	120.86	134.37	94.53	4.51	83.36	86.78	94.58	110.41	5.55	97.22	105.54	115.18
2019-06-01	125.74	6.89	109.29	118.75	132.91	94.89	4.29	83.29	89.45	95.17	110.4	4.81	99.49	106.46	115.07
2019-07-01	130.34	8.71	107.6	118.61	137.18	94.01	4.25	83.27	87.57	95.79	109.14	5.24	96.73	105.45	114.11
2019-08-01	132.51	8.73	108.78	118.37	137.49	95.06	4.55	83.48	87.42	96.93	110.02	5.83	96.22	106.17	115.02
2019-09-01	127.27	7.73	108.72	120.04	134.28	96.94	5.4	83.51	87.07	99.92	109.4	5.93	95.1	105.25	114.61
2019-10-01	127.93	8.2	108.52	120.32	135.46	94.07	4.29	83.49	85.9	94.01	108.89	5.98	94.25	104.1	113.83
2019-11-01	130.38	8.92	107.72	120.74	137.72	93.22	4.18	83.49	89.22	94.33	109.54	5.29	96.39	105.11	114.08
2019-12-01	128.39	8.81	106.44	118.72	135.97	94.42	4.99	83.21	86.37	99.04	107.93	5.96	93.51	102.08	113.01
2020-01-01	128.17	8.61	106.21	118.71	135.03	94.1	5.11	83.34	90.58	99.92	107.84	5.73	93.54	103.88	112.55
2020-02-01	129.78	8.98	106.76	117.16	136.44	92.87	4.99	83.32	88.23	98.35	106.79	5.1	94.76	103.36	111.33
2020-03-01															
2020-04-01															
2020-05-01	123.46	7.28	105.71	116.39	130.37	98.45	4.6	83.37	89.47	95.81	108.33	5.22	95.72	104.24	113.26
2020-06-01	123.86	7.13	106.98	117.48	130.38	91.65	3.9	83.45	88.21	94.46	107.8	5.17	95.73	103.95	112.68
2020-07-01	125.69	7.91	106.45	119.1	132.53	97.9	3.82	84.29	89.19	94.43	108.98	5.74	95.37	104.49	114.87
2020-08-01	125.97	7.65	107.99	117.94	133.25	94.48	3.69	84.86	88.86	95.5	107.69	5.61	93.88	103.88	112.79
2020-09-01	131.63	9.19	108.12	120.53	138.47	98.74	5.99	82.54	86.91	100.94	108.19	6.71	90.69	102.91	112.82
2020-10-01	132.63	9.09	108.84	120.78	138.61	97.23	5.6	82.51	88.11	99.69	107.91	6.53	91.5	103.25	113.16
2020-11-01	123.78	6.99	107.28	117.96	130.28	93.7	4.94	83.49	87.15	98.48	107.46	5.76	93.89	102.16	112.75
2020-12-01	125.32	7.91	105.78	118.47	132.04	93.27	4.59	83.63	88.83	97.87	108.27	5.99	93.71	102.48	113.63
2021-01-01	123.78	7.61	105.29	117.33	130.54	94.47	4.87	83.67	89.68	99.31	107.72	5.64	94.27	102.03	113.37

2021-02-01															
2021-03-01	123.4	6.98	106.32	118.7	129.12	91.76	4.34	83.4	86.62	94.75	108.49	5.76	94.81	103.69	113.7
2021-04-01	127.35	7.5	107.61	118.69	131.81	95.32	4.25	83.34	87.39	94.86	108.46	5.36	96.54	104.43	114.42
2021-05-01	130.38	8.89	106.81	119.38	137.21	92.34	3.86	83.38	88.85	94.23	109.02	5.28	97.16	104.46	114.56
2021-06-01	133.33	9.96	108.08	121.44	140.49	94.3	4.18	83.84	87.42	94.7	108.77	5.21	96.68	104.62	113.9
2021-07-01	136.27	10.65	110.47	123.75	144.03	93.47	3.29	85.34	90.48	94.32	108.49	4.36	99.17	104.96	113.1
2021-08-01	135.64	10.1	110.9	123.77	143.6	95.43	3.74	84.13	88.85	93.93	107.35	4.93	95.63	104.12	111.93
2021-09-01	135.28	9.98	110.47	124.62	143.33	96.77	5.36	83.88	87.48	100.68	108.63	5.81	94.05	103.75	112.83
2021-10-01	132.3	9.05	109.06	121	139.25	99.97	6.23	82.61	88.68	101.85	108.53	5.74	95.17	104.06	113.77
2021-11-01	126.7	7.96	107.23	119.64	133.55	95.29	5.45	82.75	90.07	100.93	107.38	5.67	93.31	102.53	111.82
2021-12-01	128.73	8.7	107.12	119.91	135.84	94.54	4.52	83.39	90.63	98.53	107.69	4.83	96.4	103.54	112.6
2022-01-01	128.91	9.13	106.45	120.1	136.15	94.54	5.45	82.61	88.27	100.22	108.35	5.67	94.75	103.24	113.44
2022-02-01	127.2	7.71	108.85	119.4	134.21	93.85	4.75	82.46	87.95	95.97	109.59	5.1	96.48	104.04	113.1
2022-03-01	123.75	6.77	107.64	117.98	129.75	92.59	4.92	83.07	86.73	97.63	108.76	5.94	94.57	103.75	113.83
2022-04-01	123.36	6.48	107.99	117.61	129.21	93.19	4.58	83.42	88.47	96.48	108.88	5.43	95.96	104.61	113.94
2022-05-01	125.26	6.98	108.37	119.39	131.37	93.49	4.37	83.43	89.2	96.37	109.13	5.37	96.99	105.16	114.66
2022-06-01	126.92	7.51	108.83	119.73	133.52	93.95	4.65	83.36	87.63	96.62	109.31	5.25	96.64	105.32	114.21
2022-07-01	132.12	8.89	109.15	120.1	139.41	96.27	4.6	82.93	88.53	96.53	110.62	5.68	97.04	106.06	115.33
2022-08-01	131.46	8.63	110.56	120.34	138.95	94.33	4.26	82.89	87.36	94.46	109.06	5.97	94.98	104.77	114.53
2022-09-01	131.24	8.47	110.43	120.85	139.27	95.66	4.68	82.69	87.48	95.67	110.33	6.03	95.4	105.27	115.1
2022-10-01	131.75	9.09	109.6	120.58	139.21	99.64	5.91	82.75	87.45	100.84	108.65	6.17	93.19	103.26	113.62
2022-11-01	134.03	9.88	109.65	122.75	141.83	93.99	4.5	84.08	90.12	98.06	106.56	5.26	94.06	101.97	111.34
2022-12-01	134.5	10.4	109.02	122.19	142.33	95.13	4.59	83.94	90.63	97.28	107.71	5.53	93.31	102.39	111.5
2023-01-01	133.97	10.33	107.91	122.68	142.13	92.7	4.31	83.88	88.88	96.09	106.76	5.74	93.54	102.05	112.61
2023-02-01	133.48	9.61	109.44	123.85	141.32	92.9	4.43	83.77	89.8	95.85	106.86	5.22	94.22	103.63	111.41
2023-03-01	132.3	9.08	109.49	121.82	139.34	94.43	4.64	83.05	88.38	95.28	108.55	5.65	94.53	104.46	113.4
2023-04-01	132.5	9.51	108.53	121.46	139.94	94.48	4.84	82.92	88.08	96.13	109.29	5.91	94.23	104.54	114.07
2023-05-01	134.68	10.2	108.89	121.46	142.82	96.02	4.75	82.92	89.52	95.25	110.82	5.27	98.22	106.12	115.79
2023-06-01	134.71	10.22	109.73	121.8	142.8	94.04	4.25	83.11	91.02	95	110.61	4.73	99.29	106.19	114.57
2023-07-01	135.27	10.74	109.23	120.35	142.86	97.53	3.98	83.97	89.54	94.74	109.13	4.63	97.86	104.77	112.52

2023-08-01	137.31	11.44	108.54	120.39	144.53	91.78	3.7	83.59	87.49	93.6	107.15	5.29	94.46	104.24	111.87
2023-09-01	133.5	9.69	109.25	120.34	141.12	93.7	4.14	83.58	86.43	95.25	107.93	5.6	94.68	103.55	112.75
2023-10-01	131.42	9.08	108.55	120.15	138.07	95.05	4.69	83.66	87.07	97.37	107.36	6.22	91.36	101.91	111.81
2023-11-01	127.43	8.36	107.15	119.05	134.61	92.56	4.44	83.85	87.84	97.06	105.85	5.78	92.18	101.1	111.42
2023-12-01	128.57	8.45	107.76	119.8	136.1	93.09	4.59	83.75	88.92	97.49	106.4	5.64	92.97	101.89	111.98
2024-01-01	128.48	8.21	108.33	118.99	135.85	94.56	4.85	83.77	90.43	98.54	107.54	5.38	95.28	103.34	112.73
2024-02-01	128.53	7.97	108.81	119.61	135.4	95.19	4.49	83.65	88.6	96.1	108.64	5.55	94.6	103.8	113.01
2024-03-01	128.59	8.18	107.78	119.11	135.13	90.83	4.1	83.34	85.91	94.39	108.22	5.63	94.85	103.52	113.54
2024-04-01	133.35	9.7	109.19	121.19	141.2	92.63	4.17	83.35	88.37	94.75	109.45	5.07	97.56	105.2	114.6
2024-05-01	136.3	10.79	108.8	121.94	144.24	95.34	4.27	83.37	89.86	95.47	110.55	4.63	99.76	106.03	114.93
2024-06-01	137.67	10.62	110.22	122.1	144.88	93.51	4.1	83.44	88.13	94.57	110.72	5.16	98.58	106.05	115.5
2024-07-01	134.66	10.18	109.52	121.45	142.86	94.16	3.92	84.55	89.66	95.23	110.54	5.08	98.6	106.32	114.87
2024-08-01	134.88	10.09	110.26	123.05	142.6	95.75	4.22	85.58	89.28	98.17	110.01	5.49	96.89	106.31	114.92
2024-09-01	135.32	10.18	110.35	123.06	143.11	97.05	4.52	85.57	88.35	98.71	110.55	5.63	96.67	105.5	115.08
2024-10-01	132.87	9.21	109.83	120.75	139.72	98.17	5.67	83	86.87	100.79	110.06	6.24	94.56	103.79	114.94
2024-11-01	133.35	9.8	109.08	121.71	141.09	94.02	5.25	83.04	87.56	98.85	110.59	6.19	94.41	103.49	114.52
2024-12-01	134.16	10	109.46	122.21	141.86	93.21	4.6	83.23	88.95	97.39	109.07	5.7	96.1	103.18	114.7

Table 4b: Sooke monthly sound pressure levels (SPL) in decibels (dB). Mean (Avg) and standard deviation (Std), Q₅, Q₅₀ and Q₉₅ levels for water turbulence, echosounders and wind are given.

Date	Avg 10- 100 Hz	Std 10- 100 Hz	Q5 10- 100 Hz	Q50 10-100 Hz	Q95 10-100 Hz	Avg 49500- 50500 Hz	Std 49500- 50500 Hz	Q5 49500- 50500 Hz	Q50 49500- 50500 Hz	Q95 49500- 50500 Hz	Avg 7500- 8500 Hz	Std 7500- 8500 Hz	Q5 7500- 8500 Hz	Q50 7500- 8500 Hz	Q95 7500- 8500 Hz
2019-01-01	133.41	9.48	107.1	120.64	138.87	76.07	3.61	64.36	66.42	74	88.81	6.2	72.87	82.88	93.24
2019-02-01	130.48	8.81	107.29	120.3	136.61	76.76	3.01	64.37	67.47	71.93	88.4	6.24	72.36	83.99	91.97
2019-03-01	126.2	7.77	107.48	119.67	133.08	88.92	3.43	65.1	65.84	71.65	87.53	6.94	70.01	81.75	92.77
2019-04-01	127.16	8.04	106.74	119.17	132.98	78.17	3.34	65.09	66.66	72.64	89.15	6.85	71.2	83.57	93.38
2019-05-01	127.35	8.31	107.16	119.9	134.23	86.9	3.68	65.06	66.22	71.62	89.82	6.89	71.45	84.4	94.35
2019-06-01	125.33	7.65	106.35	117.43	132.7	82.52	3.89	63.06	66.3	70.31	90.79	5.69	75.81	86.09	94.57
2019-07-01	130.23	9.61	104.35	117.35	137.15	84.91	4.28	63.06	64.86	71.49	89.55	6.16	73.48	84.49	94.56
2019-08-01	132.44	9.59	105.72	116.97	137.44	82.54	4.27	63.25	65.88	73.56	91.16	6.52	74.08	85.91	96.45
2019-09-01	127.03	8.51	106.36	118.94	134.21	90.61	6.01	65.09	66.42	80.3	91.14	7.06	73	85.05	96.45
2019-10-01	127.72	8.85	106.06	119.36	135.35	78.27	3.07	65.12	65.85	72.36	89.64	6.59	72.95	83.09	94.07
2019-11-01	130.25	9.71	105.59	120.06	137.67	87.04	3.94	63.46	67.31	70.88	89.04	5.77	74.66	85.6	93.22
2019-12-01	128.24	9.44	104.09	117.82	135.92	80.13	3.39	62.95	64.33	72.83	87.52	6.28	70.52	80.42	91.62
2020-01-01	128.02	9.38	103.43	117.82	134.95	81.45	3.77	63.03	67.05	74.14	87.58	6.37	71.46	84.07	92.33
2020-02-01	129.68	9.9	103.36	116.1	136.39	70.34	3.7	63.03	65.75	73.45	86.81	6.3	71.15	82.02	91.26
2020-03-01															
2020-04-01															
2020-05-01	122.98	8.16	101.71	115.18	130.03	92.44	4.53	65.07	68.66	74.28	89.03	6.52	71.43	85.11	93.31
2020-06-01	123.49	7.96	103.53	116.35	130.2	71.54	2.98	65.08	67.65	72.48	88.51	6.18	72.1	84.01	92.78
2020-07-01	125.4	8.81	103.1	117.97	132.42	87.01	3.49	65.39	68.53	73.24	89.53	5.55	74.78	85.48	93.19
2020-08-01	125.74	8.43	104.76	116.89	133.17	85.85	3.51	65.57	68.13	73.83	89.63	5.9	74.56	85.25	94.34
2020-09-01	131.55	9.94	105.59	119.68	138.44	95.43	8.61	63.02	65.66	87.57	90.44	7.49	70.97	84.51	95.77
2020-10-01	132.55	9.7	106.85	119.94	138.58	92.72	7.34	63	66.06	84.52	90.14	7.14	71.76	85.46	95.55
2020-11-01	123.36	7.59	105.04	117.11	129.96	79.26	3.86	65.1	66.72	75.84	88.52	6.51	72.78	82.82	93.94
2020-12-01	124.99	8.63	103.17	117.63	131.9	72.33	3.5	65.14	68.07	75.4	88.82	6.36	72.27	83.54	93.34
2021-01-01	123.4	8.35	102.88	116.48	130.35	73.14	3.73	65.14	68.77	76.29	88.46	5.94	73.28	83.61	92.87

2021-02-01															
2021-03-01	122.84	7.77	103.34	117.88	128.54	72.23	3.05	64.64	65.88	71.96	88.46	6.79	71.25	83.02	93.1
2021-04-01	127.13	8.08	105.41	117.71	131.55	84.59	3.23	64.6	66.33	71.92	87.97	6.5	71.55	83.98	93.16
2021-05-01	130.26	9.8	103.56	118.52	137.16	81.03	2.89	64.6	67.38	71.62	89.02	5.98	74.16	84.97	93.86
2021-06-01	133.26	10.68	105.6	120.62	140.45	84.62	3.46	64.13	65.4	70.84	89.45	6.61	72.66	84.55	94.79
2021-07-01	136.23	11.32	108.17	123.2	144	79.15	3.15	64.64	68.03	70.9	89.94	4.32	79.97	86.48	94.19
2021-08-01	135.6	10.73	108.9	123.3	143.58	77.39	3.36	64.19	66.81	70.54	89.91	5.21	76.78	85.92	94.32
2021-09-01	135.24	10.66	108.17	124.2	143.32	86.56	6.11	64.14	65.55	79.85	90.75	6.75	73.18	85.11	95.71
2021-10-01	132.22	9.64	106.91	120.18	139.22	97.45	8.5	63.24	66	88.06	90.69	6.82	73.54	85.14	96.13
2021-11-01	126.47	8.6	104.95	118.86	133.47	75.19	4.06	63.33	67.37	75.88	89.21	6.05	73.5	85	93.83
2021-12-01	128.59	9.58	104.42	119.16	135.78	72.4	3.43	63.52	68.05	74.04	88.75	5.15	76.03	85.36	93.37
2022-01-01	128.76	9.87	104.14	119.04	136.1	77.73	4.02	63.28	66.14	75.3	89.22	6.52	72.29	83.52	93.92
2022-02-01	126.95	8.35	106.63	118.43	134.11	76.58	3.67	63.22	65.95	71.7	89.29	6.31	72.46	83.8	92.92
2022-03-01	123.29	7.2	105.73	116.93	129.36	75.83	3.47	63.36	66.37	73.34	88.68	7.14	70.33	82.6	94.21
2022-04-01	122.87	7.06	105.51	116.5	128.8	77.66	3.32	65.14	67.53	73.45	89.47	6.73	72.17	84.54	94.25
2022-05-01	124.93	7.72	105.99	118.37	131.17	79.33	3.31	65.14	68.17	73.14	89.21	6.53	72.38	85.39	94.33
2022-06-01	126.67	8.22	106.31	118.5	133.44	79.53	3.57	65.11	66.94	73.84	89.97	6.58	72.81	85.22	94.53
2022-07-01	131.95	9.56	106.71	119.09	139.27	89.04	4.46	60.4	63.19	70.81	90.27	6.07	74.57	85.39	95.24
2022-08-01	131.38	9.22	108.36	119.52	138.92	84.21	3.73	60.4	62.2	67.37	89.73	5.99	74.32	85.22	94.78
2022-09-01	131.14	9.05	108.35	119.86	139.24	84.2	4.7	60.37	62.21	72.62	91.43	6.6	73.44	85.43	96.04
2022-10-01	131.67	9.64	107.72	119.81	139.18	95.86	7.11	60.4	63.82	79.24	90.15	7.06	72.09	84.21	95.23
2022-11-01	134	10.34	108.5	122.2	141.83	72.41	3.27	63.39	66.67	72.28	88.4	5.5	75.03	84.18	93.16
2022-12-01	134.46	10.98	107.21	121.55	142.32	73.09	3.47	63.34	67.1	72.57	89.36	6.13	73.11	84.66	92.9
2023-01-01	133.93	10.92	106.26	122.03	142.12	77.77	2.98	63.32	65.69	70.64	87.87	6.22	72.41	83.34	93.24
2023-02-01	133.44	10.21	107.64	123.4	141.31	68.58	3	63.26	66.34	70.86	87.91	6.3	72.31	84.37	92.33
2023-03-01	132.24	9.72	107.17	121.13	139.32	84.22	3.5	62.88	65.08	70.25	88.14	6.84	70.08	83.51	92.19
2023-04-01	132.44	10.18	106.31	120.62	139.92	76.67	3.19	62.84	64.73	69.92	88.43	7.11	68.96	82.67	92.47
2023-05-01	134.64	11.06	105.85	120.35	142.81	79.83	3.38	62.83	65.83	69.85	90.21	6.45	72.19	84.94	93.82
2023-06-01	134.67	10.97	107.13	120.84	142.79	76.94	3.2	62.85	67.15	69.97	89.46	5.38	75.35	85.97	93.36
2023-07-01	135.23	11.43	107.08	119.53	142.84	91.98	4.03	61.79	65.26	69.84	89.3	5.09	76.44	85.23	93.14

2023-08-01	137.29	12.11	106.31	119.64	144.52	70.79	2.94	61.65	63.46	68.04	88.66	6	72.48	84.6	93.59
2023-09-01	133.46	10.28	107.19	119.42	141.11	77.2	4.42	61.66	62.72	72.18	89.46	6.43	72.62	83.73	94.18
2023-10-01	131.35	9.56	107.13	119.38	138.03	87.43	5.82	61.72	63.59	77.22	88.78	6.87	71	82.88	93.54
2023-11-01	127.3	8.84	105.49	118.43	134.57	68.59	3.32	62.31	64.43	71.31	86.59	6.07	71.88	81.99	91.71
2023-12-01	128.46	8.95	106.2	119.11	136.05	71.53	3.53	62.26	65.25	72.02	87.02	6.06	71.54	82.93	91.72
2024-01-01	128.36	8.74	106.48	118.27	135.81	69.72	3.68	62.25	66.33	72.91	88.96	6.53	72.08	84.25	93.44
2024-02-01	128.37	8.44	106.95	118.86	135.36	90.8	3.77	62.19	64.84	70.74	87.59	6.58	70.68	82.87	92.06
2024-03-01	128.46	8.74	105.52	118.28	135.07	71.27	3	61.12	62.19	68.15	87.2	6.71	70.57	81.87	92.69
2024-04-01	133.3	10.42	106.73	120.26	141.19	75.15	3.15	61.11	63.87	68.37	88.96	6.15	73.22	84.41	93.2
2024-05-01	136.27	11.62	105.98	121.01	144.23	85.52	3.46	61.09	65.02	68.94	90.71	5.63	75.1	86.22	94.02
2024-06-01	137.65	11.33	107.85	121.13	144.86	79.41	3.32	61.09	63.56	68.56	90.69	6.09	74.91	85.55	95.33
2024-07-01	134.62	10.98	106.85	120.57	142.84	79.05	3.72	61.43	65.71	70.15	90.82	5.68	76.81	86.73	95.55
2024-08-01	134.84	10.9	107.75	122.35	142.59	81.95	3.86	63.74	65.42	72.49	91.39	6.15	74.7	86.83	96.35
2024-09-01	135.28	10.95	108.1	122.23	143.1	87.14	5.21	63.73	64.86	77.29	92.21	6.53	74.64	86.26	96.83
2024-10-01	132.81	9.84	107.73	119.72	139.7	94.07	6.32	61.74	63.9	77.94	90.07	7.27	71.99	82.7	95.3
2024-11-01	133.28	10.31	107.35	120.93	141.08	69.61	3.69	61.78	63.48	72.02	88.89	6.73	71.67	82.41	93.16
2024-12-01	134.11	10.5	107.89	121.37	141.85	70.41	3.46	61.83	65.04	71.6	87.41	5.9	73.29	82.81	92.75

Table 4c: Sooke monthly sound pressure levels (SPL) in decibels (dB). Mean (Avg) and standard deviation (Std), Q₅, Q₅₀ and Q₉₅ levels for rain and commercial vessels are given.

Date	Avg 19500- 20500 Hz	Std 19500- 20500 Hz	Q5 19500- 20500 Hz	Q50 19500- 20500 Hz	Q95 19500- 20500 Hz	Avg 57- 71 Hz	Std 57- 71 Hz	Q5 57- 71 Hz	Q50 57-71 Hz	Q95 57-71 Hz	Avg 113-141 Hz	Std 113-141 Hz	Q5 113- 141 Hz	Q50 113-141 Hz	Q95 113-141 Hz
2019-01-01	80.85	6.45	64.5	73.48	85.42	127.16	9.68	97.15	110.58	128.48	107.86	7.79	88.38	99.46	113.57
2019-02-01	80.25	6	64.66	75.26	82.41	122.66	9.4	97.79	111.67	127.93	106.08	7.26	88.34	99.69	111.93
2019-03-01	76.65	6.1	63.36	69.58	80.54	120.13	9.18	97.54	112.15	127.5	107.01	7.33	88.88	100.6	112.58
2019-04-01	79.66	7.1	63.34	72.82	83.88	119.5	9.07	96.72	111.1	127.27	107.28	7.06	89.97	101.09	112.64
2019-05-01	79.61	6.82	63.23	71.76	81.79	120.09	9.33	96.85	111.96	127	108.21	7.14	90.4	102.12	113.53
2019-06-01	81.6	5.67	65.31	76.14	82.25	116.38	7.33	98.4	110.27	122.74	106.86	6.31	91.97	101.6	112.66
2019-07-01	80.04	5.53	65.23	73.69	82.7	115.5	7.92	95.88	109.43	121.8	106.1	6.38	90.61	101.19	112.09
2019-08-01	81.2	6.28	63.91	73.04	84.19	115.27	7.36	96.14	107.57	120.52	106.67	6.17	92.32	101.96	113.06
2019-09-01	81.84	7.22	63.56	71.97	86.58	112.22	6.59	96.05	107.79	118.1	106.79	6.46	91.35	101.63	112.44
2019-10-01	78.77	6.42	63.43	70.08	80.77	112.43	6.87	95.88	107.45	118.71	107.3	6.95	90.85	100.49	113.25
2019-11-01	78.76	6.2	63.61	75.49	81.6	115.13	7.96	95.75	109.29	121.76	106.97	6.99	89.41	101.22	112.68
2019-12-01	81.83	6.9	64.94	71.98	87.3	113.51	8.06	93.48	107.71	120.03	106.15	7.37	87.42	98.75	111.73
2020-01-01	81.66	6.94	65.1	77.63	88.12	113.21	7.96	92.78	107.44	119.72	105.61	7.75	86.16	98.41	111.38
2020-02-01	80.49	6.97	65.04	74.52	86.5	114.63	8.55	92.53	105.86	121.14	105.56	7.58	86.55	97.72	111.12
2020-03-01															
2020-04-01															
2020-05-01	79.79	6.61	63.39	75.66	82.9	111.32	7.29	92.57	106.76	117.17	105.84	7.33	87.25	98.67	111.61
2020-06-01	77.97	5.98	63.57	73.57	81.38	111.33	6.79	95.08	107.53	116.96	105.47	6.56	89.27	99.45	111.13
2020-07-01	80.83	5.65	64.57	74.43	80.86	113.42	7.59	94.11	108.22	119.33	105.69	6.6	88.76	100.59	110.98
2020-08-01	79.47	5.64	64.41	73.19	81.99	111.57	6.71	95.52	107.18	117.64	105.24	5.95	90.92	101.01	110.52
2020-09-01	81.84	7.15	63.83	71.85	86.65	114.58	7.51	95.82	108.47	120.66	106.64	6.65	90.05	100.73	111.98
2020-10-01	80.45	7.11	63.83	74.1	85.39	118.3	7.83	97.1	109.19	122.66	107	7.09	89.95	101.02	112.69
2020-11-01	79.58	7.04	63.62	72.2	85.77	111.24	6.81	94.63	106.94	117.03	106.41	7.22	88.09	98.67	112.09
2020-12-01	80.08	6.59	63.84	74.52	85.21	111.78	7.37	93.72	106.99	117.87	106.57	7.76	86.8	98.86	112.82
2021-01-01	81.41	6.84	64.12	75.76	86.98	110.9	7.52	91.88	106.22	117.21	105.45	8.18	84.73	96.54	111.79
2021-02-01															

2021-03-01	78.43	6.6	63.61	71.61	82.05	113.78	7.94	94.19	108.91	119.57	107.49	7.55	88.28	100.05	112.91
2021-04-01	77.72	6.39	63.46	72.84	82.13	115.13	7.8	95.98	108.92	121.05	107.61	7.21	89.75	100.53	113.86
2021-05-01	78.3	5.69	63.67	74.88	81.31	116.43	8.67	94.31	109.93	122.4	108.26	7.66	89.2	101.06	114.57
2021-06-01	79.17	6.17	65.33	73.46	82.67	116.67	7.83	96.3	109.15	122.17	108.75	7.19	91.5	102.21	115.06
2021-07-01	80.83	4.18	69.93	77.77	82.12	116.26	7.89	97.06	109.48	123.35	108.7	6.74	92.54	102.71	114.82
2021-08-01	80.97	5.24	66.37	75.69	81.84	115.75	7.91	95.72	108.55	122.7	107.94	6.62	92.02	102.31	114.19
2021-09-01	82.98	6.96	65.45	73.53	88.48	114.74	7.72	95.3	108.02	121.87	106.86	6.23	92.04	101.69	112.86
2021-10-01	82.5	7.22	64.67	75.24	87.92	113.88	6.88	96.64	107.54	119.88	107.19	6.59	91.04	100.86	112.65
2021-11-01	82.78	7.02	64.94	77.14	89.11	111.72	7	94.63	107.2	117.84	107.16	6.93	89.49	99.85	112.16
2021-12-01	81.55	5.67	66.77	77.62	86.49	112.47	7.56	93.76	107.03	118.28	106.27	7.22	88	99.94	112.37
2022-01-01	82.08	7.16	64.4	74.68	88.31	112.23	7.26	94.1	107.34	118.21	107.16	7.19	89.14	100.47	112.98
2022-02-01	80.87	6.52	64.1	74.38	83.39	111.69	6.57	96.1	107.03	117.33	106.81	6.55	90.66	100.15	112.39
2022-03-01	79.79	7.27	63.48	71.85	85.62	111.59	6.59	95.54	107.24	117.09	106.07	6.77	89.74	100.17	112.14
2022-04-01	79.78	6.82	63.52	74.32	83.86	111.12	6.56	95.22	106.8	117.05	106.17	6.72	89.68	99.61	111.6
2022-05-01	79.08	6.42	63.62	75.2	83.77	112.15	6.83	95.67	107.64	118.19	106.05	6.48	90.51	100.5	111.74
2022-06-01	80.37	6.73	63.38	73.08	83.64	112.16	6.49	96.35	108.15	117.82	107.07	6.07	92.1	101.44	111.91
2022-07-01	81.56	5.78	66.17	75.75	84.49	115.45	7.39	97.15	109.02	121.93	109.87	6.8	92.94	103.22	115.71
2022-08-01	80.67	5.63	66.05	74.34	82.51	112.97	6.44	97.82	108.48	119.02	107.1	5.69	93.51	103.01	111.98
2022-09-01	83.16	6.15	65.51	74.49	83.69	112.72	6.21	97.97	108.38	118.4	107.5	5.85	93.49	102.78	112.48
2022-10-01	82.92	7.33	65.38	73.53	88.33	112.56	6.65	96.67	108.08	118.28	107.04	6.44	91.21	101.59	112.14
2022-11-01	81.56	6.07	66.13	76.9	86.28	112.51	6.96	96.04	107.78	118.74	106.4	7.06	89.41	99.92	112.43
2022-12-01	82.5	6.27	65.8	77.45	84.97	112.38	7.22	94.97	107.39	118.74	107.29	7.37	88.95	100.14	113.36
2023-01-01	80.03	6.14	65.62	75.13	84.05	112.31	7.62	93.39	107.67	118.63	107.19	7.61	87.75	100.42	112.62
2023-02-01	80.33	6.28	65.37	76.54	83.55	111.68	7.22	94.54	106.68	118.18	105.99	7.1	88.85	99.49	111.86
2023-03-01	81.09	6.54	65.17	75.03	83.16	111.39	6.83	94.54	106.93	117.23	106.16	6.76	89.46	99.72	111.29
2023-04-01	81.77	6.65	65.11	74.82	84.09	111.2	6.99	93.74	106.99	117.08	106.18	7	88.45	99.3	111.51
2023-05-01	83.24	6.42	65.12	76.5	83.12	112.73	7.15	95.22	107.6	119.19	106.21	6.45	90.5	100.59	111.67
2023-06-01	81.64	5.7	65.68	78.29	82.92	113.19	6.68	97.12	108.31	119.41	105.93	6.06	91.56	101.05	111.22
2023-07-01	80.38	5.37	65.45	75.61	82.12	113.48	7.23	96.64	108.28	119.58	108.46	7.02	91.74	101.84	114.4
2023-08-01	78.22	5.45	64.15	72.83	80.42	113.31	7.19	95.98	107.75	119.3	107.58	6.69	91.7	101.77	114.23

2023-09-01	79.81	5.91	64.06	71.14	82	112.18	6.18	97.77	108.12	117.94	106.54	6.21	92.07	101.63	112.17
2023-10-01	80.19	6.43	64.25	71.86	83.69	112.01	6.21	96.74	106.52	117.25	106.43	6.75	89.86	100.02	112.06
2023-11-01	79.5	6.3	64.67	73.23	84.64	110.53	7.15	92.97	105.36	116.3	105.53	7.26	86.84	97.62	111.26
2023-12-01	79.91	6.62	64.28	74.6	84.82	110.41	6.89	93.53	105.65	116.15	106.39	7.56	86.65	98.21	111.48
2024-01-01	81.45	6.71	64.36	76.62	86	110.11	6.61	94.3	105.69	116.1	105.13	6.91	87.52	97.87	110.7
2024-02-01	79.62	6.48	64	74.21	83.39	110.65	6.68	94.43	106.38	116.36	106.58	7.23	87.6	98.35	111.84
2024-03-01	77.02	6.5	62.74	69.91	81.37	111.42	6.6	95.5	106.7	117.48	106.63	7.18	89.37	100.44	112.28
2024-04-01	78.77	6.39	62.86	73.77	81.75	112.12	6.61	96.21	107.36	118.08	106.84	6.61	91.13	101.9	112.2
2024-05-01	80.65	6.25	62.91	75.66	82.35	113.87	7.31	95.63	108.44	120.22	107.22	6.85	90.72	101.87	112.97
2024-06-01	79.48	6.05	63.3	73.4	81.37	114.44	6.98	97.88	108.8	121.09	107.57	6.42	92.97	102.42	113.47
2024-07-01	80.37	5.71	66.1	75.44	82.43	114.62	7.57	95.84	108.01	121.29	107.19	6.13	91.87	102.11	111.91
2024-08-01	81.94	6.1	66.14	74.98	85.81	115.36	7.57	96.86	108.29	121.82	106.24	5.84	92.52	102.21	111.76
2024-09-01	83.43	6.45	66.08	73.34	86.09	114.99	7.38	97.07	108.36	121.36	106.21	5.99	91.96	101.97	111.57
2024-10-01	82.25	7.54	63.5	71.64	87.88	112.73	6.52	97.35	107.83	118.58	106.72	6.22	91.44	100.94	112.01
2024-11-01	81.11	7.43	63.6	73.38	86.51	112.86	6.89	96.26	107.84	118.97	107.49	6.84	90.13	100.41	112.61
2024-12-01	80.22	6.27	64.27	74.97	84.86	113.04	6.87	96.62	107.87	119.29	106.18	6.74	89.66	99.76	111.98

Table 5a: Haro Strait monthly sound pressure levels (SPL) in decibels (dB). Mean (Avg) and standard deviation (Std), Q₅, Q₅₀ and Q₉₅ levels for broadband and SRKW echolocation and communication ranges are given.

Date	Avg 10-100000Hz	Std 10-100000Hz	Q5 10-100000Hz	Q50 10-100000Hz	Q95 10-100000Hz	Avg 15000-100000Hz	Std 15000-100000Hz	Q5 15000-100000Hz	Q50 15000-100000Hz	Q95 15000-100000Hz	Avg 500-15000Hz	Std 500-15000Hz	Q5 500-15000Hz	Q50 500-15000Hz	Q95 500-15000Hz
2019-01-01	125.95	11.31	95.32	112.56	131.97	92.41	4.84	82.67	87.1	97.45	108.39	8.24	86.44	99.66	114.86
2019-02-01	124.27	10.44	96.64	112.59	130.54	92.53	4.55	82.71	88.7	96.66	108.36	7.99	87.12	100.91	114.63
2019-03-01	127.05	11.23	95.82	114.44	132.42	93.5	4.75	83.15	85.75	97.81	109.43	9.05	84.85	98.38	115.87
2019-04-01	124.82	11.09	95.25	113.11	131.18	94.31	4.98	83.17	86.74	98.45	109.59	8.86	85.27	99.98	115.67
2019-05-01	125.95	11.22	95.14	112.79	131.59	94.81	5.11	83.15	85.81	98.7	109.94	8.99	86	100.97	116.53
2019-06-01	122.84	10.81	94.14	110.84	129.46	94.45	5.01	83.29	86.86	98.49	110.02	8.31	87.99	101.96	116.15
2019-07-01	122.49	10.55	93.42	109.85	128.25	94.59	4.95	83.31	86.38	98.47	109.1	8.64	85.59	101.72	114.99
2019-08-01	121.33	10.31	93.14	109.85	127.57	93.81	4.86	82.93	85.58	97.72	109.64	8.78	85.34	102.01	115.22
2019-09-01	119.96	9.9	93.51	109.49	126.34	92.99	4.89	82.85	85.64	97.79	108.33	8.52	86	100.89	114.69
2019-10-01	120.62	10.83	91.16	107.24	126.8	92.74	4.84	82.81	85.81	97.74	108.01	8.7	84.53	98.98	114.79
2019-11-01	122.35	11.75	90.15	108.65	129.18	93.67	5.16	82.74	85.76	98.14	109.23	9.39	83.49	98.89	115.65
2019-12-01	121.9	11.43	91.56	108.31	128.54	92.47	5.02	82.43	87.18	97.95	108.04	8.8	84.18	98.46	114.66
2020-01-01	121.69	10.01	95.71	108.43	128.22	93.31	4.64	82.91	90.05	98.29	108.2	7.24	89.54	101.43	113.95
2020-02-01	122.11	10.67	93.49	108.81	128.42	93.09	5.14	82.47	87.48	98.89	108.26	8.38	86.1	99.93	115.04
2020-03-01	121.8	10.89	93.12	109.4	128.34	91.52	4.59	82.36	86.2	95.96	107.77	8.29	86.33	98.89	114.73
2020-04-01															
2020-05-01															
2020-06-01															
2020-07-01	125.84	10.31	94.93	111.08	128.79	95.54	3.85	84.82	86.97	95.59	109.12	8.59	84.71	100.43	114.28
2020-08-01	123.31	10.16	95.76	111.74	129.5	92.52	3.88	85.3	87.09	96.69	107.61	8.53	84.31	100.78	113.56
2020-09-01	123.56	10.18	95.87	111.34	129.56	93.67	4.21	85.29	86.82	97.89	108.78	8.81	84.6	100	114.08
2020-10-01	123.77	9.98	96.17	111.81	128.96	95.66	4.53	85.37	87.79	98.5	108.57	8.37	85.89	101.55	114.53
2020-11-01	122.93	10.87	93.4	110.78	129.82	93.07	4.99	82.84	88.14	98.34	108.79	8.34	85.77	101.07	115.01
2020-12-01	123.38	10.96	93.88	110.58	130.37	93.34	5.12	82.92	87.88	98.74	109.11	8.43	86.62	100.09	115.32
2021-01-01	123.18	10.86	94.29	110.37	130.03	93.39	4.97	82.98	88.28	98.37	109.13	8.43	86.57	100.73	115.51

2021-02-01	122.82	10.33	96.54	110.17	129.14	93.4	4.5	83.3	89.5	97.82	109.08	7.42	88.71	100.89	114.75
2021-03-01	122.83	10.5	95.16	110.23	129.25	92.28	4.6	83.24	86.62	96.42	108.37	8.48	85.79	99.7	115.01
2021-04-01	122.83	10.7	93.5	109.48	128.85	93.48	4.91	83.08	85.6	98.03	108.98	8.76	86.09	98.7	115.26
2021-05-01	123.57	11.1	93.62	110.87	130.16	92.59	4.69	83.19	85.61	97.21	108.76	8.92	84.73	100.08	115.56
2021-06-01	124.82	11.31	94.55	112.41	131.37	98.64	5.33	82.79	85.71	98.43	110.87	8.99	85.75	101.18	116.41
2021-07-01	123.92	10.63	95.67	111.24	130.02	91.03	3.86	82.88	85.25	94.2	107.51	7.77	87.65	100.33	113.62
2021-08-01	126.35	11.44	95.81	112.66	133.22	91.56	4.38	82.67	85.67	95.59	108.19	8.25	85.94	100.27	114.27
2021-09-01	125.95	11.21	96.52	114.9	133.19	92.93	5.21	82.58	85.54	98.68	108.07	8.53	85.17	100.34	114.23
2021-10-01	126.84	11.35	95.61	113.16	133.18	93.47	4.92	82.77	87.92	98.38	108.14	8.34	85.71	100.28	114.15
2021-11-01	129.29	12.27	94.87	112.06	135.37	94.63	4.76	85.18	90.51	100.45	107.93	7.79	86.67	100.56	113.25
2021-12-01	129.63	12.39	96.28	111.05	136.27	93.71	4	85.35	90.51	98.16	107.52	7.07	89.21	100.51	113.38
2022-01-01	129.86	13.39	92.69	111.72	136.99	93.61	4.61	85.04	88.4	99	107.4	8.57	84.34	98.5	113.37
2022-02-01	127.66	12.24	93.7	112.05	133.86	93.46	4.44	84.96	87.93	98.13	108.66	8.85	84.97	99.2	115.18
2022-03-01	126.62	11.46	93.74	111.6	131.3	93.88	4.63	85.23	88.16	99.03	110.05	9.15	84.01	99	115.46
2022-04-01	123.31	10.33	96	111.21	129.7	94.54	4.42	85.52	88.96	98.91	108.74	7.94	87.52	100.56	114.83
2022-05-01	123.63	10.7	94.93	111.24	130.31	95.79	4.61	85.71	88.58	99.43	109.05	8.84	84.99	100.54	115.25
2022-06-01	125.11	10.67	94.58	110.4	129.26	94.55	4.19	85.86	87.86	98.16	108.05	8.6	84.78	100.13	114.1
2022-07-01	131.86	11.52	96.27	111.78	133.88	93.19	4.36	84.28	85.9	96.97	109.64	8.71	86.45	101.79	115.44
2022-08-01	129.16	10.91	96.31	111.59	132.44	92.31	4.01	84.36	85.98	95.95	108.97	8.73	85.58	101.67	114.81
2022-09-01	127.79	11.1	96.16	111.41	132.54	92.49	3.87	84.5	86.04	95.39	109.42	8.43	86.59	101.32	115.52
2022-10-01	127.22	11.82	94.14	112.66	133.37	94.5	4.49	84.52	85.95	97.83	109.5	8.81	85.03	100.23	114.81
2022-11-01	126.8	11.31	96.93	113.11	133.88	93.31	4.1	84.85	88.77	96.88	110.07	7.87	88.94	101.78	115.58
2022-12-01	126.63	11.52	96.04	112.54	133.75	93.06	4.17	84.93	89.34	98.14	108.63	7.77	88.34	101.23	114.88
2023-01-01	125.5	10.91	96.04	110.98	131.25	92.34	3.91	84.92	88.5	96.8	108.58	7.82	88.16	100.62	114.82
2023-02-01	125.93	11.24	96.08	112.32	132.56	92.8	4.15	84.88	89.26	97.26	109.59	8.03	87.76	101.77	115.79
2023-03-01	124.8	11.01	95.81	112.57	131.44	92.63	4.21	84.01	88.28	96.88	109.52	8.26	87.56	100.92	115.93
2023-04-01	124.08	10.68	96.22	112.04	130.65	93.59	4.48	83.88	87.81	97.12	108.95	8.08	87.66	101.42	115.22
2023-05-01	129.51	12.49	95.06	113.28	136.29	93.98	4.49	83.87	86.13	97.17	109.26	8.83	86.19	100.77	115.65
2023-06-01	129.31	12.19	96.3	112.77	136.6	92.69	4.22	83.81	86.7	96.5	108.43	7.98	87.54	100.97	114.26
2023-07-01	133.72	12.61	96.6	112.26	138.08	94.84	4.09	84.22	86.86	96.01	109.53	8.11	86.68	100.66	113.95

2023-08-01	135.18	12.74	94.48	111.47	137.7	93.41	4.25	84.06	85.88	96.58	108.33	8.77	84.18	100.43	113.85
2023-09-01	129.78	11.48	96.18	112.4	134.4	93.5	4.24	84.09	86.11	96.54	108.55	8.38	86.18	100.65	114.45
2023-10-01	130.1	13.18	92.48	111.97	136.56	94.06	4.49	83.6	85.94	96.76	109.45	9.16	83.06	98.67	114.88
2023-11-01	131.28	13.21	95.1	111.72	138.55	92.01	4.25	83.59	87.12	96.44	108.41	8.2	86.26	99.59	114.56
2023-12-01	130.43	13.34	94.39	112.63	137.9	92.3	4.48	83.53	87.4	96.92	108.75	8.58	85.8	99.87	114.92
2024-01-01	130.52	12.77	95.6	112.94	136.45	92.97	4.63	83.53	88.43	97.81	108.32	8.32	86.68	100.5	114.84
2024-02-01	129.31	12.46	95.99	114.31	136.22	92.31	4.34	83.51	87.57	96.82	109.27	8.28	87.44	100.32	115.75
2024-03-01	128.79	12.32	95.5	113.31	135.17	92.18	4.37	83.34	86.89	95.96	108.13	8.64	85.16	99.19	114.61
2024-04-01	133.59	13.53	96.36	115.1	140.52	92.42	4.53	83.34	86.95	97.15	108.89	8.46	86.78	99.85	115.55
2024-05-01	136.52	14.2	97.18	114.93	143.8	93.3	4.69	83.37	86.93	97.84	109.13	8.16	87.76	101.51	115.66
2024-06-01	136.51	13.59	97.38	114.74	143.42	92.74	4.58	83.35	86.5	97.02	108.76	8.35	86.6	101.56	114.6
2024-07-01	133.78	12.54	98.03	115.33	140.21	94.03	4.23	84.03	88.16	98.08	111.07	8.34	88.29	102.9	116.58
2024-08-01	133.04	12.87	96.82	114.55	139.79	95.18	4.23	86.53	88.29	99.2	110.02	8.53	87.87	103.41	116.35
2024-09-01	131.6	12.14	96.59	114.47	136.9	94.26	4.12	86.48	88.09	98.95	111.03	8.84	86.85	103.15	117.03
2024-10-01	130.15	11.6	96.77	113.52	134.11	97.19	4.49	86.62	89.31	100.28	109.5	8.71	85.98	100.67	115.56
2024-11-01	132.46	12.88	96.08	114.05	138.61	95.43	4.12	87.72	91.93	100.23	108.28	8.69	85.27	101.42	114.78
2024-12-01	133.32	13.74	94.45	114.36	140.16	95.56	4.14	87.74	91.21	100.2	108.43	8.61	86	100.49	114.99

Table 5b: Haro Strait monthly sound pressure levels (SPL) in decibels (dB). Mean (Avg) and standard deviation (Std), Q₅, Q₅₀ and Q₉₅ levels for water turbulence, echosounders and wind are given.

Date	Avg 10- 100 Hz	Std 10- 100 Hz	Q5 10- 100 Hz	Q50 10-100 Hz	Q95 10-100 Hz	Avg 49500- 50500 Hz	Std 49500- 50500 Hz	Q5 49500- 50500 Hz	Q50 49500- 50500 Hz	Q95 49500- 50500 Hz	Avg 7500- 8500 Hz	Std 7500- 8500 Hz	Q5 7500- 8500 Hz	Q50 7500- 8500 Hz	Q95 7500- 8500 Hz
2019-01-01	125.57	13.89	85.06	110.88	131.45	73.13	3.42	63.66	65.59	73.27	89.07	7.73	68.78	81.14	94.86
2019-02-01	123.73	13.25	85.79	110.84	129.87	72.76	3.01	63.68	66.61	71.92	89.04	7.52	68.87	82.84	94.51
2019-03-01	126.62	13.54	87.3	112.6	131.77	79.16	3.29	63.79	64.79	72.03	89.2	8.33	67.19	79.19	95.5
2019-04-01	124.15	13.69	85.55	110.86	130.41	72.86	3.32	63.81	65.24	72.07	90.91	8.22	67.75	80.91	95.37
2019-05-01	125.43	13.8	86.18	109.58	130.74	81.57	3.41	63.78	64.56	72.27	90.4	8.68	67.36	81.65	96.46
2019-06-01	121.64	14.14	83.47	105.78	128.38	76.63	3.76	63.98	65.21	72.93	90.97	8.11	69.22	82.75	96.74
2019-07-01	121.59	13.35	84.75	104.1	127.12	84.95	3.86	64	65.04	73.84	90.2	8.43	67.94	82.37	95.88
2019-08-01	120	12.9	84.33	103.93	126.11	83.21	3.65	63.27	64.51	72.46	89.69	8.48	67.28	82.02	95.7
2019-09-01	118.55	12.38	84.82	104.06	124.89	77.66	3.42	63.23	64.02	72.13	88.94	8.39	67.41	80.87	95.2
2019-10-01	119.32	13.84	80.94	103	125.31	70.89	3.07	63.22	64.26	71.59	88.54	8.09	67.02	79.84	94.46
2019-11-01	121.27	14.66	81.06	105.22	128.02	75.47	3.69	63.22	64.35	72.79	90.16	8.89	65.86	79.68	95.53
2019-12-01	120.81	14.52	80.82	104.74	127.51	71.17	3.18	63.52	65.49	72.61	88.55	7.96	66.79	80.71	94.49
2020-01-01	120.68	13.91	82.88	103.49	127.15	76.21	3.22	63.71	67.56	73.29	89.18	6.66	72.02	84.41	94.15
2020-02-01	121.17	14.03	82.72	105.34	127.24	76.89	3.34	63.52	65.66	73.15	88.88	7.9	67.96	81.66	94.71
2020-03-01	120.77	14.02	82.57	106.78	127.17	72.86	2.88	63.48	64.94	70.86	88.45	7.92	67.63	80.55	94.42
2020-04-01															
2020-05-01															
2020-06-01															
2020-07-01	125.4	11.94	89.06	108.19	127.84	74.65	2.55	65.63	66.44	70.73	88.74	8.34	65.6	80.69	94.08
2020-08-01	122.74	12.25	88.97	108.92	128.84	77.43	2.6	65.87	66.45	71.68	88.36	8.09	67.17	81.22	94.15
2020-09-01	122.97	12.28	88.53	108.46	128.78	85.73	3.31	65.84	66.34	73.21	88.69	8.53	66.64	79.98	94.44
2020-10-01	123.09	12.64	86.33	108.46	127.79	91.54	3.77	65.02	66.56	74.28	89.07	8.27	66.79	81.82	94.43
2020-11-01	122.04	13.84	83.56	108.53	128.93	68.91	3.34	63.23	65.53	73.03	89.61	7.98	67.62	82.77	95.02
2020-12-01	122.64	14.4	81.28	108.33	129.49	71.87	3.63	63.26	65.49	74.02	89.59	8	68.18	81.85	95.1
2021-01-01	122.45	14.16	82.62	107.76	129.25	69.63	3.56	63.29	65.72	73.86	89.74	8.05	68.14	82.58	95.02
2021-02-01	121.75	13.56	83.48	107.86	128.21	71.99	3.3	63.86	67.25	73.38	89.32	7.04	69.81	82.97	94.48

2021-03-01	122	13.01	85.39	107.89	128.32	71.02	2.96	63.98	65.44	71.29	89.1	8.38	66.74	80.29	94.81
2021-04-01	121.87	13.35	83.43	106.77	127.72	74.88	3.4	63.86	64.76	72.32	89.68	8.43	66.85	79.15	95.27
2021-05-01	122.88	13.77	84.16	108.1	129.33	70.43	3.08	63.92	64.69	71.68	89.43	8.41	67.09	80.65	95.66
2021-06-01	124.09	13.86	86.57	109.5	130.55	95.31	4.67	63.26	64.32	72.27	90.89	8.92	67.02	81.88	96.87
2021-07-01	123.5	12.89	88.33	108.26	129.57	69.52	2.55	63.26	64.13	68.9	88.28	7.09	70.44	80.87	93.92
2021-08-01	126.09	13.74	88.44	110	133.04	76.48	2.99	61.42	62.4	67.34	88.58	7.87	67.46	81.26	94.6
2021-09-01	125.67	13.47	88.85	113.06	133.05	71.85	3.42	61.39	62.23	70.26	88.85	8.24	66.88	80.86	94.72
2021-10-01	126.54	13.85	87.23	111.3	132.96	81.31	4.07	61.49	66.25	72.7	88.35	8	66.92	80.89	93.88
2021-11-01	129.15	15.15	84.94	110.03	135.14	72.05	3.51	65.76	68.65	76.36	87.75	7.39	67.89	82.23	92.9
2021-12-01	129.52	16.06	83.72	108.87	136.12	78.04	2.86	65.78	68.68	73.9	88.46	6.69	70.93	82.88	93.82
2022-01-01	129.75	16.41	82.99	109.66	136.92	73.19	3.3	65.57	67.15	75.12	87.98	8.23	66.28	79.82	92.94
2022-02-01	127.43	14.82	84.92	109.45	133.57	79.9	3.23	65.54	66.84	73.82	88.6	8.43	66.06	80.13	94.28
2022-03-01	126.17	14.06	84.72	109.45	130.64	73.94	3.04	65.88	67.12	73.97	89.29	8.6	66.94	79.82	95.5
2022-04-01	122.68	13.55	84.88	108.47	128.93	76.59	2.92	66.03	67.69	73.82	89.45	7.77	68.97	81.98	95.26
2022-05-01	123.05	13.37	85.79	108.2	129.63	81.57	3.37	66.06	67.31	74.61	89.57	8.41	67.47	81.41	95.35
2022-06-01	124.78	12.9	86.53	107.07	128.53	79.77	3.38	65.94	66.78	74.35	88.41	8.19	66.95	80.45	94.03
2022-07-01	131.78	13.56	89.31	108.38	133.68	74.92	3.31	61.92	62.45	69.5	88.43	8.51	66.28	79.86	94.32
2022-08-01	129.03	12.71	90.51	108.18	132.17	78.97	3.11	61.94	62.48	67.57	88.45	8.4	66.06	80.07	94.38
2022-09-01	127.54	13.27	88.9	108.05	132.21	73.32	2.8	61.91	62.46	66.95	88.02	8.15	66.2	79.62	93.87
2022-10-01	126.98	14	86.88	110.15	133.14	82.58	3.41	61.95	62.78	70.76	87.52	8.39	65.77	79.1	93.35
2022-11-01	126.44	14.2	86.52	110.8	133.58	70.37	2.94	62.63	64.74	70.56	89.82	7.55	69.22	82.54	95.02
2022-12-01	126.38	14.67	84.94	110.53	133.52	68.79	3.05	62.61	65.17	71.48	89.17	7.48	68.99	82.64	94.81
2023-01-01	125.13	14	84.58	108.64	130.75	75.35	3	62.58	64.6	70.28	88.52	7.36	69.13	81.86	94.33
2023-02-01	125.55	14.46	85.46	110.06	132.1	67.73	2.98	62.51	64.97	70.74	89.19	7.77	68.36	82.67	95.06
2023-03-01	124.2	14.17	84.95	110.55	130.89	68.95	2.78	62.67	65.63	70.26	89.07	7.82	68.19	81.69	94.98
2023-04-01	123.49	13.51	86.56	109.32	130.06	82.91	2.64	64.42	65.96	70.61	88.6	7.91	67.96	81.56	94.24
2023-05-01	129.29	15.1	86.73	110.08	136.09	75.62	2.84	64.42	65.23	71.29	88.96	8.41	67.17	80.25	95.16
2023-06-01	129.15	14.77	87.92	109.62	136.48	74.76	2.84	64.36	65.36	70.99	87.87	7.49	68.17	80.64	93.51
2023-07-01	133.64	14.88	88.43	109.28	137.92	88.07	3.26	63.57	64.59	70.25	88.42	7.3	69.03	81.21	93.92
2023-08-01	135.13	14.96	87.95	107.96	137.61	83.11	3.17	63.49	64.15	70.4	88.06	8.41	66.38	80.26	93.85

2023-09-01	129.61	13.64	89.06	109.48	134.11	86.47	2.85	63.49	64.16	69.84	88.56	8.11	67.45	80	94.31
2023-10-01	129.92	15.54	84.75	109.48	136.43	81.93	3.19	63.06	64.21	70.89	87.49	8.32	65.54	78.2	93.41
2023-11-01	131.18	15.74	85.93	109.73	138.51	72	2.97	63.03	64.67	71.19	87.3	7.4	67.38	80.07	92.4
2023-12-01	130.3	16.15	84.85	110.57	137.83	73.95	2.96	63.01	64.8	71.16	87.9	7.92	67.41	80.19	93.43
2024-01-01	130.41	15.51	86.14	110.68	136.35	79.03	3.38	62.99	65.48	72.14	87.69	7.63	67.33	81.07	93.15
2024-02-01	129.09	15.24	85.98	112.48	136.04	82.42	2.99	62.94	64.8	70.79	87.96	7.74	67.83	80.58	94
2024-03-01	128.64	14.77	86.61	111.52	135.05	73.39	2.9	61.18	62.81	68.36	88.73	8.15	67.2	80.65	94.05
2024-04-01	133.53	16.28	86.52	113.15	140.5	78.33	3.28	61.17	62.67	69.12	89.1	7.96	68.26	80.99	95.3
2024-05-01	136.48	16.98	87.97	112.5	143.8	73.62	3.26	61.2	62.62	70.24	89.22	7.98	68.42	82.21	95.47
2024-06-01	136.48	15.48	91.12	112.26	143.41	79	3.51	61.18	62.39	70.27	88.92	8.04	67.73	81.68	94.49
2024-07-01	133.7	14.78	90.48	112.71	140.19	79.98	3.78	61.51	66.51	73	89.89	7.97	69.07	82.1	95.93
2024-08-01	132.97	15.12	90.65	111.12	139.77	87.09	3.76	65.94	66.72	75.14	89.89	8.18	68.42	82.11	96.06
2024-09-01	131.5	14.66	88.94	111.16	136.79	79.26	3.12	65.91	66.62	73.21	90.25	8.44	67.8	81.5	96.4
2024-10-01	130.01	13.94	88.05	110.55	133.88	74.48	3.36	65.98	67.59	75.47	89.29	8.37	67.62	81	95.35
2024-11-01	132.38	15.64	86.13	111.7	138.57	78.91	2.97	66.96	69.43	75.3	89.3	8.38	67.13	83.32	95.14
2024-12-01	133.26	16.94	83.64	112.47	140.14	72.73	3.18	66.96	69	76.11	89.53	8.14	68.58	82.57	94.92

Table 5c: Haro Strait monthly sound pressure levels (SPL) in decibels (dB). Mean (Avg) and standard deviation (Std), Q₅, Q₅₀ and Q₉₅ levels for rain and commercial vessels are given.

Date	Avg 19500 - 20500 Hz	Std 19500- 20500 Hz	Q5 19500- 20500 Hz	Q50 19500- 20500 Hz	Q95 19500- 20500 Hz	Avg 57-71 Hz	Std 57- 71Hz	Q5 57- 71Hz	Q50 57-71 Hz	Q95 57-71 Hz	Avg 113-141 Hz	Std 113- 141 Hz	Q5 113- 141 Hz	Q50 113-141 Hz	Q95 113-141 Hz
2019-01-01	79.8	6.36	64.93	73.25	84.95	117.1	15.24	72.89	98.36	122.4	107.38	12.85	71.19	91.07	113.35
2019-02-01	80.01	6.05	65.01	75.35	84	114.9	14.66	73.64	97.75	120.76	106.84	12.45	71.85	91.16	113.01
2019-03-01	80.15	6.53	64.95	70.95	85.87	116.38	14.46	74.69	101.32	121.57	109.84	12.28	73.45	94.94	114.65
2019-04-01	82.53	7.03	65	72.73	87.13	114.27	14.46	73.31	99.2	120.19	107.96	12.16	73.1	94.09	113.93
2019-05-01	81.46	6.99	64.94	71.08	87	115.55	14.49	74.76	98.75	121.14	108.65	11.98	74.86	95.24	114.48
2019-06-01	81.28	6.71	64.58	72.57	85.75	113.36	13.89	73.51	95.54	119.04	107.79	10.95	77.43	95.83	113.84
2019-07-01	80.78	6.7	64.56	71.45	85.53	112.05	13.11	74.83	94.5	117.03	106.81	10.29	78.66	95.97	112.7
2019-08-01	79.96	6.63	64.16	70.27	84.9	111.15	13.17	73.82	94.74	116.78	106.56	10.58	76.98	95.4	112.66
2019-09-01	79.33	6.74	64.1	70.47	85.51	111.2	12.81	75.03	95.22	116.81	106.07	10.29	76.98	94.78	111.94
2019-10-01	79.26	6.74	64.02	70.68	85.23	111.34	14.18	71.15	92.42	116.77	106.4	12	72.54	91.53	112.28
2019-11-01	81.11	7.18	63.87	70.74	85.75	113.47	15.48	69.93	95.43	119.65	108.12	12.95	70.91	91.95	113.95
2019-12-01	80.17	6.74	64.38	73.47	86.08	112.68	15.06	70.7	96.64	118.43	107.2	13.21	69.91	91.55	113.08
2020-01-01	80.91	6	65.61	77.1	86.2	112.55	14.16	73.38	95.52	118.34	106.69	11.67	74.08	91.05	112.71
2020-02-01	80.68	6.9	64.5	73.87	87.05	113.42	14.61	72.65	96.65	119.22	107.34	12.37	72.38	91.83	113.45
2020-03-01	78.97	6.32	64.28	72.08	83.69	113.16	14.53	72.33	98.39	118.68	107.6	12.46	73.48	92.41	113.94
2020-04-01															
2020-05-01															
2020-06-01															
2020-07-01	80.32	5.88	65.36	71.33	83.51	117.02	12.44	79.65	100.07	118.72	107.81	10.91	75.79	95.29	112.89
2020-08-01	79.52	6.08	66.11	71.35	84.85	111.87	12.06	79.29	100.37	118.44	105.64	9.93	78.19	96.02	111.58
2020-09-01	80.34	6.43	65.94	70.74	86.07	111.99	12.46	77.54	99.01	118.47	106.32	10.23	77.05	95.54	111.96
2020-10-01	80.99	6.76	65.99	72.84	86.47	112.57	12.87	76.18	99.69	118.7	107.27	11.06	76.4	95.51	113.01
2020-11-01	80.5	6.8	64.16	74.44	85.93	113.65	15.2	71.28	95.12	119.96	107.95	12.6	72.07	92.23	114.01
2020-12-01	80.64	6.81	64.38	73.99	85.98	113.19	15.66	69.85	93.81	119.3	107.26	12.8	71.43	90.88	113.09
2021-01-01	80.67	6.63	64.46	74.49	85.56	113.3	15.29	71.26	94.38	119.06	107.37	12.65	72.05	91.57	113.49

2021-02-01	80.81	6.06	64.71	75.86	85.56	113.65	14.88	71.98	95.55	119.43	108	12.08	73.72	91.15	113.61
2021-03-01	79.72	6.67	64.37	71.87	84.29	114.43	15.05	71.98	94.65	119.89	108.06	12.61	72.62	90.9	113.86
2021-04-01	80.93	6.97	64.04	70.5	85.8	113.19	15.33	70.07	92.82	118.99	107.59	12.79	71.5	91.01	113.31
2021-05-01	79.91	6.65	64.3	70.53	84.55	113.86	14.91	71.8	95.3	119.39	107.5	12.32	72.96	92.47	113.28
2021-06-01	80.78	6.97	64.47	70.82	86	114.53	13.65	77.48	99.9	120.77	108.83	11.34	77.75	96.05	114.56
2021-07-01	77.6	5.42	64.84	70.28	81.46	111.23	11.85	79.28	98.8	117.39	106.06	9.97	79.25	95.81	112.38
2021-08-01	78.77	6.03	64.88	71.15	83.38	111.81	12.03	78.82	98.77	117.69	106.14	10.14	78.81	95.65	112.14
2021-09-01	80.49	7.03	64.69	70.95	86.69	111.91	12.27	78.46	99.48	118.03	105.85	10.47	77.35	95.36	111.82
2021-10-01	81.17	6.98	65.08	74.14	87.1	113.64	13.25	75.8	99.96	119.08	107.94	11.18	75.48	94.2	112.17
2021-11-01	82.91	6.69	67.18	77.77	89.23	113.94	14.18	73.81	99.61	120.47	107.08	11.77	73.57	93.33	112.4
2021-12-01	81.67	5.54	67.71	77.74	86.46	114.22	14.74	72.99	97.45	120.61	106.13	11.82	73.6	91.05	112.21
2022-01-01	81.61	6.73	66.64	74.51	87.16	114.35	15.02	71.79	97.47	120.86	106.47	12.46	71.96	92.35	112.57
2022-02-01	81.21	6.54	66.49	73.91	86.3	113.89	14.11	73.56	97.79	120.42	107.14	12.03	73.69	93.57	113.26
2022-03-01	81.69	6.87	66.52	73.65	87.52	115.38	14.51	73.52	100.1	120.61	109.44	12.66	71.54	92.53	112.99
2022-04-01	81.66	6.45	66.9	74.81	87.07	114.02	14.34	74.18	99.15	119.98	106.88	11.9	73.56	91.8	112.95
2022-05-01	81.74	6.64	66.88	74.09	87.59	114.05	13.9	75.24	98.88	120.01	106.81	11.73	73.65	92.97	112.45
2022-06-01	80.97	6.38	66.52	72.47	85.84	111.78	12.83	76.11	98.14	117.61	105.71	11.19	74.44	93.4	111.52
2022-07-01	79.58	6.31	65.67	70.35	84.88	112.72	12.87	76.89	97.92	118.43	105.99	10.7	75.84	95.06	111.92
2022-08-01	79.3	5.97	65.59	70.42	83.99	112.18	11.93	78.78	97.98	118.01	105.27	10.29	76.98	94.29	111.23
2022-09-01	79.38	5.87	65.52	70.3	83.58	110.88	12.31	77.06	96.8	116.68	105.82	9.99	77.79	94.08	111.62
2022-10-01	79.28	6.73	64.62	69.47	85.71	112.35	13.02	75.57	98.83	117.84	106.09	11.36	74.19	93.85	111.64
2022-11-01	80.33	6.15	65.07	74.45	84.34	113.8	13.98	74.49	98.6	119.2	107.23	11.81	74.47	93.14	113.3
2022-12-01	80.18	6.23	65.11	75.29	85.82	113.26	14.35	72.78	96.96	118.75	106.46	12.19	73.02	91.57	112.63
2023-01-01	79.1	6.02	64.99	73.99	84.1	113.14	14.27	72.69	95.43	118.79	106.93	12.33	72.81	91.37	113
2023-02-01	79.84	6.43	64.71	75.03	84.8	113.66	14.15	73.94	97.49	119.15	107.32	12.01	73.58	92.74	113.29
2023-03-01	79.86	6.15	65.23	73.98	84.74	114.65	14.24	75.14	99.58	120.69	108.15	12.13	74.85	94.15	114.06
2023-04-01	79.92	6.4	65.35	73.76	85.14	113.34	13.14	76.68	98.68	119.36	107.72	11.29	76.48	95.1	113.7
2023-05-01	80.04	6.39	65.27	70.75	85.15	115.08	13.54	78.37	101.29	121.85	108.95	11.43	78.47	97.47	115.76
2023-06-01	79.49	6.05	65.23	72.02	84.32	113.19	12.78	78.92	100.26	119.5	107.49	10.8	79.48	97.33	114.17
2023-07-01	78.48	5.76	65.18	71.51	82.95	116.67	13.14	80.03	100.85	122.75	109.02	11.01	79.1	97.21	115.54

2023-08-01	78.54	6.05	64.78	69.37	83.12	116.6	13.24	78.72	99.83	121.84	109.11	10.93	78.4	96.44	115.46
2023-09-01	79	6.13	64.87	69.92	83.59	115.26	12.75	80.13	102.12	121.9	108.59	10.59	79.7	97.06	114.9
2023-10-01	78.3	6.49	63.53	69.43	83.72	114.57	14.54	73.21	99.49	120.62	109.45	12.23	73.98	95.46	114.73
2023-11-01	78.07	6.15	63.56	71.53	83.11	113.76	14.99	72.57	97.78	120.23	107.98	12.63	73.66	93.69	114.34
2023-12-01	78.59	6.61	63.43	71.9	83.83	114.28	15.19	72.04	97.21	120.31	108.09	12.85	72.43	93.94	114.24
2024-01-01	79.02	6.57	63.47	73.42	84.65	113.79	14.48	73.62	97.5	120.06	107.28	11.98	73.86	93.52	113.11
2024-02-01	78.27	6.37	63.46	72.25	83.85	114.3	14.24	74.91	99.81	120.35	108.95	11.91	75.29	95.45	114.26
2024-03-01	78.82	6.47	63.79	71.75	83.19	114.52	14.05	75.58	99.47	120.4	107.1	11.6	75.4	93.63	112.89
2024-04-01	79.07	6.52	63.8	71.87	84.44	114.28	14.08	75.14	100.36	120.45	107.43	11.57	75.9	95.42	113.71
2024-05-01	79.07	6.59	63.82	71.89	84.69	114.74	13.85	77.02	100.01	121.09	107.28	11.01	77.88	96.04	113.82
2024-06-01	78.64	6.51	63.74	71.22	83.52	114.07	12.04	81.56	102.45	120.92	107.02	10.23	80.47	97.85	113.92
2024-07-01	80.04	6.3	65.38	71.5	85	113.27	12.17	80.2	102.25	119.34	107.53	10.21	79.3	97.73	113.34
2024-08-01	80.78	6.53	65.8	71.25	86.42	112.15	12.68	78.18	100.37	118.66	106.91	10.26	78.51	96.74	112.66
2024-09-01	80.83	6.63	65.71	70.87	86.64	112.09	12.8	76.69	99.71	118.26	106.16	10.22	77.72	95.79	112.22
2024-10-01	83.65	7.15	66.21	73.03	88.15	115.96	13.63	75.83	99.3	120.31	107.4	11.16	75.67	95.23	112.87
2024-11-01	82.62	6.8	66.78	77.62	88.38	115.98	14.77	74.57	98.88	122.46	107.48	11.85	74.88	94.74	114.06
2024-12-01	82.81	6.7	66.98	76.37	87.94	115.74	15.43	71.98	98.38	122.85	106.94	12.35	72.38	93.65	113.24

Table 6a: Boundary Pass monthly sound pressure levels (SPL) in decibels (dB). Mean (Avg) and standard deviation (Std), Q₅, Q₅₀ and Q₉₅ levels for broadband and SRKW echolocation and communication ranges are given.

Date	Avg 10-100000 Hz	Std 10-100000 Hz	Q5 10-100000 Hz	Q50 10-100000 Hz	Q95 10-100000 Hz	Avg 15000-100000 Hz	Std 15000-100000 Hz	Q5 15000-100000 Hz	Q50 15000-100000 Hz	Q95 15000-100000 Hz	Avg 500-15000 Hz	Std 500-15000 Hz	Q5 500-15000 Hz	Q50 500-15000 Hz	Q95 500-15000 Hz
2019-01-01	142.28	14.52	96.47	120.22	142.51	99.83	5.71	83.77	88.04	100.05	114.98	9.87	85.4	100.04	119.76
2019-02-01	140.84	14.37	98.33	119.76	143.32	100.13	5.39	83.74	90.46	99.35	114.41	9.29	85.93	102.51	118.4
2019-03-01	132.72	13.3	93.85	120.07	136.53	100.09	5.89	83.26	85.3	100.57	112.42	9.63	84.2	99.96	117.25
2019-04-01	132.6	13.06	95.95	119	136.82	99.97	5.91	83.37	87.21	100.92	112.95	9.14	85.17	100.88	116.97
2019-05-01	132.28	12.7	96.91	118.36	138.27	103.31	6.31	83.32	86.39	102.19	113.3	9.56	85.57	102.09	118.35
2019-06-01	127.5	12.26	93.07	111.63	133.04	103.47	6.51	82.98	86.34	102.65	112.95	9.37	86.47	101.32	118.11
2019-07-01	128.49	12.6	94.43	117.26	135.78	102.02	7.61	82.91	88.67	106.08	113.87	9.76	86.5	105.75	119.82
2019-08-01	126.2	12.28	92.37	110.14	131.77	100.13	6.04	84.51	86.24	102.08	112.33	10.6	82.48	100.95	117.22
2019-09-01	125.63	12	92.85	110.49	131.53	104.39	5.93	85.61	87.57	102.52	111.12	9.81	83.14	99.72	116.1
2019-10-01	126.51	12.84	90.87	109.52	131.64	103.64	5.46	85.68	87.61	101.06	111.23	10.08	81.73	98.51	116.05
2019-11-01	130.82	13.39	92.75	114.31	136.75	103.84	5.62	84.09	88.97	102.07	113.16	9.71	83.66	101.45	117.53
2019-12-01	129.32	13.66	90.93	112.6	135.12	98.74	6.05	82.87	87.74	100.53	111.73	9.42	83.66	99.01	115.98
2020-01-01	128.87	11.86	96.8	110.81	134.47	98.88	5.47	83.01	90.93	100.37	111.5	7.95	87.51	102.3	114.86
2020-02-01	128.08	11.8	97.06	108.69	133.49	98.39	5.93	83.14	90.46	101.14	111.13	8.15	87.06	100.56	115.3
2020-03-01															
2020-04-01															
2020-05-01	129.61	13.98	92.23	113.75	136.29	100.29	5.69	85.64	86.98	102.53	112.17	10.47	81.61	98.58	117.3
2020-06-01	129.77	13.82	92.18	114.12	136.53	99.74	5.45	85.71	87.54	101.26	111.9	10.1	82.4	99.22	116.92
2020-07-01	129.3	13.53	91.98	114.32	136.8	99.18	4.98	86.29	88.33	101.13	111.18	9.77	82.98	99.6	115.66
2020-08-01	128.71	12.83	93.98	114.62	136.27	98.4	4.9	86.65	88.75	101.26	110.83	9.69	83.48	99.5	115.99
2020-09-01	132.6	13.72	93.22	115.08	139.81	97.65	5.45	83.9	86.75	100.16	113.95	10.59	82.34	99.17	118.86
2020-10-01	134.52	13.23	95.15	114.94	137.79	98.14	5.75	83.79	86.98	100.81	117.34	10.85	83.56	100.73	121
2020-11-01	128.45	11.99	96.15	115.47	135.02	100.38	5.36	85.87	90.76	101.73	111.89	8.51	87.74	101.39	116.68
2020-12-01	128.16	12.51	94.69	113.95	134.25	100.1	5.59	85.83	90.29	102.31	112.11	8.92	86.46	100.4	116.82
2021-01-01	128.12	11.82	96.25	114.36	134.13	99.87	5.52	85.85	91.65	102.64	110.89	8.69	85.53	101.32	115.83

2021-02-01	127.48	11.73	95.92	110.91	132.75	99.59	5.34	84.04	90.68	100.42	112.76	8.32	88.34	102.56	117.02
2021-03-01	127.44	12.34	92.04	111.99	132.65	98.9	5.59	83.84	87.2	99.43	112.18	10.18	82	99.84	116.85
2021-04-01	127.81	13.02	92.03	110.59	133.45	99.19	5.73	83.75	86.21	99.96	112.64	10.09	82.16	98.37	117.33
2021-05-01	128.19	13.24	90.82	110.97	133.53	98.75	5.7	83.84	85.92	100.32	112.08	10.11	81.29	99.18	116.91
2021-06-01	132.83	14.06	93.58	115.25	139.31	99.82	5.82	84.7	87.08	101.73	113.18	10.2	82.26	100.56	117.75
2021-07-01	133.37	13.73	95.14	116.88	139.8	96.84	4.51	85.44	87.2	98.28	110.55	9.09	84.31	99.67	115.44
2021-08-01	132.97	13.52	94.04	115.55	139.11	97.17	4.78	85.63	87.09	99.28	110.94	9.47	83.37	99.38	115.64
2021-09-01	131.47	13.13	93.86	115.13	137.89	98.27	5.18	86.06	87.79	100.99	111.14	9.86	81.97	99.66	115.94
2021-10-01	129.44	12.73	94.93	113.14	135.82	99.32	5.37	85.58	89.36	101.04	111.5	9.19	84.26	100.15	116.27
2021-11-01	130.03	12.44	96.05	113.15	135.75	100.1	5.69	85.51	91.61	103.38	111.48	8.13	87.21	101.12	115.84
2021-12-01	132.11	13.08	96.04	111.67	137.81	100.52	5.25	85.71	91.97	102.29	111.79	8.06	88.1	101.52	115.94
2022-01-01	130.04	13.83	91.55	113.36	136.55	100.17	5.96	85.28	89.22	103	110.92	9.66	82.38	99.07	114.99
2022-02-01	130.82	13.69	92.41	113.91	137.81	99.94	5.8	85.22	88.97	102.3	112.39	9.91	83.11	99.46	116.87
2022-03-01	127.56	12.79	92.41	112.08	133.44	100.03	5.79	84.89	87.87	101.62	112.19	9.72	83.97	99.13	116.99
2022-04-01	126.27	11.95	92.85	110.12	131.7	100.59	5.61	84.87	87.72	100.76	111.51	9.42	84.33	100.7	116.28
2022-05-01	126.72	12.66	91.04	112.12	132.57	104.85	5.92	84.79	87.38	102.02	111.46	10.04	81.69	100.83	116.58
2022-06-01	126.97	12.67	91.21	112.09	132.74	100.24	5.37	85.2	87.29	101.27	110.91	10.07	81.62	100.29	116.64
2022-07-01	132.02	13.67	92.64	114.89	138.08	102.54	6.37	84.51	86.97	103.11	113.2	10.57	81.74	101.97	117.89
2022-08-01	131.97	13.56	94.35	114.79	138.03	99.58	5.62	84.47	86.34	100.76	111.17	9.91	83.37	100.59	116.06
2022-09-01	130.78	13.3	94.48	112.7	136.89	97.65	5.16	84.83	86.72	99.77	111.59	9.72	83.01	99.96	116.31
2022-10-01	131.16	14.44	92.01	114.6	138.12	102.57	6	84.41	86.49	101.69	112.2	10.37	81.71	99.43	117.02
2022-11-01	133.71	14.23	94.7	114.43	140.34	99.96	5.72	84.77	89.29	101.82	113.46	8.99	87.27	101.82	117.9
2022-12-01	131.56	13.4	95.47	114.53	137.42	99.68	5.68	84.85	90.55	102.03	112.72	8.7	87.69	102.04	117.42
2023-01-01	127.24	13.34	90.45	110.5	133.08	98.28	4.93	84.83	89.09	99.11	113.34	9.62	81.52	100.05	116.28
2023-02-01	129.74	13.14	93.4	116.44	135.97	98.67	5.21	85.16	89.9	100.64	112.59	9.3	85.27	101.75	117.39
2023-03-01	128.95	12.86	95.6	115.48	135.26	99	5.49	84.38	87.85	100.84	112.33	9.25	85.45	99.55	117.5
2023-04-01	129.93	13.3	94.99	115.54	136.47	99.83	5.7	84.35	88.85	101.09	112.3	9.39	84.45	101.14	117.24
2023-05-01	132.48	13.85	93.78	118.03	139.06	100.23	5.8	84.36	86.48	101.5	112.41	9.92	83.11	100.49	117.83
2023-06-01	135.13	13.81	95.45	118.39	142.21	98.02	5.3	84.43	87.42	100.41	110.93	8.86	85.93	101.23	116.1
2023-07-01	130.33	13.14	92.61	111.93	136.46	97.56	5.57	83.12	86.14	99.59	110.5	9.21	84.17	100.91	115.24

2023-08-01	129.5	12.49	93.51	111.4	135.71	97	5.6	82.99	85.88	99.71	110.26	9.55	83	100.32	114.99
2023-09-01	126.06	11.95	93.02	110.92	132.98	96.51	5.56	82.97	85.75	99.37	110.79	9.51	83.11	99.82	115.52
2023-10-01	129.19	13.36	91.34	111.82	134.49	98.09	5.4	83.1	86.24	99.46	111.97	9.66	82.64	98.6	115.77
2023-11-01	133.59	14.31	94.15	115.48	140.29	98.33	5.53	84.14	87.49	100.61	112.73	9.73	84.78	100.53	117.81
2023-12-01	135.25	14.65	94.09	116.23	141.94	98.45	5.72	84.03	88.31	101.09	113.04	10.37	83.55	100.72	119.01
2024-01-01	135.6	14.36	94.52	117.51	140.97	97.9	5.68	83.95	89.35	101.57	112.83	9.67	85.55	102.09	119.19
2024-02-01	132.98	13.46	94.61	117.16	138.14	98.01	5.75	83.83	88.53	100.87	113.11	9.87	84.97	101.96	118.8
2024-03-01	130.96	13.55	93.96	115.32	137.71	98.06	5.48	83.72	87.63	99.27	111.27	9.76	82.77	99.57	116.4
2024-04-01	134.39	15.26	93.42	119.66	141.57	98.1	5.52	83.76	86.94	99.96	111.69	9.57	83.07	99.07	116.73
2024-05-01	135.99	14.92	95.27	119.21	143.04	102.86	5.79	83.88	86.83	101.18	112.14	9.51	84.25	100.43	117.59
2024-06-01	135.78	14.55	95.28	118.3	142.81	100.06	5.52	83.86	86.68	100.3	110.98	9.07	84.37	100.79	116.17
2024-07-01	135.59	15.17	92.99	116.03	142.55	98.56	5.78	83.79	86.08	101	112.01	10.02	82.93	101.12	117.12
2024-08-01	135.7	15.25	93.75	114.65	142.86	99.11	5.91	83.84	86.27	101.39	111.77	9.92	83.31	101.26	116.86
2024-09-01	133.18	15.02	91.89	112.55	140.61	98.09	5.75	83.73	85.92	100.89	111.9	9.92	82.14	99.93	116.85
2024-10-01	132.29	14.27	92.48	112.06	138.89	101.48	5.89	83.81	86.96	101.33	111.3	9.81	82.4	99.32	116.28
2024-11-01	133.05	14.62	92.65	114.2	139.66	98.35	5.66	84.01	89.27	101.25	111.91	9.7	83.09	100.66	116.73
2024-12-01	133.79	14.7	94.04	116.17	140.76	98.23	5.6	84.09	89.04	100.96	111.07	9.1	85.17	100.53	116.07

Table 6b: Boundary Pass monthly sound pressure levels (SPL) in decibels (dB). Mean (Avg) and standard deviation (Std), Q₅, Q₅₀ and Q₉₅ levels for water turbulence, echosounders and wind are given.

Date	Avg 10-100 Hz	Std 10-100 Hz	Q5 10-100 Hz	Q50 10-100 Hz	Q95 10-100 Hz	Avg 49500-50500 Hz	Std 49500-50500 Hz	Q5 49500-50500 Hz	Q50 49500-50500 Hz	Q95 49500-50500 Hz	Avg 7500-8500 Hz	Std 7500-8500 Hz	Q5 7500-8500 Hz	Q50 7500-8500 Hz	Q95 7500-8500 Hz
2019-01-01	142.11	16.76	87.99	119.42	142.41	87.24	5	64.87	66.99	77.53	93.46	8.43	68.19	81.46	95.72
2019-02-01	140.66	17.32	87.09	118.81	143.27	87.32	4.57	64.87	68.74	76.29	93.12	8.43	67.73	84.22	95.97
2019-03-01	132.52	15.46	86.19	119.21	136.14	85.59	5	64.34	65.31	76.75	93.42	9.03	66.93	78.22	97.18
2019-04-01	132.38	15.82	84.78	118.1	136.42	86.98	5.08	64.41	66.31	76.76	94.13	8.56	67.56	80.9	96.94
2019-05-01	132.05	15.18	86.96	116.96	137.98	89.89	5.4	64.35	65.56	78.36	94.05	9.05	67.89	81.74	98.23
2019-06-01	126.76	15.01	83.57	107.71	132.26	90.16	5.97	63.51	64.93	79.65	94.76	8.99	69.24	82.06	99.4
2019-07-01	127.93	15.09	86.95	114.78	135.37	92.26	7.16	63.52	65.77	84.34	96.32	9.83	68.09	86.85	102.47
2019-08-01	125.58	15.1	82.85	104.56	130.91	93.89	6.45	65.13	65.89	81.62	92.38	10.12	65.81	80.69	97.66
2019-09-01	124.84	14.66	83.82	106.85	130.8	89.98	5.88	65.56	66.48	80.77	92.83	9.21	67.24	80.58	97.48
2019-10-01	125.85	16	80.36	106.6	130.9	83.46	4.65	65.57	66.58	76.87	92.72	8.92	67.31	80.06	96.45
2019-11-01	130.49	16.53	83.37	113.08	136.26	84.32	5.2	64	67.36	79.02	94.58	8.72	67.99	83.5	97.3
2019-12-01	128.9	17.01	79.06	111.02	134.64	82.01	5.05	63.34	65.93	76.63	92.99	8.51	67.65	81.07	96.22
2020-01-01	128.45	15.63	84.1	108.53	133.98	83.22	4.67	63.34	68.26	76.37	93.08	7.51	70.19	85.06	95.38
2020-02-01	127.58	16.23	81.57	106.06	133.05	79.22	4.73	63.41	67.97	76.02	92.41	7.65	69.57	83.16	95.53
2020-03-01															
2020-04-01															
2020-05-01	129.26	16.76	83.21	111.71	136.02	87.49	4.77	65.65	66.38	77.42	93.53	9.68	67.17	78.94	98.86
2020-06-01	129.44	16.68	83.1	112.49	136.28	81.91	4.6	65.68	66.73	76.79	93.83	9.22	67.62	80.4	98.23
2020-07-01	128.95	16.74	81.31	112.78	136.57	89.93	4.64	66.04	67.35	77.68	92.48	8.81	68.04	80.19	96.99
2020-08-01	128.4	15.62	84.53	113.19	136.05	87.47	4.72	66.24	67.64	77.71	92.48	9.07	67.77	80.31	97.38
2020-09-01	132.22	16.15	84.78	113.57	139.43	81.88	4.94	63.55	65.76	76.18	91.73	9.06	66.95	79.18	95.98
2020-10-01	134.13	15.78	86.02	113.37	137.26	84.1	5.2	63.45	65.4	77.44	92.22	8.93	67.41	81.34	96.21
2020-11-01	127.98	14.89	85.52	114.25	134.56	81.48	4.72	65.8	68.86	78.46	93.93	8.06	69.93	83.77	97.3
2020-12-01	127.68	15.69	83.21	112.63	133.76	83.06	5.04	65.74	68.54	79.74	94.1	8.36	69.16	82.83	97.32
2021-01-01	127.73	14.78	84.49	113.45	133.75	79.24	4.99	65.79	69.53	80.6	92.89	8.2	68.29	84.35	96.89
2021-02-01	126.72	15.72	82.24	108.04	131.95	88.56	4.77	65.15	69.38	77.68	93.66	7.83	69.48	84.63	97.06

2021-03-01	126.82	15.43	82.3	110.36	131.77	82.4	4.62	65.06	66.78	75.4	93.56	9.44	66.36	81.3	97.19
2021-04-01	127.21	16.29	80.68	108.28	132.75	86.28	5.13	64.99	66.18	77.22	93.59	9.32	65.91	79.12	97.18
2021-05-01	127.69	16.25	80.83	108.13	132.9	84.92	4.76	65.03	65.97	77.06	93.07	9.18	66.17	79.78	97.33
2021-06-01	132.66	16.53	86.52	113.47	139.1	86.48	5.8	63.63	65.28	78.94	94.88	9.46	67.68	81.49	99.13
2021-07-01	133.29	15.93	88.37	115.8	139.72	84.41	4.89	63.68	65.04	76.16	92.19	8.4	68.46	80.64	96.91
2021-08-01	132.87	16.05	86.07	114	139.03	88.72	5.16	63.6	64.75	76.69	92.22	8.86	67.64	80.39	97.41
2021-09-01	131.33	15.74	85.31	113.62	137.74	82.02	5.29	63.65	64.89	77.16	92.95	9.2	67.19	81.16	97.3
2021-10-01	129.16	15.86	84.02	111.25	135.47	87.86	5.3	63.88	67.69	77.55	92.69	8.51	67.81	81.54	96.5
2021-11-01	129.76	16.04	83.36	111.46	135.34	84.56	4.95	66.18	69.84	79.76	91.91	7.67	68.85	83.19	95.69
2021-12-01	131.95	17.15	81.78	109.77	137.62	82.98	4.64	66.19	70.12	79.24	92.77	7.53	70.19	83.85	95.96
2022-01-01	129.79	17.43	79.79	111.86	136.24	85.7	5.02	65.82	67.99	79.68	91.98	9	66	80.25	94.87
2022-02-01	130.56	17.02	81.78	112.44	137.5	84.2	5.1	65.78	67.83	79.28	92.89	9.42	65.97	80.55	96.85
2022-03-01	127.07	15.85	81.33	110.33	132.88	82.78	4.97	65.57	67.16	77.48	92.47	9.13	66.13	78.93	96.89
2022-04-01	125.63	14.97	81.74	107.68	130.93	84.55	4.91	65.48	67	77.08	92.19	8.93	66.39	79.9	96.01
2022-05-01	126.18	15.48	82.28	109.47	132.05	84.3	5.08	65.11	66.55	78.47	91.66	9.31	65.53	79.75	96.6
2022-06-01	126.55	15.58	81.88	109.66	132.26	87.03	5.07	65.13	66.36	78.51	90.24	8.92	65.66	79.49	95.39
2022-07-01	131.83	16.12	85.34	112.58	137.77	89.03	6.7	62.25	63.72	81.03	93.2	9.76	66.04	81.02	97.59
2022-08-01	131.84	16.03	86.97	112.5	137.89	88.11	6.01	62.16	63.2	78.23	91.54	9.41	66.05	79.7	96.29
2022-09-01	130.57	16.01	85.32	109.94	136.66	83.37	5.19	62.32	63.37	75.83	90.94	8.9	66.27	79.52	95.41
2022-10-01	130.95	16.84	84.39	113.08	137.94	85.23	5.66	62.18	64.81	77.35	91.84	9.43	65.88	78.23	95.92
2022-11-01	133.57	17.43	82.96	112.79	140.2	83.03	4.76	64.75	67.29	77.85	93.46	8.42	68.82	82.18	97.05
2022-12-01	131.36	17.1	82.26	112.82	137.14	78.91	4.84	64.7	68.16	77.97	93.23	8.35	68.74	83.08	97.09
2023-01-01	126.7	17.23	78.71	108.81	132.63	76.23	4.12	64.66	67.17	74.01	91.92	8.49	65.77	81.59	94.85
2023-02-01	129.43	16.99	81.36	115.23	135.61	80.43	4.55	64.55	67.49	76.78	92.32	8.54	67.34	82.41	96.19
2023-03-01	128.54	16.3	83.24	114.03	134.83	83.68	4.7	62.37	64.31	73.94	92.47	8.58	66.89	80.03	97
2023-04-01	129.62	16.46	85.12	114.17	136.17	78.88	4.58	62.37	64.62	74.05	92.49	9.06	66.38	81.67	96.56
2023-05-01	132.31	16.87	83.89	116.51	138.87	86.48	5.27	62.35	63.42	76.34	92.3	9.21	66.28	79.66	97.32
2023-06-01	135.07	16.68	85.7	117.23	142.18	83.59	5.12	62.37	63.93	75.92	90.7	8.21	67.84	80.49	95.48
2023-07-01	130.17	15.69	84.23	108.71	136.26	87.42	6.01	59.88	61.69	76.14	91.38	8.78	67.56	81.53	96.62
2023-08-01	129.31	15.17	85.15	108.63	135.49	83.83	5.74	59.83	61.52	75.82	91.47	9.24	66.83	81.23	96.48

2023-09-01	125.56	14.5	84.94	108.38	132.42	78.96	5.12	59.84	61.35	73.48	91.5	8.95	66.67	80.47	96.07
2023-10-01	128.92	16.19	81.89	109.61	133.96	82.82	5.08	59.95	63.29	73.33	90.92	8.47	66.7	78.53	94.6
2023-11-01	133.47	17.23	83.64	113.96	140.19	82.96	4.7	62.67	64.74	74.99	91.91	8.51	67.24	79.68	95.67
2023-12-01	135.16	17.49	82.91	115.06	141.86	78.85	4.87	62.6	65.19	76.17	92.12	8.75	66.54	80.37	96.27
2024-01-01	135.52	17.58	83.02	116.58	140.84	79.87	4.77	62.51	65.74	75.77	91.38	8.34	67.28	81.37	95.79
2024-02-01	132.8	16.41	84.1	115.89	137.83	77.87	4.92	62.44	65.08	75.87	92.02	8.93	66.92	81.41	96.73
2024-03-01	130.76	16.45	83.98	114.13	137.54	84.95	4.62	62.62	64.56	73.83	91.93	8.95	66.63	80.75	96.22
2024-04-01	134.29	18.1	83.26	118.78	141.5	81.37	4.83	62.64	64.28	74.39	92.41	8.77	66.59	79.79	96.33
2024-05-01	135.92	17.49	85.92	117.89	143	81.61	5.02	62.72	64.18	76.09	92.42	8.8	67.13	80.63	97.19
2024-06-01	135.73	16.96	87.39	117.02	142.78	85.91	5.12	62.69	64.12	76.32	91.36	8.5	67.28	80.72	96.05
2024-07-01	135.52	17.57	86.07	113.77	142.51	86.84	5.73	62.7	63.93	78.33	91.63	9.22	66.69	80.05	96.99
2024-08-01	135.63	17.52	87.52	111.91	142.84	87.91	5.99	62.8	64.06	78.94	91.42	9.32	66.46	80.52	96.65
2024-09-01	133.08	18.06	82.89	109.12	140.55	87	5.36	62.71	63.95	77.03	91.34	8.98	66.3	79.16	96.07
2024-10-01	132.15	16.81	84.55	109.6	138.64	84.21	5.06	62.75	64.48	76.22	91.39	8.9	66.4	79.73	95.78
2024-11-01	132.92	17.63	83.13	112.22	139.52	79.17	4.6	62.85	65.88	74.89	92.08	8.8	66.88	82.02	96.03
2024-12-01	133.69	17.87	83.92	114.86	140.67	80	4.8	62.91	65.75	76	91.92	8.43	67.79	81.93	95.97

Table 6c: Boundary Pass monthly sound pressure levels (SPL) in decibels (dB). Mean (Avg) and standard deviation (Std), Q₅, Q₅₀ and Q₉₅ levels for rain and commercial vessels are given.

Date	Avg 19500- 20500 Hz	Std 19500- 20500 Hz	Q5 19500- 20500 Hz	Q50 19500- 20500 Hz	Q95 19500- 20500 Hz	Avg 57- 71 Hz	Std 57- 71 Hz	Q5 57- 71 Hz	Q50 57-71 Hz	Q95 57-71 Hz	Avg 113-141 Hz	Std 113-141 Hz	Q5 113- 141 Hz	Q50 113-141 Hz	Q95 113-141 Hz
2019-01-01	85.88	7.41	64.57	73.15	86.82	140.08	18.82	76.91	109.9	136.33	122	15.03	70.92	93.42	119.99
2019-02-01	85.51	7.07	64.44	76.41	86.57	138.63	19.28	76.74	109.81	138.03	121.24	14.07	72.97	94.24	118.71
2019-03-01	85.8	7.75	64.21	68.96	88	127.97	16.8	75.84	110.18	129.8	112.55	14.23	71.04	94.44	117.47
2019-04-01	86.35	7.69	64.46	72.6	88.53	128.53	16.97	75.07	107.7	129.6	112.18	14.05	71.79	93.28	117.08
2019-05-01	86.46	8	64.41	71.27	89.58	125.87	16.49	76.72	107.08	130.29	112.1	13.56	73.31	95.41	117.02
2019-06-01	87.18	7.86	65.06	71.82	90.03	118.69	15.27	73.58	99.59	123.59	111.46	13.42	71.72	93.88	116.16
2019-07-01	88.49	8.98	65.01	75.22	93.46	119.63	14.97	77.02	105.61	124.63	111.78	12.82	75.13	98.36	117.67
2019-08-01	84.36	8.08	64.58	69.53	88.84	116.82	15.04	74.6	95.62	121.49	108.91	11.44	79.48	93.75	113.94
2019-09-01	86.36	7.99	66.54	72.25	90.65	117.11	14.67	74.4	97.28	120.81	110.27	12.7	75.17	93.24	114.94
2019-10-01	86.4	7.66	66.47	72.13	89.3	117.34	16.15	70.24	95.43	121.21	110.16	14.66	68.82	90.92	114.85
2019-11-01	87.99	7.14	66.53	75.15	89.19	120.75	16.2	73.15	103.84	126.09	112.03	14	71.94	96.33	118.12
2019-12-01	85.64	7.66	64.85	74.13	88.41	119.98	16.93	70	102.32	124.46	111.95	14.83	70.18	93.74	116.77
2020-01-01	85.9	6.78	65.26	78.12	87.91	119.11	15.18	74.93	98.98	123.46	111.13	12.89	74.98	92.24	115.94
2020-02-01	85.92	7.39	65.65	77.63	89.52	119.24	16.17	71.77	96.38	122.82	111.43	13.4	74.03	90.43	115.75
2020-03-01															
2020-04-01															
2020-05-01	86.94	7.93	66.58	70.24	90.92	119.07	16.19	73.99	98.9	124.83	110.84	14.85	68.54	90.89	115.84
2020-06-01	86.84	7.59	66.66	71.29	89.59	119.99	15.88	75.25	98.53	125.28	111.02	14.1	69.91	90.71	115.03
2020-07-01	85.39	7.18	67	71.28	89.19	117.61	15.8	72.34	97.78	122.96	109.84	13.37	71.39	91.84	114.98
2020-08-01	85.15	7.33	66.81	70.79	89.37	116.76	14.73	76	97.97	122.54	108.98	11.79	77	92.89	113.88
2020-09-01	84.77	7.4	65.76	69.85	87.89	118	15.23	74.26	99.66	124.37	110.53	13.29	73.62	93.14	116.34
2020-10-01	85.27	7.64	65.73	72.2	88.44	121.39	16.15	74.7	99.25	126.79	111.78	13.97	72.34	94.1	117.73
2020-11-01	87.22	7.15	67.02	77.3	89.64	118.68	15.55	74.43	99.04	123.63	111.33	13.71	72.04	91.67	116.45
2020-12-01	87.42	7.44	66.92	76.62	90.17	118.74	15.3	74.94	98.92	123.38	110.61	13.87	71.85	90.89	115.9
2021-01-01	86.6	7.22	66.88	78.47	90.02	118.75	14.36	76.7	97.98	123.48	110.43	13.56	71.9	90.32	115.48

2021-02-01	86.05	6.87	65.05	77.31	88.01	119.46	16.5	70.97	94.88	123.93	111.86	13.95	72.59	91.42	117.01
2021-03-01	85.86	7.75	64.62	72.52	87.43	119.87	16.77	69.96	93.25	124.3	111.47	14.78	69.24	88.53	116.67
2021-04-01	85.93	7.82	64.4	70.65	87.62	118.94	17.44	68.34	91.67	123.17	111.25	15.14	68.45	88.45	116.19
2021-05-01	85.53	7.69	64.62	69.94	87.85	119.71	17.13	68.53	93.95	123.54	111.21	14.69	68.28	90.49	116
2021-06-01	85.87	8	64.52	69.88	88.79	119.46	15.87	75.43	99.48	125.19	111	14.05	69.6	91.9	116.09
2021-07-01	82.58	6.54	64.72	69.45	84.76	116.99	14.31	77.07	99.03	122.95	108.36	12.51	72.34	91.87	113.51
2021-08-01	82.57	6.97	64.53	68.91	85.83	116.8	14.28	76.15	97.78	122.53	108.3	11.37	77.88	91.6	113.15
2021-09-01	84.19	7.88	64.49	69.98	87.89	116.94	14.89	74.76	96.46	122.48	108.92	12.81	73.21	91.1	114.17
2021-10-01	86.22	7.72	65.02	75.25	88.89	117.71	15.26	73.75	98.24	122.66	109.78	13.72	70.2	91.32	114.63
2021-11-01	87.58	7.21	67.83	78.72	91.69	118.71	16.18	72.62	99.46	123.59	110.37	13.68	71.92	91.32	115.22
2021-12-01	87.87	6.5	68.31	79.06	89.96	120.21	16.21	72.43	97.39	124.73	110.23	13.56	71.83	89.61	115.56
2022-01-01	87.25	7.86	66.94	75.29	90.91	119.48	17.25	68.72	98.25	124.49	110.68	14.6	68.09	90.51	115.38
2022-02-01	87.33	7.71	66.8	74.86	90.03	119.47	17.04	70.68	97.04	124.54	111.49	14.73	69.48	91.01	116.51
2022-03-01	87.16	7.82	66.2	73.35	90.11	118.94	16.51	70.38	96.07	123.52	110.33	14.29	70.36	89.39	115.37
2022-04-01	86.47	7.65	66.01	73.02	88.86	117.94	16.15	70.66	92	121.74	110.45	14.07	70.1	88.41	115.24
2022-05-01	85.55	7.97	65.73	72.33	89.78	118.1	15.8	71.04	94.9	122.05	110.09	13.62	69.72	91.11	114.77
2022-06-01	83.96	7.39	65.76	71.57	88.91	114.97	15.11	71.73	95.2	119.38	109.09	13.45	70.07	91.59	114.19
2022-07-01	87.31	8.01	66.13	71.83	90.26	115.65	15.06	72.4	97.16	120.93	109.77	13.01	71.67	94.06	114.94
2022-08-01	85.08	7.39	66.04	70.62	88.33	116.64	14.29	75.84	96.09	120.58	108.73	11.43	77.75	92.54	113.59
2022-09-01	84.3	7.06	66.13	71.07	87.35	115.49	14.93	73.38	94.49	120.07	109.64	12.47	74.86	91.3	114.32
2022-10-01	85.9	7.97	65.56	70.3	89.09	117.3	15.78	72.08	97.39	121.7	110.19	14.14	69.74	91.72	115.07
2022-11-01	86.38	7.35	66.02	74.83	88.74	119.05	17.06	70.33	97.07	124.4	111.05	14.33	70.85	90.99	116.14
2022-12-01	86.18	7.27	65.98	76.5	89.19	118.77	16.51	71.86	96.62	123.67	110.75	13.64	72.94	91.23	115.97
2023-01-01	84.77	6.65	65.44	74.46	86.38	118.16	17.98	66.91	89.76	123.04	110.5	14.98	67.93	86.37	115.53
2023-02-01	85.1	7.03	65.58	75.45	87.32	118.53	16.92	68.71	94.4	123.11	110.57	14.28	70.11	90.9	115.78
2023-03-01	86.08	7.21	66.29	73.63	89.12	118.73	16.11	72.25	97.14	123.15	111.03	13.72	73.91	91.11	116.4
2023-04-01	86.15	7.58	66.24	75.31	89.25	118.15	15.69	72.24	95.55	122.7	110.91	13.44	72.67	90.88	116.01
2023-05-01	86.3	7.5	66.26	71.18	89.36	117.96	15.59	72.3	96.66	122.93	110.6	13.63	70.73	92.26	115.6
2023-06-01	84.2	6.96	66.45	72.85	88.22	116.16	15.07	73.39	97.23	121.24	109.04	12.89	72.71	92.73	114.41
2023-07-01	82.88	7.06	64.87	70.93	86.61	115.02	14.11	73.53	95.32	119.02	107.54	12.13	72.06	91.88	112.07

2023-08-01	82.88	7.25	64.63	70.44	86.68	113.93	14.21	74.95	93.64	118.83	108.22	11.04	78.33	91.46	112.63
2023-09-01	83.03	7.29	64.57	70.22	86.39	114.83	14.8	73.53	94.71	119.51	109.37	12	76.48	91.42	114.05
2023-10-01	82.7	7.1	64.5	70.11	86.15	116.04	15.97	70.57	95.31	120.46	108.8	14.01	69.28	89.12	113.55
2023-11-01	84.02	7.32	64.47	71.55	87.12	118.55	16.6	70.32	99.07	123.18	109.95	14.44	69.39	91.34	115.18
2023-12-01	84.23	7.45	64.26	72.87	87.51	119.21	16.79	70.75	97.98	124.27	110.95	14.71	69.99	90.17	116.05
2024-01-01	83.64	7.38	64.14	74.44	88.17	119.08	16.9	70.54	99.35	124.58	109.81	14.06	70.54	91.33	115.48
2024-02-01	84.14	7.69	64.04	73.81	87.68	119.45	16.7	71	100.8	124.66	111.25	14.12	71.04	93.04	116.4
2024-03-01	84.82	7.34	65.37	73.65	86.95	119.69	16.42	72.13	98.52	124.22	110.59	13.63	72.24	91.45	115.61
2024-04-01	85.7	7.35	65.39	72.42	87.95	118.19	16.76	70.23	99.59	123.39	110.56	14.08	70.5	92.24	115.44
2024-05-01	85.32	7.47	65.58	71.95	88.72	118.92	16.52	71.9	98.84	124.59	110.08	13.69	71.25	93.64	115.35
2024-06-01	84.4	7.17	65.66	71.69	87.85	117.65	14.86	75.29	100.7	123.59	109.07	12.8	72.05	95.24	114.58
2024-07-01	84.39	7.43	65.49	70.57	88.26	117.21	15.08	75.28	99.41	123.19	109.22	12.95	72.13	94.81	114.44
2024-08-01	84.25	7.64	65.47	70.96	88.8	116.6	14.38	75.7	98.95	121.76	109.3	11.47	77.84	94.63	114.13
2024-09-01	84.55	7.59	65.25	70.29	88.68	116.39	15.89	71.21	96.79	121.21	108.76	12.71	73.06	93.45	114.07
2024-10-01	87.64	7.7	65.42	72.13	88.92	117.91	16.2	72.74	99.36	123.81	109.93	14	70.22	93.28	115.09
2024-11-01	85.26	7.44	65.82	75.7	89.12	118.79	16.57	71.84	100.61	124.49	110.53	14.01	70.56	93.78	116.03
2024-12-01	85.83	7.22	66.05	75.44	88.7	119.5	16.52	72.92	100.9	125.2	110.22	13.79	71.36	92.88	115.4

Table 7a: Swanson Channel monthly sound pressure levels (SPL) in decibels (dB). Mean (Avg) and standard deviation (Std), Q₅, Q₅₀ and Q₉₅ levels for broadband and SRKW echolocation and communication ranges are given.

Date	Avg 10-100000Hz	Std 10-100000 Hz	Q5 10-100000 Hz	Q50 10-100000 Hz	Q95 10-100000 Hz	Avg 15000-100000 Hz	Std 15000-100000 Hz	Q5 15000-100000 Hz	Q50 15000-100000 Hz	Q95 15000-100000 Hz	Avg 500-15000 Hz	Std 500-15000 Hz	Q5 500-15000 Hz	Q50 500-15000 Hz	Q95 500-15000 Hz
2019-01-01															
2019-02-01															
2019-03-01															
2019-04-01															
2019-05-01															
2019-06-01															
2019-07-01															
2019-08-01															
2019-09-01	111.67	7.27	92.5	104.84	116.84	98.71	5.95	83.43	84.7	100.59	106.25	8.1	83.54	97.38	110.61
2019-10-01	110.05	7.82	89.1	103.45	115.82	93.75	4.47	83.39	84.38	96.6	103.57	7.7	82.42	97.46	108.11
2019-11-01	116.9	8.61	89.01	104.43	117.88	93.44	4.09	83.32	84.29	94.38	107.2	7.82	83.31	98	108.95
2019-12-01	111.19	8.03	90.38	104.48	117.1	91.12	4.52	83.28	84.59	96.9	103.17	7.45	84.34	98.07	108.55
2020-01-01	110.88	7.27	92.27	104.6	116.83	91.89	4.72	83.27	87.41	97.24	103.41	6.39	87.02	99.63	108.26
2020-02-01	111.82	7.88	91.05	105.7	117.88	91.8	4.75	83.18	84.72	97.47	103.95	7.14	85.66	99.47	109.44
2020-03-01	112.51	7.65	93.27	106.68	118.56	92.38	3.74	83.21	84.2	93.12	104.27	7.27	85.3	98.82	109.39
2020-04-01															
2020-05-01	114.5	8.88	87.95	103.34	117.3	100.98	4.78	83.11	83.69	96.93	105.03	8.13	80.61	94.9	107.65
2020-06-01	111.85	9.08	87.95	103.93	118.07	95.79	4.81	83.17	84.06	96.92	104.29	8.36	80.41	95.28	108.55
2020-07-01	111.83	8.9	88.09	103.42	117.82	97.16	5.33	83.13	83.92	98.76	104.78	8.61	80.02	94.63	108.92
2020-08-01	111.68	7.92	91.29	104.18	117.75	97.61	5.6	83.18	84.03	99.64	105.69	8.42	82.15	94.89	109.93
2020-09-01	115.45	7.83	92	104.33	117.79	96.23	4.99	83.31	84.77	98.36	106.61	8.09	82.31	94.83	108.45
2020-10-01	122.56	7.87	91.85	105.2	118.52	94.38	4.5	84.43	85.71	96.86	109.85	7.49	83.17	97.01	107.34
2020-11-01	113.04	7.82	92.51	105.63	119.12	92.29	3.99	85.74	87.48	97.07	102.97	6.81	85.21	98.82	107.74
2020-12-01	112.77	7.99	91.38	105.83	118.71	93.22	4.53	85.73	86.97	98.75	103.68	7.39	84.25	98.8	107.97
2021-01-01	111.91	7.61	91.81	105.02	117.57	92.52	4.06	85.79	87.13	97.47	103.89	7.2	84.77	98.84	108.79

2021-02-01	117.42	7.37	93.48	105.53	117.6	91.86	3.79	85.21	87.8	96.44	105.42	6.6	87.11	98.83	108.77
2021-03-01	111.97	7.75	92.02	105.62	118.02	92.6	3.62	84.94	86.21	94.24	104.39	7.46	84.11	98.86	109.02
2021-04-01	113.19	8.16	91.89	104.83	118.92	95.22	3.84	84.97	85.63	95.38	103.85	7.63	83.3	97.75	108.67
2021-05-01	115.17	8.88	90.61	104.5	119.94	96.46	4.01	85.19	85.82	96.04	103.96	7.91	81.56	96.79	108.44
2021-06-01	118.77	9.29	91.85	105.96	123.16	96.74	4.44	85.49	86.24	97.88	107.31	7.95	82.34	97.69	109.58
2021-07-01	122.43	10.61	91.61	105.37	127.94	98.49	4.72	85.65	86.3	98.61	105.53	8.16	82.03	96.27	109.64
2021-08-01	116.43	8.6	93.57	105.43	122.06	98.25	5.05	85.85	86.52	100.43	105.9	8.24	82.78	95.98	110.33
2021-09-01	114.82	7.84	93.56	104.91	119.11	97.27	5.04	86.01	86.93	100.49	104.67	7.79	83.72	97.57	109.16
2021-10-01	112.72	7.5	92.06	104.51	116.52	93.18	4.12	85.25	87.17	97.58	103.82	7.49	83.81	98.16	108.37
2021-11-01	111.58	7.32	92.71	105.68	117.52	94.73	5.16	85.28	88.03	100.97	103.96	6.67	86.58	99.28	108.49
2021-12-01	112.53	7.74	92.94	106.03	118.51	91.46	3.85	85.33	87.2	96.59	103.97	6.88	86.74	99.51	109.24
2022-01-01	113.82	8.46	90.94	106.67	119.83	92.33	4.27	85.53	86.3	98.12	104.76	8.09	83.92	99.5	110.27
2022-02-01	115.24	8.3	93.36	108.19	121.19	91.51	3.25	85.68	86.44	94.5	105.27	7.76	85.27	99.97	110.75
2022-03-01	115.5	8.44	92.2	106.74	120.61	93.62	4.18	84.85	86.32	97.8	105.55	7.86	84.5	99.34	110.48
2022-04-01	112.33	7.59	92.63	105.89	118.25	93.54	4.28	84.88	86.43	97.17	104.14	7.35	85.12	99.81	109.55
2022-05-01	114.58	8.57	91.5	106.48	120.94	95.76	4.86	84.98	86.32	98.75	104.65	8.01	82.66	99.14	109.58
2022-06-01	116.14	9.32	90.38	105.6	122.67	96.8	4.83	85.19	86.17	99.02	104.53	8.19	81.85	97.52	109.35
2022-07-01	121.06	10.55	92.22	108.21	128.07	99.58	5.78	84.19	85.23	100.6	108.22	9.08	82.02	97.94	112.59
2022-08-01	125.21	11.66	92.71	108.36	132.76	98.7	5.69	84.27	84.99	100.62	107.87	9.02	82.24	96.94	112.76
2022-09-01	124.3	10.44	94.03	107.44	128.73	96	4.46	84.47	85.11	96.83	105.11	7.8	83.7	96.32	109.65
2022-10-01	120.53	10.09	91.04	106.51	125.28	94.09	4.58	84.51	85.16	97.83	105.51	7.91	82.21	96.4	108.71
2022-11-01	116.71	7.93	95.67	109.23	121.83	90.51	3.78	84.6	85.79	95.43	104.67	7.17	87.13	99.91	110.48
2022-12-01	112.03	7.68	92.39	105.67	117.73	91.98	4.3	84.62	86.36	97.21	104.41	7.14	86.95	99.5	110.11
2023-01-01	112.07	7.87	91.71	105.26	117.71	91.54	3.88	84.73	85.78	95.88	104.73	7.4	85.78	99.05	110.19
2023-02-01	112.3	7.4	93.36	106.13	117.88	91.06	3.54	84.88	86.83	94.71	104.89	7.23	86.19	99.85	110.78
2023-03-01	114.84	7.39	93.09	105.94	117.68	90.62	3.82	83.91	85.65	94.59	105.08	7.16	86.25	100.03	110.26
2023-04-01	110.85	7.22	92.31	105.67	116.67	91.57	4.13	83.82	85.71	94.86	104.9	7.33	85.23	100.31	109.93
2023-05-01	115.3	8.37	92.25	106.56	120.01	94.81	4.53	83.86	84.73	96.38	105.84	8.06	83.57	99.32	110.76
2023-06-01	122.08	9.58	92.45	106.07	124.97	95.02	4.75	83.89	84.94	97.42	105.08	7.57	83.92	97.27	109.38
2023-07-01	127.61	10.65	94.97	110.35	131.54	101.86	6.02	84.63	89.9	104.34	111.1	8.77	85.57	101.36	115.63

2023-08-01	130.57	10.95	97.55	111.89	134.9	102.17	5.46	88.14	91.34	104.46	110.56	8.49	86.42	100.82	115.4
2023-09-01	127.42	9.8	98.76	111.8	131.69	100.01	4.73	88.3	92	102.55	108.36	7.77	86.48	100.13	112.75
2023-10-01	119.67	9.19	91.9	107.3	122.58	93.56	5.16	83.5	86.05	98.76	104.81	7.88	83.7	98.14	109.75
2023-11-01	117.22	9.16	90.73	105.72	121.81	89.75	3.92	83.47	84.21	95.23	104.1	7.66	84.07	97.73	109.61
2023-12-01	118.05	9.39	90.88	106.64	122.43	90.65	4.19	83.39	84.37	95.63	104.78	7.84	84.61	98.73	110.07
2024-01-01	117.82	8.65	91.13	105.03	119.13	91.4	4.76	83.31	84.86	97.74	103.54	7.41	84.32	98.38	109.38
2024-02-01	114.57	8.15	92.15	106.34	119.17	90.71	4.04	83.33	84.45	95.31	105.58	7.27	86.16	99.09	110.29
2024-03-01	112.3	7.8	92	105.66	117.85	91.77	3.93	84.22	85.89	94.76	104.93	7.62	84.64	99.4	109.81
2024-04-01	114.42	8.17	91.96	106.2	118.84	94.46	4.1	84.27	85.68	95.74	105.02	7.51	84.63	99.18	109.61
2024-05-01	119.61	8.86	93.47	106.92	123.05	94.57	4.61	84.29	85.67	97.6	105.38	7.24	85.4	98.88	109.96
2024-06-01	122.93	9.57	92.56	106.37	125.39	95.25	4.91	84.25	85.77	98.53	105.06	7.61	84.01	98.26	109.51
2024-07-01	122.69	9.2	96.33	110.47	127.38	102.67	5.33	85.17	92.52	104.48	110.07	8.48	85.62	100.7	114.44
2024-08-01	125.83	9.24	98.11	110.28	129.71	102.23	5.12	90.13	92.04	105.15	109.83	8.04	87.69	101.98	114.66
2024-09-01	123.16	8.4	97.93	108.72	125.42	99.27	4.33	90.01	90.64	102.62	107.75	7.49	87.73	99.82	112.49
2024-10-01	116.07	7.5	93.79	106.64	118.62	95.23	4.62	85.11	89.37	99.17	106.5	7.52	84.69	98.54	109.44
2024-11-01	113.55	8.13	92.16	106.45	119.7	92.8	4.47	84.94	87.03	97.91	104.21	7.45	84.25	99.29	109.8
2024-12-01	116.19	8.99	92.25	107	123.65	92.38	4.41	84.82	86.36	97.38	104.22	7.11	85.83	99.72	109.53

Table 7b: Swanson Channel monthly sound pressure levels (SPL) in decibels (dB). Mean (Avg) and standard deviation (Std), Q₅, Q₅₀ and Q₉₅ levels for water turbulence, echosounders and wind are given.

Date	Avg 10- 100 Hz	Std 10- 100 Hz	Q5 10- 100 Hz	Q50 10- 100 Hz	Q95 10- 100 Hz	Avg 49500- 50500 Hz	Std 49500- 50500 Hz	Q5 49500- 50500 Hz	Q50 49500- 50500 Hz	Q95 49500- 50500 Hz	Avg 7500- 8500 Hz	Std 7500- 8500 Hz	Q5 7500- 8500 Hz	Q50 7500- 8500 Hz	Q95 7500- 8500 Hz
2019-01-01															
2019-02-01															
2019-03-01															
2019-04-01															
2019-05-01															
2019-06-01															
2019-07-01															
2019-08-01															
2019-09-01	107.17	9.32	82.38	98.23	113.18	93.99	6.15	64.52	65	80.43	89.52	8.5	66.39	78.09	93.4
2019-10-01	106.64	10.9	77.35	95.2	113.04	87.88	4	64.49	64.85	74.3	85.54	7.36	66.44	78.2	89.5
2019-11-01	114.75	12.02	77.25	97.05	115.87	88.22	3.93	64.33	64.7	72.45	85	7.29	66.59	77.98	89.73
2019-12-01	109.02	11.57	77.41	97.69	115.01	77.09	3.38	64.03	64.52	73.35	83.98	7.07	66.68	77.92	89.35
2020-01-01	108.39	11.01	79.05	96.47	114.8	70.25	3.71	64.02	66.55	74.65	84.32	6.49	68.13	80.44	89.19
2020-02-01	109.61	11.6	78.35	98.27	116.19	79.73	3.81	63.95	64.49	74.55	84.51	7.15	66.61	79.18	89.62
2020-03-01	110.45	11	80.54	101.46	117.05	88.27	3.29	63.98	64.32	71.29	85.2	7.19	66.94	78.33	89.59
2020-04-01															
2020-05-01	112.69	11.65	77.69	98.06	115.14	84.76	3.88	63.53	63.82	72.4	87.64	7.42	66.01	75.11	89.28
2020-06-01	109.43	11.94	77.86	98.55	116.45	90.25	4.31	63.58	63.95	73.12	87.77	7.99	66.2	76.2	91.62
2020-07-01	108.87	11.36	78.07	97.55	115.62	92.94	5.5	63.55	63.94	76.49	88.57	8.33	66.05	75.28	92.37
2020-08-01	108.22	9.93	81.92	98.48	114.93	91.34	5.79	63.6	64.03	78.68	89.46	8.63	66.1	75.68	93.49
2020-09-01	113.18	10.03	82.72	99.31	115.58	91.12	4.97	63.7	64.79	76.02	87.89	8.12	66.51	75.95	91.84
2020-10-01	121.05	10.21	82.45	100.18	116.74	88.83	4.2	64.64	65.44	74.15	86.51	7.27	67.66	78.84	90.18
2020-11-01	111.67	10.94	81.91	100.27	117.84	72.22	3.23	66.2	67.05	74.82	84.68	6.52	68.31	80.45	89.7
2020-12-01	111.16	11.26	80.18	100.07	117.29	73.92	3.77	66.14	66.71	76.41	84.94	7.02	67.3	79.57	89.61
2021-01-01	109.63	10.66	80.31	98.57	115.79	78.49	3.37	66.09	66.74	75.08	84.8	6.89	67.07	79.21	89.77
2021-02-01	116.33	10.53	82.11	99.72	115.83	71.54	2.96	66.19	67.58	73.77	84.3	6.07	68.95	79.43	88.81

2021-03-01	109.8	10.71	81.08	99.78	116.31	82.32	3.3	65.93	66.47	72.6	85.86	7.32	66.71	79.26	90.19
2021-04-01	111.69	11.32	80.45	99.14	117.46	90.86	3.59	65.86	66.12	72.66	85.8	7.59	66.23	77.51	90.26
2021-05-01	114.28	11.74	79.82	99.46	118.67	91.61	3.75	65.85	66.12	73.07	86.91	7.74	65.86	76.92	90.77
2021-06-01	117.78	12.15	81.65	101.44	122.4	91.76	4.68	65.91	66.34	76.26	87.81	8.09	66.3	78.19	92.35
2021-07-01	122.22	13.21	82.21	100.45	127.68	93.39	5.35	66.13	66.47	79.22	89.03	8.31	66.5	76.62	93.15
2021-08-01	115.49	11.13	83.75	99.29	120.9	92.23	5.63	66.22	66.62	81.15	89.18	8.48	66.66	76.84	94.04
2021-09-01	113.73	10.41	83.44	97.97	117.36	90.25	5.09	66.23	66.68	79.02	87.99	8.18	66.56	78.49	92.22
2021-10-01	111.12	10.51	80.46	97.48	114.75	82.06	3.58	66.29	67.08	75.01	85.59	7.42	67.05	79.7	90.86
2021-11-01	109.38	11.26	78.71	98.75	115.95	73.23	4.04	66.29	67.8	78.18	85.36	6.5	68.66	80.41	90.21
2021-12-01	110.9	11.83	79.8	98.66	117.26	71.2	2.96	66.18	67.14	74.23	84.74	6.56	68.64	80.17	89.63
2022-01-01	112.37	12.44	78.1	99.71	118.77	71.13	3.29	66.2	66.48	75.49	85.42	7.57	66.69	79.32	90.11
2022-02-01	114.18	12.07	80.69	102.59	120.38	72	2.68	66.1	66.36	72.53	85.73	7.31	67.32	79.53	90.79
2022-03-01	114.22	12.04	79.71	100.18	119.48	85.41	3.09	65.81	66.32	74.26	86.05	7.55	67.08	79.04	91.41
2022-04-01	110.39	11	80.58	98.82	116.47	86.96	3.38	65.78	66.24	74.33	85.8	7.32	67.24	80.68	91.04
2022-05-01	113.42	12.16	79.43	99.81	119.98	87.83	4.39	65.84	66.16	75.92	87.57	8.08	66.35	80.17	92.21
2022-06-01	115.37	12.69	78.58	99.18	122.01	90.4	5.16	65.89	66.2	78.37	87.56	8.31	66.37	78.43	92.76
2022-07-01	120.55	13.14	83.45	103.44	127.69	93.91	7.12	61.48	61.89	80.93	89.95	9.32	65.93	77.15	94.62
2022-08-01	125.04	14.27	84.13	103.74	132.7	91.77	6.73	61.5	61.88	79.75	89.9	9.26	65.89	76.04	94.74
2022-09-01	124.18	13.27	84.41	103.3	128.57	89.68	5.03	61.56	61.91	73.32	87.02	7.88	66.21	75.67	91.13
2022-10-01	120.16	12.92	81.58	102.79	125.04	85.89	4.88	61.58	63.67	73.9	84.59	7.31	66.26	76.2	89
2022-11-01	116.02	9.86	89.54	105.73	121.18	75.08	2.76	64.7	65.26	71.93	84.39	6.82	68.17	78.74	89.67
2022-12-01	110.12	10.91	80.83	98.54	115.98	69.83	3.28	64.63	65.46	73.31	84.3	6.8	68.21	78.69	89.56
2023-01-01	109.77	11.15	80.24	97.68	115.75	75.42	2.94	64.59	65.11	72.04	84.2	6.82	67.3	77.72	89.02
2023-02-01	110.16	10.46	81.9	99.86	116.21	70.73	2.69	64.58	65.5	71.18	84.42	6.77	67.33	78.68	89.31
2023-03-01	113.44	10.25	82.19	99.38	115.81	77.16	4.5	61.4	62.78	70.96	84.14	6.74	67.28	78.73	89.17
2023-04-01	107.71	9.64	82.58	97.63	114.18	71.86	3.31	61.35	61.99	68.54	85.07	7.24	66.46	79.63	89.87
2023-05-01	114.14	11.1	81.76	100.41	118.3	86.59	4.87	61.41	61.71	72.29	87.33	8.16	66.18	78.12	92.24
2023-06-01	121.89	12.26	82.86	101.01	124.45	84.54	5.17	61.43	61.87	73.85	87.12	7.75	66.39	76.5	91.29
2023-07-01	127.4	13.05	86.49	104.63	131.09	91.66	7.23	61.69	64.01	83.17	94.49	9.33	69.59	83.21	99.84
2023-08-01	130.47	13.76	88.06	107.51	134.75	91.54	7.35	62.86	64.86	84.22	94.88	9.09	70.42	82.8	99.74

2023-09-01	127.29	12.62	88.86	108.22	131.46	82.48	5.42	62.79	64.74	77.52	92.67	8.19	69.99	81.98	96.43
2023-10-01	119.31	12.05	82.28	102.65	121.97	77.62	3.83	62.83	63.42	72.89	86.67	7.89	66.87	78.07	91.81
2023-11-01	116.74	12.24	80.05	100.6	121.08	70.36	2.98	62.97	63.38	71.03	83.5	6.98	66.7	77.02	88.86
2023-12-01	117.59	12.8	79.45	100.67	121.79	69.44	3.1	62.88	63.37	71.05	84.3	7.21	66.75	77.41	89.56
2024-01-01	117.46	11.99	79.99	98.81	118.05	74.42	3.5	62.81	63.53	72.71	82.95	6.73	66.44	77.27	88.01
2024-02-01	112.96	11.4	80.64	100.3	117.66	78.47	3.01	62.82	63.33	70.99	83.74	6.88	67.01	77.63	88.76
2024-03-01	109.97	10.81	80.96	98.35	115.91	78.14	3.21	63.62	64.23	70.31	85.53	7.36	66.91	79.55	90.42
2024-04-01	113.19	11.54	80.43	99.82	117.32	79.06	3.33	63.69	64.24	70.89	86.95	7.33	66.93	79.05	90.91
2024-05-01	119.24	12.22	82.1	101.34	122.1	82.04	4.28	63.71	64.22	73.56	87.28	7.64	66.93	79.1	92.05
2024-06-01	122.77	12.35	82.91	100.59	124.77	87.09	4.92	63.68	64.28	74.93	87.83	8.07	66.54	78.55	92.58
2024-07-01	121.91	11.57	87.4	105.58	126.47	95.01	6.46	64.08	70.27	85.9	92.9	8.97	69.85	79.99	97.48
2024-08-01	125.6	11.65	89.35	104.44	129.16	92.57	6.13	68.71	69.72	85.44	93.17	8.87	70.33	81.75	98.14
2024-09-01	122.89	10.97	88.22	103.28	124.15	87.89	4.77	68.7	69.19	80.89	90.41	7.75	70.3	79	94.34
2024-10-01	114.74	9.95	84.65	101.74	117.24	82.49	3.79	65.98	67.99	76.02	86.62	7.27	67.48	78.54	90.62
2024-11-01	112.17	11.55	80.5	100.44	118.47	71.11	3.26	65.79	66.69	74.47	84.53	6.96	67.01	79.51	89.88
2024-12-01	115.52	12.85	80.22	100.79	123.36	77.47	3.46	65.66	66.28	74.65	84.63	6.99	67.44	79.55	89.89

Table 7c: Swanson Channel monthly sound pressure levels (SPL) in decibels (dB). Mean (Avg) and standard deviation (Std), Q₅, Q₅₀ and Q₉₅ levels for rain and commercial vessels are given.

Date	Avg 19500 - 20500 Hz	Std 19500- 20500 Hz	Q5 19500- 20500 Hz	Q50 19500- 20500 Hz	Q95 19500- 20500 Hz	Avg 57-71 Hz	Std 57-71 Hz	Q5 57-71 Hz	Q50 57-71 Hz	Q95 57-71 Hz	Avg 113-141 Hz	Std 113- 141 Hz	Q5 113- 141 Hz	Q50 113-141 Hz	Q95 113-141 Hz
2019-01-01															
2019-02-01															
2019-03-01															
2019-04-01															
2019-05-01															
2019-06-01															
2019-07-01															
2019-08-01															
2019-09-01	82.61	7.77	64.37	67.74	87.51	100.94	10.44	72.03	90.01	106.78	98.18	7.93	77.28	90.66	103.54
2019-10-01	78.5	6.39	64.32	67.03	83.84	100.24	11.77	67.84	87.4	106.18	96.61	9.47	71.07	87.62	102.63
2019-11-01	77.15	5.73	64.19	66.94	81.22	105.95	12.77	67.25	89.05	108.75	105.21	10.49	69.98	87.89	104.5
2019-12-01	77.93	6.56	64.5	67.86	84.72	103.01	12.31	68.21	89.18	108.09	98.01	10.52	70.02	87.83	104.48
2020-01-01	78.78	6.71	64.51	72.57	84.68	101.73	11.64	69.87	88.21	107.92	97.61	8.99	74.15	88.96	103.76
2020-02-01	78.36	6.8	64.29	68.35	85.01	103.17	12.54	68.03	89.26	109.23	98.6	10.27	69.85	88.76	104.83
2020-03-01	76.18	5.52	64.41	67.04	79.86	102.85	11.62	70.11	90.65	108.81	99.23	9.94	72.14	89.46	105.15
2020-04-01															
2020-05-01	89.96	6.61	64.49	66.09	84.53	103.66	12.86	67.05	88.57	108.07	99.04	10.62	69.07	88.39	103.68
2020-06-01	80.58	6.6	64.6	67.08	84.43	101.63	12.66	67.39	88.28	108.25	97.92	10.24	69.96	88.03	103.82
2020-07-01	81.07	6.95	64.56	66.75	85.85	100.31	11.61	67.33	87.9	105.38	98.24	9.74	70.77	88.08	103.27
2020-08-01	82.5	7.26	64.61	66.91	86.68	99.48	10.21	71.04	88.91	105.1	97.89	8.24	75.61	89.93	102.82
2020-09-01	81.22	6.73	64.83	67.58	86.02	103.91	10.45	71.99	90.14	106.45	102.82	8.4	75.71	89.98	103.48
2020-10-01	79.83	6.29	66.34	68.93	84.56	110.84	10.36	72.49	91.5	106.98	110.86	9.39	74.4	90.4	105.47
2020-11-01	78.66	6.07	66.32	71.3	84.17	102.76	11.42	71.86	91.77	109.08	98.61	9.34	73.81	90.18	104.74
2020-12-01	79.87	6.83	66.16	70.01	86.11	102.88	11.74	70.62	91.36	108.93	98.25	9.75	71.89	89.91	104.07
2021-01-01	78.76	6.36	66.02	70.37	84.61	102.96	11.41	70.71	89.88	108.51	99.32	9.68	72.78	90.29	104.75

2021-02-01	78.32	5.71	66.18	72.09	83.89	108.82	11.4	72.22	90.76	108.67	103.45	8.99	75.49	90.23	104.56
2021-03-01	77.98	5.53	65.71	69.38	80.97	103.22	11.95	70.69	90.32	109.63	98.22	9.71	71.76	90.01	104.47
2021-04-01	78.48	5.82	65.51	67.7	82.64	102.33	11.97	69.67	89.09	108.45	97.98	9.91	71.16	88.46	103.9
2021-05-01	80.69	6.07	65.49	67.74	83.47	102.78	11.88	70.33	90.15	108.78	97.75	9.99	70.89	88.57	103.81
2021-06-01	80.7	6.37	65.96	68.52	85.1	104.85	11.5	71.74	91.55	109.27	101.54	9.86	72.06	89.49	104.54
2021-07-01	82.37	6.45	66.1	68.41	85.28	99.96	10.23	72.02	90.27	106.33	97.25	9.04	72.81	88.84	102.71
2021-08-01	82.61	6.83	66.26	68.63	87.02	98.48	9.2	73.18	88.73	103.96	97.34	7.66	77.36	90.17	102.83
2021-09-01	82.6	7.27	66.24	69.35	87.73	98.72	9.66	72.98	88.25	104.72	97.73	7.81	77.59	90.07	103.33
2021-10-01	79.38	6.2	66.18	70.93	85.09	101.26	11.21	69.79	88.87	106.63	97.91	9.21	72.37	89.06	102.63
2021-11-01	81.78	7.21	66.21	72.81	88.56	101.3	11.76	68.67	88.92	107.3	97.82	9.22	73.12	88.73	103.43
2021-12-01	77.88	5.92	66.08	71.05	83.92	101.6	11.77	69.37	86.36	107.36	98.02	9.41	72.67	87.63	103.48
2022-01-01	79.08	6.67	65.76	68.56	85.71	102.86	12.57	67.01	86.54	108.03	99.05	10.57	69.26	88.11	104.43
2022-02-01	77.41	5.35	65.88	68.69	81.53	102.63	12.15	68.51	89.25	108.88	99.25	10.11	71.67	89.49	105.24
2022-03-01	79.64	6.41	66.06	69.06	85.84	103.02	12.48	68.03	89.06	108.49	100.22	10.31	70.55	89.43	104.52
2022-04-01	79.37	6.4	66.26	70.7	85.05	101.14	11.68	69.21	88.59	107.16	98.92	9.75	72.53	89.8	105.06
2022-05-01	81.81	6.97	66.26	70.23	86.67	101.8	11.82	68.25	88.86	107.39	98.59	9.8	71.28	89.63	104.65
2022-06-01	81.56	6.72	66.37	69.38	86.56	99.11	10.98	68.47	88.8	104.5	97.85	9.42	72.11	89.23	103.58
2022-07-01	84.26	7.46	65.81	68.04	87.51	102.73	10.64	72.99	91.97	108.07	99.53	8.94	74.28	90.53	103.56
2022-08-01	83.82	7.26	65.82	67.84	87.25	103.54	10.84	73.31	92.16	109.78	98.44	8.36	75.99	90.37	103.65
2022-09-01	81.19	6.1	65.94	67.84	83.8	101.39	10.05	73.61	90.64	106.73	97.65	8	77.12	89.32	103.13
2022-10-01	78.57	6.17	65.47	67.59	84.48	110.35	11.44	69.85	90.54	107.34	100.17	9.68	70.83	87.88	102.9
2022-11-01	76.02	5.53	65.4	68.46	81.78	105.35	10.1	79.07	95.87	111.47	98.79	9.15	74.48	90.27	104.3
2022-12-01	77.61	6.03	65.36	69.39	83.71	102.55	12.12	69.48	88.83	108.69	97.56	9.57	71.77	88.26	103.52
2023-01-01	77.02	5.88	65.11	68.17	82.54	103.08	12.55	68.63	88.48	108.79	98.76	10.07	71.03	88.76	104.5
2023-02-01	76.64	5.49	65.21	70.08	81.1	102.96	11.77	69.83	90.09	108.85	98.56	9.44	72.29	89.1	104.15
2023-03-01	76.28	5.33	65.71	69.48	81.02	104.82	12	69.52	89.69	108.97	100.43	9.33	73.46	89.59	104.48
2023-04-01	78.49	6.13	65.68	70.4	82.68	100.88	11.51	69.39	88.09	107.11	98.19	9.28	73.1	90.58	104.33
2023-05-01	80.41	6.13	65.75	68.05	83.7	101.45	11.71	69.72	90.05	107.86	98.14	9.5	72.47	89.72	103.94
2023-06-01	81.06	6.36	65.86	68.7	84.85	101.63	10.79	71.71	90.64	107.46	96.99	8.54	74.44	89.24	102.95
2023-07-01	86.18	7.91	66.65	72.38	90.55	105.31	10.47	76.16	93.43	109.93	101.76	9.02	75.71	92.05	105.81

2023-08-01	86.72	7.75	67.12	71.67	90.06	103.7	10.01	76.13	92.64	109.08	100.82	8.05	79.57	92.63	106.3
2023-09-01	84.52	6.8	67	70.85	87.37	103.26	9.76	77.02	93.78	109.01	101.01	8.1	79.67	92.63	106.24
2023-10-01	78.3	6.63	63.4	67.28	84.1	103.58	10.93	71.37	90.52	106.78	98.68	10.06	70.62	88.35	103.73
2023-11-01	75.03	5.84	63.32	65.55	81.25	101.44	11.79	68.23	88.69	107.06	97.11	10.35	69.25	87.18	102.98
2023-12-01	76.04	6.24	63.21	66.17	81.97	101.95	12.49	67.49	87.08	107.41	98.39	10.73	69.27	87.82	104.17
2024-01-01	77.22	6.96	63.09	67.18	84.44	101.5	12.13	68.88	87.8	107.68	96.93	9.83	70.27	87.51	102.83
2024-02-01	75.73	6.12	63.1	66.29	81.6	104.1	12.18	69.54	90.17	108.99	100.35	10.19	71.26	89.67	105.13
2024-03-01	77.3	5.74	65.13	69.21	81.2	103.5	11.89	70.69	89.68	109.32	98.96	8.91	75.22	90.64	104.59
2024-04-01	80.12	5.9	65.12	68.72	82.39	102.6	11.53	70.61	89.92	107.85	98.22	8.99	74.29	90.1	103.98
2024-05-01	80.06	6.38	65.15	68.77	84.22	101.71	10.82	72.77	91.13	108.08	97.99	8.38	76.2	90.9	103.78
2024-06-01	80.32	6.65	65.16	68.82	85.1	101.07	10.37	73	91.48	106.98	97.74	8.4	75.8	91.29	103.55
2024-07-01	86.51	7.27	67.66	72.11	90.34	106.48	10.89	76.3	95.88	112.26	107.25	8.84	75.91	93.17	105.51
2024-08-01	86.62	7.53	69.02	72.39	91.2	105.93	10.67	76.99	94.75	112.79	101	7.73	80.55	94	105.94
2024-09-01	84.29	6.54	69.05	70.87	88.84	102.93	9.74	76.92	92.97	108.75	99.83	7.58	80.02	93.83	105.36
2024-10-01	80.56	6.38	66.09	69.85	86.05	103.31	10.2	74.25	91.39	107.49	99.99	9.07	74.22	90.21	104.09
2024-11-01	79.16	6.49	65.88	70.99	85.21	101.55	11.41	70.02	90.25	107.55	98.52	9.45	72.82	89.87	104.05
2024-12-01	78.59	6.44	65.77	69.82	84.47	101.9	11.46	69.91	89.99	107.62	98.34	9.43	72.82	89.61	104

Table 8a: Strait of Georgia south monthly sound pressure levels (SPL) in decibels (dB). Mean (Avg) and standard deviation (Std), Q₅, Q₅₀ and Q₉₅ levels for broadband and SRKW echolocation and communication ranges are given.

Date	Avg 10-100000Hz	Std 10-100000 Hz	Q5 10-100000 Hz	Q50 10-100000 Hz	Q95 10-100000 Hz	Avg 15000-100000 Hz	Std 15000-100000 Hz	Q5 15000-100000 Hz	Q50 15000-100000 Hz	Q95 15000-100000 Hz	Avg 500-15000 Hz	Std 500-15000 Hz	Q5 500-15000 Hz	Q50 500-15000 Hz	Q95 500-15000 Hz
2020-01-01															
2020-02-01															
2020-03-01															
2020-04-01															
2020-05-01															
2020-06-01															
2020-07-01															
2020-08-01															
2020-09-01	107.71	4.5	97.41	105.24	112.18	92.38	3.01	84.92	85.1	92.42	101.55	5.1	89.49	97.86	105.72
2020-10-01	116.26	4.36	99.66	106.64	113.3	94.65	3.61	85	86.02	94.07	106.43	4.62	93.25	101.36	107.64
2020-11-01	109.73	4.01	100.53	107.31	113.35	91.1	3.94	83.19	86.32	94.35	104.02	3.89	95.19	102.08	107.68
2020-12-01	111.48	4.49	101.74	107.97	115.81	90.43	2.86	85.16	88.01	94.09	104.93	3.42	98.05	102.67	108.37
2021-01-01	108.42	4.28	99.15	106.37	112.75	89.78	3.88	83.19	86.52	94.42	102.37	3.83	94.11	101.09	106.09
2021-02-01	115.32	4.41	98.75	105.83	112.71	90.18	3.16	83.75	88.31	92.37	104.16	3.72	94.06	100.57	105.2
2021-03-01	108.03	4.32	98.51	105.74	112.52	87.55	2.77	83.7	85.07	91.34	101.34	3.84	92.85	99.92	105.14
2021-04-01	109.63	4.64	96.87	104.28	112	89.84	3.46	82.13	84.17	90.95	101.42	4.57	90.49	99.1	105.07
2021-05-01	107.51	4.92	96.29	104.5	112.53	90.35	2.84	82.12	82.49	88.93	101.27	5.03	89.18	98.43	105.39
2021-06-01	114.67	4.74	98.37	106.14	113.23	95.04	3.75	82.17	84.77	92.04	105.65	5.19	90.45	99.13	106.95
2021-07-01	107.25	4.29	97.64	105.19	111.8	89.58	1.97	84.54	84.8	88.96	98.87	4.41	88.59	96.36	102.48
2021-08-01	107.2	4.33	97.75	104.81	111.94	89.55	2.41	84.64	85.16	90.17	99.15	4.6	88.05	96.33	102.66
2021-09-01	108.25	4.24	98.76	105.92	112.62	91.3	3.73	84.86	85.37	95.06	102.01	4.57	91.14	99.36	105.84
2021-10-01	112.99	3.93	100.15	106.55	112.52	90.95	3.28	84.14	87.3	93.45	104.28	3.71	95.66	101.86	107.49
2021-11-01	109.09	4.12	99.4	106.35	112.35	93.58	4.7	84.04	87.89	98.83	103.21	4.04	93.88	100.87	106.65
2021-12-01	108.77	3.79	100.22	106.98	112.55	95.65	3.34	84.07	88.31	93.62	102.72	3.61	94.57	101.44	106.34
2022-01-01	108.42	4.12	98.8	106.16	112.27	95.28	3.93	84.02	85.33	95.27	101.86	3.92	92.77	99.89	105.29

2022-02-01	108.57	4.23	98.37	105.8	112.27	96.61	3.01	84.02	85.22	91.71	101.76	3.98	91.67	99.19	104.49
2022-03-01	111.14	4.42	97.34	104.92	111.84	89.08	3.54	83.32	85.31	94.23	101.58	4	91.49	98.88	104.26
2022-04-01	107.36	4.41	97.53	105.27	111.84	88.84	3.57	83.29	84.68	93.05	101.44	4.48	91.04	99.54	105.23
2022-05-01	107.47	4.32	97.75	105.52	111.77	89.37	3.43	83.28	84.13	92.31	101.99	4.47	91.78	99.87	106.03
2022-06-01	107.8	4.56	97.7	105.58	112.47	88.87	3.01	83.28	83.81	91.88	102.66	4.98	91.04	99.67	107.27
2022-07-01	113.54	4.61	99.26	106.36	114.07	95.79	3.14	83.34	83.64	88.85	106.23	4.93	91.67	99.32	107.02
2022-08-01	109.79	4.8	99.28	106.2	115.38	87.75	2.38	83.34	83.6	89.01	100.82	4.65	89.81	97.52	104.71
2022-09-01	113.46	5.74	99.56	106.92	118.86	87.42	2.65	83.34	83.64	90.35	102.02	4.9	90.27	99.13	106.06
2022-10-01	120.51	6.3	98.48	106.69	118.94	90.38	3.52	82.34	83.61	91.96	103.69	4.83	91.23	100.19	106.95
2022-11-01	109.15	4.15	99.78	106.7	113.45	90.42	4.22	82.17	85.15	93.65	103.4	3.72	94.47	100.81	106.52
2022-12-01	108.22	4.13	99.2	106.31	112.68	88.4	3.68	82.17	87.04	92.73	101.91	3.74	93.25	100.66	105.78
2023-01-01															
2023-02-01	109.29	4.64	98.64	105.67	113.78	90.02	4.08	82.21	86.47	92.95	101.11	4.43	90.96	98.54	104.67
2023-03-01	113.49	4.59	98.43	105.82	113.22	90.85	3.55	82.6	85.22	92.47	102.29	4.17	90.24	97.94	103.46
2023-04-01	108.7	4.4	98.88	106.49	113.36	89.12	3.88	82.6	85.39	92.97	101.89	4.14	92.76	100.02	105.84
2023-05-01	109.27	4.49	98.99	106.58	113.59	86.92	2.69	82.6	82.91	89.08	102.1	4.88	90.63	98.87	106.64
2023-06-01	113.05	4.34	99.26	106.39	113.41	101.16	3.58	82.59	83.38	91.55	105.92	4.54	90.34	97.87	104.6
2023-07-01	114.84	4.66	97.77	105.14	112.48	103.04	2.96	82.72	83.37	90.46	107.62	4.64	90.41	97.94	104.95
2023-08-01	108.25	4.33	98.58	105.99	113.04	90.13	2.96	82.72	83.13	89.84	101.56	4.68	90.74	99.07	105.74
2023-09-01	109.17	4.45	99.13	107.03	113.88	88.75	3	82.73	83.34	90.55	103.62	5.01	91.7	101.31	108.41
2023-10-01	110.67	4.45	99.17	107.34	113.39	89.89	3.66	82.75	84.26	93.74	105.26	4.43	95.01	103.04	109.2
2023-11-01	108.65	4.02	100.02	106.9	113.2	88.95	3.56	83.4	85.13	93.53	103.07	3.66	95.16	101.69	107.34
2023-12-01	109.07	4.15	99.37	106.51	113.14	90.09	3.81	83.41	85.47	94.3	103.1	3.71	94.77	101.3	106.67
2024-01-01	111.43	4.72	98.54	106.37	113.2	94.22	4.78	83.4	86.39	97.81	104.45	4.47	92.91	100.7	106.49
2024-02-01	113.62	4.34	99.42	106.06	113.69	92.06	4.45	83.4	86.24	96.57	102.72	4.34	91.69	99.66	105.47
2024-03-01	107	4.13	97.99	105.11	111.57	88.82	3.81	82.95	84.58	92.84	100.72	4.02	91.74	99.27	104.74
2024-04-01	107.41	4.03	98.12	105.18	111.24	88.93	3.42	82.94	85.13	91.75	101.83	3.98	92.59	100.04	105.16
2024-05-01	107.21	4.02	98.1	105	111.04	88.58	3.28	82.93	84.25	91.29	102.13	4.27	92.16	99.95	105.66
2024-06-01	107.74	4.2	98.14	105.44	112	92.72	3.54	82.93	83.72	92.52	102.59	4.78	91.18	99.59	106.74
2024-07-01	114.15	4.69	97.98	105.26	113.15	90.06	2.59	82.98	83.96	88.75	103.39	5.15	87.11	96.12	103.15

2024-08-01	109.62	4.96	98.69	106.28	115.2	88.12	2.47	83.74	84.03	88.68	99.23	4.7	88.24	96.37	103.38
2024-09-01	109.4	4.82	98.68	106.17	114.33	88.8	2.76	83.74	84.07	89.57	99.94	4.74	88.83	97	104.17
2024-10-01	114.16	4.32	99.52	107.3	113.63	88.31	3.36	82.79	84.18	92.51	103.87	4.46	93.22	101.06	107.49
2024-11-01	110.41	4.2	100.28	107.2	113.51	90.61	4.03	82.76	86.05	94.36	106.02	4.15	95.41	102.16	108.3
2024-12-01	108.8	4.06	99.99	106.98	113.33	88.81	3.91	82.74	84.69	93.73	103.09	3.86	94.72	101.78	107.1

Table 8b: Strait of Georgia south monthly sound pressure levels (SPL) in decibels (dB). Mean (Avg) and standard deviation (Std), Q₅, Q₅₀ and Q₉₅ levels for water turbulence, echosounders and wind are given.

Date	Avg 10-100 Hz	Std 10- 100 Hz	Q5 10- 100 Hz	Q50 10-100 Hz	Q95 10-100 Hz	Avg 49500- 50500 Hz	Std 49500- 50500 Hz	Q5 49500- 50500 Hz	Q50 49500- 50500 Hz	Q95 49500- 50500 Hz	Avg 7500- 8500 Hz	Std 7500- 8500 Hz	Q5 7500- 8500 Hz	Q50 7500- 8500 Hz	Q95 7500- 8500 Hz
2020-01-01															
2020-02-01															
2020-03-01															
2020-04-01															
2020-05-01															
2020-06-01															
2020-07-01															
2020-08-01															
2020-09-01	103.13	5.65	89.64	99.98	108.66	86.07	2.7	65.67	65.74	69.78	81.56	5.8	67.37	76.24	86.11
2020-10-01	114.77	5.95	90.14	99.86	109.89	92.41	3.15	65.66	65.95	70.47	83.85	5.26	70.71	80.34	87.94
2020-11-01	104.47	6.02	89.63	100.4	109.66	72.88	2.69	64.84	66.33	71.81	83.75	5.16	71.51	81.24	88.28
2020-12-01	106.94	6.48	91.48	101.57	112.08	68.98	2.12	65.67	67.57	71.82	84.61	3.22	78.57	83.14	88.54
2021-01-01	104.38	6.5	88.62	100.52	109.82	70.52	2.54	64.83	66.44	71.73	83.46	4.96	71.45	81.14	87.43
2021-02-01	113.38	6.64	88.19	99.93	109.71	73.95	2.15	64.08	66.63	69.46	84.32	4.34	73.65	82.37	87.31
2021-03-01	104.3	6.31	88.86	100.41	109.59	66.76	1.6	64.03	64.52	67.92	82.01	4.88	70.7	79.9	86.49
2021-04-01	107.46	6.49	87.15	97.74	108.69	83.13	2.7	63.3	64.17	67.76	80.72	5.4	67.97	77.84	85.5
2021-05-01	103.18	6.28	88.16	98.38	109.25	72.77	1.66	63.29	63.39	66.23	80.52	5.33	66.81	76.24	84.14

2021-06-01	112.61	5.96	90.71	100.99	110.09	90.99	3.77	63.31	65.55	69.27	83.4	5.52	68.06	77.94	85.96
2021-07-01	104.37	5.62	90.91	101.39	109.83	84.67	2.1	65.48	65.58	67.48	78.81	4.72	67.16	74.27	81.85
2021-08-01	103.7	5.54	90.12	100.84	109.3	80.13	2.1	65.48	65.67	68.22	80.34	5.25	66.64	75.05	82.84
2021-09-01	103.63	5.46	90.41	100.66	109.04	77.37	2.92	65.5	65.65	71.63	82.29	5.37	68.96	78.37	86.44
2021-10-01	110.45	5.68	89.55	99.57	108.59	83.22	2.62	64.88	66.35	70.07	83.16	4.39	72.76	80.96	87.1
2021-11-01	104.34	5.86	89.12	100.31	108.44	71.13	3.07	64.85	66.62	74.02	83.56	4.94	71.61	80.83	87.52
2021-12-01	104.67	5.83	90.11	101.59	109.81	75.96	2.2	64.86	67.01	70.24	83.43	4.52	72.25	81.42	86.91
2022-01-01	104.56	6.27	88.76	101.3	109.64	76.41	2.51	64.83	65.32	71.18	82.76	5.1	69.48	79.13	86.1
2022-02-01	104.76	6.04	89.26	101.17	109.48	77.71	2.1	64.84	65.3	68.99	83.08	5.01	69.24	78.64	85.28
2022-03-01	108.76	6.23	87.86	99.22	108.5	68.71	2.26	64.85	65.69	71.21	80.8	4.69	69.43	78.71	84.57
2022-04-01	102.43	5.89	88.26	98.66	108.12	71.58	2.24	65.1	65.57	70.67	81.88	5.5	68.48	78.88	86.72
2022-05-01	102.48	5.79	88.35	99.15	108.17	78.06	2.43	65.09	65.38	70.22	81.59	5.01	69.51	78.68	86.02
2022-06-01	102.69	5.84	88.7	99.19	108.47	78.86	2.23	65.09	65.24	69.51	81.8	5.15	68.87	78.01	85.97
2022-07-01	111.2	6.18	90.87	101.62	112.1	87.76	3.53	62.72	62.83	66.51	81.74	4.94	68.51	76.43	83.75
2022-08-01	107.82	6.44	92.01	102.58	114.22	77.84	2.6	62.71	62.81	65.34	79.72	5.11	66.64	74.64	82.72
2022-09-01	112.51	7.51	91.75	102.35	118.05	72.22	1.98	62.71	62.8	66.02	80.42	5.24	67.33	76.39	84.74
2022-10-01	120.29	8.42	89.26	101.38	118.4	76.66	2.09	62.71	62.8	67.3	82.56	5.7	68.34	78.89	86.86
2022-11-01	104.93	6.03	90.16	101.13	110.57	80.52	2.68	62.73	63.62	68.19	84.39	4.95	72.95	81.35	89.06
2022-12-01	104.26	6.17	89.1	100.16	109.94	65.22	1.84	62.73	64.64	67.78	83.9	5.12	71.67	82.02	87.97
2023-01-01															
2023-02-01	105.4	6.08	90.17	100.49	110.32	78.21	3.5	62.76	64.31	68.3	83.93	5.15	71.8	81.36	88.1
2023-03-01	111.77	6.1	90.63	101.9	111.18	67.15	1.86	62.86	63.67	67.58	82.86	4.95	70.1	79.73	86.12
2023-04-01	105.14	6.06	90.27	101.74	110.75	74.08	2.05	62.87	63.55	67.71	82.33	4.99	70.83	79.94	87
2023-05-01	105.77	5.64	91.58	102.68	110.9	75.09	1.88	62.86	62.93	65.1	81.93	5.48	68.02	77.39	86.16
2023-06-01	110.03	5.49	92.23	102.73	110.8	80.73	2.2	62.86	63.05	66.36	90.23	5.18	68.41	76.78	85.65
2023-07-01	112.23	6.05	89.34	100.83	109.31	83.76	2.55	62.38	62.73	66.23	92.37	5.16	67.96	76.12	84.56
2023-08-01	103.78	5.48	90.42	101.36	109.04	76.78	2.35	62.37	62.53	66.37	80.72	5.32	67.93	76.41	84.92
2023-09-01	104.4	5.47	90.76	101.77	109.29	80.31	2.17	62.37	62.59	66.87	81.97	5.34	68.85	79.24	86.29
2023-10-01	106.17	6.12	88.68	100.32	109.31	82.94	2.84	62.38	62.85	68.48	83.21	4.95	71.58	80.99	87.85
2023-11-01	103.9	5.94	89.17	100.49	109.26	64.84	2.05	62.59	63.16	67.85	81.6	4.31	71.96	79.89	85.81

2023-12-01	104.65	6.26	87.97	99.66	109.41	66.88	2.27	62.59	63.32	68.19	82.07	4.55	71.45	79.42	86.17
2024-01-01	107.76	6.66	88.15	99.63	110.31	70.21	2.67	62.59	63.77	70.13	86.92	5.62	69.89	79.78	87
2024-02-01	111.6	6.13	90.28	100.11	110.78	79.62	2.92	62.61	63.79	69.73	82.5	4.97	70.52	79.78	86.43
2024-03-01	103.16	5.85	88.81	100.03	108.56	67.64	2.06	62.94	63.33	67.74	80.73	5.13	68.63	78.11	85.39
2024-04-01	103.43	5.82	88.55	100.33	108.1	67.42	1.78	62.94	63.57	66.94	80.59	4.82	68.81	77.78	84.3
2024-05-01	102.93	5.48	89.89	99.73	107.96	74.49	2.1	62.93	63.28	66.52	80.41	4.81	68.07	77.35	83.81
2024-06-01	103.47	5.41	90.36	100.62	108.58	81.14	2.64	62.92	63.1	67.3	80.88	5.13	67.97	76.73	84.59
2024-07-01	112.95	5.91	91.88	101.86	111.4	84.57	2.88	62.95	63.69	66.13	79.71	5.51	65.01	73.33	81.83
2024-08-01	107.76	6.16	92.89	102.93	113.96	81.56	2.42	63.6	63.74	66.41	78.25	4.95	65.7	73.88	81.01
2024-09-01	107	6.16	91.71	102.42	112.19	82.48	2.41	63.59	63.75	67.17	79.19	5.33	66.26	75.26	83.16
2024-10-01	112.77	5.84	91	102.53	110.39	69.15	2.38	62.39	63.65	68.46	81.65	4.88	70.39	78.92	86.24
2024-11-01	104.75	6.03	89.92	101.13	109.83	80.65	2.62	62.37	63.9	69.01	84.5	4.96	72.39	81.14	88.12
2024-12-01	104.72	6.22	89.63	101.15	110.45	71.86	2.55	62.36	63.1	69.18	82.77	5.09	70.97	80.44	87.72

Table 8c: Strait of Georgia south monthly sound pressure levels (SPL) in decibels (dB). Mean (Avg) and standard deviation (Std), Q₅, Q₅₀ and Q₉₅ levels for rain and commercial vessels are given.

Date	Avg 19500 - 20500 Hz	Std 19500- 20500 Hz	Q5 19500- 20500 Hz	Q50 19500- 20500 Hz	Q95 19500- 20500 Hz	Avg 57- 71 Hz	Std 57- 71 Hz	Q5 57- 71 Hz	Q50 57- 71 Hz	Q95 57- 71 Hz	Avg 113-141 Hz	Std 113- 141 Hz	Q5 113- 141 Hz	Q50 113-141 Hz	Q95 113-141 Hz
2020-01-01															
2020-02-01															
2020-03-01															
2020-04-01															
2020-05-01															
2020-06-01															
2020-07-01															
2020-08-01															
2020-09-01	75.51	4.97	65.67	66.3	79.86	95.01	5.64	81.29	91.45	100.44	94.81	5.12	83.26	91	100.21
2020-10-01	76.95	5.87	65.68	69.45	81.75	105.71	6.05	81.77	91.51	101.9	101	5.36	83.26	91.15	100.5

2020-11-01	77.12	6.38	63.54	71.86	82.29	96.44	6.31	80.63	91.83	101.9	97.77	5.38	83.99	92.75	101.27
2020-12-01	77.8	3.78	69.85	74.4	81.84	99.61	6.98	83.39	93.87	104.94	100.17	5.56	87.47	93.68	105.22
2021-01-01	76.95	6.41	63.54	72.25	82.44	96.04	6.89	79.12	91.9	101.68	96.31	5.83	82.32	92.04	101.18
2021-02-01	77.52	5.19	65.04	75.1	80.42	103.15	6.88	78.86	90.73	101.3	104.31	6.17	81.08	90.38	101.07
2021-03-01	74.31	5.24	64.92	69.49	79.39	95.56	6.7	78.83	90.39	101.03	95.45	5.94	80.89	90.12	100.2
2021-04-01	74.21	5.7	63.75	67.71	78.83	100.41	6.62	78.14	88.7	99.96	95.81	6.19	80.5	90.02	100.69
2021-05-01	72.68	4.75	63.72	64.86	76.33	95.8	6.49	79.95	90.13	101.53	96.89	6.29	81.33	91.82	101.97
2021-06-01	77.69	5.34	63.8	66.77	79.14	102.55	5.96	81.91	91.62	101.6	98.79	5.6	83.28	91.82	101.35
2021-07-01	71.81	3.62	65.38	66.47	75.37	95.11	5.69	81.37	91.82	100.76	93.96	4.92	82.73	90.92	98.95
2021-08-01	74.25	4.42	65.38	67.33	76.96	95.27	5.61	81.69	92.08	101.03	94.83	5.2	82.95	91.09	100.31
2021-09-01	77.5	6.1	65.43	67.36	82.72	96.22	5.69	82.26	92.62	101.82	96.21	5.1	84.08	92	100.93
2021-10-01	77.13	5.43	65.42	73.1	81.39	106.7	6.01	80.67	91.32	100.92	99.9	4.98	84.23	91.64	100.27
2021-11-01	81.23	6.85	65.29	74.33	87.41	96.56	6.32	80.2	91.67	100.94	97.24	5.5	83.44	92.16	100.75
2021-12-01	79.39	5.32	65.39	74.85	81.72	95.83	6.29	80.57	92.22	101.15	96.13	5.18	83.59	92.85	100.45
2022-01-01	79.41	6.33	65.22	69.58	83.63	95.66	6.69	78.39	91.17	100.56	96.01	5.51	82.68	91.69	100.68
2022-02-01	79.68	5.31	65.22	69.24	79.55	96.2	5.91	80.36	90.71	100.26	95.96	5.24	83.57	91.38	100.69
2022-03-01	75.68	5.96	63.11	69.52	81.95	96.98	6.54	79.02	90.72	101.01	100.36	5.54	81.93	90.99	100.29
2022-04-01	75.34	6.21	63.04	68.1	80.42	95.42	6.46	79.36	90.75	100.97	95.38	5.39	82.26	91.35	100.06
2022-05-01	74.77	5.83	63.03	66.37	79.53	95.29	6.43	79.11	90.88	101.19	95.27	5.23	82.59	91.39	99.58
2022-06-01	73.59	5.24	63.03	65.31	79	94.93	6.37	79.21	90.91	100.81	95.41	5.4	82.83	91.67	100.47
2022-07-01	75.18	4.41	64.3	66.17	75.75	103.19	5.99	81.01	92.34	101.22	99.33	5.42	82.97	91.61	100.15
2022-08-01	73.33	4.07	65.25	66.19	76.19	95.66	5.66	82.21	92.19	101.26	95.2	5	83.87	91.45	100.04
2022-09-01	73.81	4.54	65.27	66.28	77.96	96.04	5.61	82.47	92.61	101.69	95.84	5.14	84.14	92.13	101.22
2022-10-01	75.58	5.48	65.18	66.35	79.55	105.4	6.35	80.75	91.84	102.05	98.18	5.64	82.69	91.49	101.01
2022-11-01	76.97	5.83	64.86	71	81.39	96.92	6.41	80.9	92.59	102.51	96.91	5.6	83.69	92.61	102.32
2022-12-01	75.39	5.41	64.87	73.59	80.41	96.32	6.67	80.05	91.61	102.28	96.42	5.64	82.74	92.49	101.82
2023-01-01															
2023-02-01	76.25	5.65	64.88	72.9	80.52	96.97	6.06	82.11	92.05	102.46	97.2	5.4	84.68	92.52	102.72
2023-03-01	76.09	5.43	64.85	71.03	80.26	101.52	6.11	82.24	92.83	102.56	100.31	5.57	83.19	92.14	101.76
2023-04-01	76.51	5.92	64.85	71.5	81.07	96.84	6.48	80.86	92.69	102.74	96.65	5.66	83.18	92.32	102.09

2023-05-01	73.26	4.37	64.83	65.77	76.55	97.94	6.02	82.66	94.13	103.04	97.14	5.3	84.45	92.88	101.75
2023-06-01	86.04	5.4	64.82	67.23	79.55	98.88	5.68	83.35	93.98	102.77	98.93	5.21	84.86	92.75	102.01
2023-07-01	88.51	5.08	62.64	65.53	77.89	101.87	6.26	80.08	91.97	100.71	99.6	5.39	83.48	91.7	101.1
2023-08-01	72.6	5.23	62.65	64.4	76.49	95.46	5.69	81.78	92.55	100.65	97.05	5.19	85.61	92.8	102.78
2023-09-01	72.51	5.31	62.68	65.11	77.33	95.71	5.64	82.07	93.14	100.93	97.48	5.54	85.03	93.18	103.2
2023-10-01	74.79	6.03	62.71	67.42	81.26	95.96	6.32	79.41	91.49	100.44	98.41	5.73	82.67	92.48	101.34
2023-11-01	75.89	5.78	64.37	69.52	81.24	95.65	6.15	80.2	92.11	100.75	96.57	5.7	83.54	92.68	102.34
2023-12-01	76.94	5.89	64.38	70.19	82.08	96.14	6.57	78.66	91.05	100.8	97.27	5.9	82.48	92.44	101.77
2024-01-01	81.5	7.12	64.36	71.58	85.89	100.07	7.02	77.86	90.98	100.96	99.86	6.08	82.19	92.13	101.61
2024-02-01	77.78	6.42	64.43	71.51	83.94	103.91	5.65	82.44	91.6	100.74	101.83	5.19	85.33	92.44	102.55
2024-03-01	76	5.96	64.8	69.43	80.72	95.43	6.24	80.33	91.72	101.08	94.63	5.1	82.81	90.79	99.98
2024-04-01	75.92	5.5	64.79	70.46	79.56	95.75	6.5	78.38	91.38	100.4	94.32	5.34	81.14	89.96	98.92
2024-05-01	75.5	5.21	64.78	68.62	78.87	94.78	5.85	80.28	90.54	99.83	94.08	4.88	82.03	90.08	98.11
2024-06-01	76.32	5.38	64.77	67.22	80.25	95.72	6.15	80.39	91.65	101.36	94.15	4.86	82.93	90.71	99.03
2024-07-01	73.44	4.74	62.6	65.29	75.44	105.93	6.17	81.91	93.01	102.46	98.1	5.14	83.01	91.03	99.66
2024-08-01	72.49	4.71	62.61	64.56	75.21	97.65	5.83	83.57	94.21	103.15	95.64	5.07	84.3	92.07	101.28
2024-09-01	73.35	5.42	62.6	64.58	76.29	97.32	6.12	82.34	93.53	102.88	96.19	5.36	83.99	91.67	101.75
2024-10-01	74.3	5.9	62.65	66.45	79.61	103.65	6.42	81.6	93.86	103	98.46	5.63	83.21	92.04	101.94
2024-11-01	76.9	6.41	62.73	71.21	81.86	97.59	6.73	80.78	93.03	103.15	96.84	5.5	83.96	92.11	101.77
2024-12-01	75.22	6.46	62.68	68.68	80.95	96.97	6.69	80.55	92.81	102.71	96.06	5.61	82.93	92	101.36

Table 9a: Strait of Georgia north monthly sound pressure levels (SPL) in decibels (dB). Mean (Avg) and standard deviation (Std), Q₅, Q₅₀ and Q₉₅ levels for broadband and SRKW echolocation and communication ranges are given.

Date	Avg 10-100000Hz	Std 10-100000 Hz	Q5 10-100000 Hz	Q50 10-100000 Hz	Q95 10-100000 Hz	Avg 15000-100000 Hz	Std 15000-100000 Hz	Q5 15000-100000 Hz	Q50 15000-100000 Hz	Q95 15000-100000 Hz	Avg 500-15000 Hz	Std 500-15000 Hz	Q5 500-15000 Hz	Q50 500-15000 Hz	Q95 500-15000 Hz
2020-01-01															
2020-02-01															
2020-03-01															
2020-04-01															
2020-05-01															
2020-06-01															
2020-07-01															
2020-08-01															
2020-09-01	111.67	6.87	93.92	101.89	117.47	93.98	4.5	84.81	86.35	98.19	106.54	6.93	88.32	98.06	112.19
2020-10-01	111.7	6.38	95.17	103.02	116.57	92.62	4.07	84.85	87.68	96.8	105.62	5.97	90.48	100.26	110.91
2020-11-01	111.24	5.78	96.99	103.94	116.26	91.31	4.67	82.09	87.02	96.74	104.93	4.76	94.34	101.21	110.13
2020-12-01	112.04	6.22	96.39	103.94	117.49	92.06	5.06	82.05	86.83	97.41	106.16	5.34	93.73	101.24	112.05
2021-01-01	111.16	5.81	96.95	103.31	116.52	91.51	4.65	82.08	87.14	96.44	105.04	4.67	94.57	100.51	109.91
2021-02-01	114.47	6.07	97.18	104.48	117.5	92.17	4.22	82.83	87.75	95.93	106.47	4.93	94.47	101.35	110.58
2021-03-01	112.43	5.64	98.54	104.81	117.45	90.04	3.79	82.81	86.72	93.89	105.98	4.44	96.25	102.18	110.77
2021-04-01	114.81	6.2	95.95	103.75	117.1	91.42	4.27	82.02	84.9	93.79	107.64	5.5	93.39	101.4	111.91
2021-05-01	111.68	6.67	93.54	101.41	116.22	89.41	3.76	81.98	84.06	92.71	105.16	6.08	89.68	98.42	110.36
2021-06-01	115.12	6.81	94.54	101.98	117.59	92.96	4.47	82.43	85.01	96.19	107.67	6.21	90.42	98.3	111.41
2021-07-01	111.21	6.48	93.49	100.33	115.34	93.26	3.91	82.95	85.14	92.45	105.79	6.16	87.67	95.96	108.3
2021-08-01	110.09	6.51	92.88	99.99	114.91	91.57	3.98	82.93	84.91	93.37	103.48	6.14	86.35	95.21	106.48
2021-09-01	111.32	6.72	94.2	101.93	116.73	93.41	4.9	82.94	86.11	97.32	105.3	6.57	88.56	98.02	110.68
2021-10-01	120.58	5.8	97.91	104.21	116.98	95.29	4.32	83.3	88.25	97.08	108.66	4.59	95.79	101.84	111.25
2021-11-01	111.87	5.8	97.09	104.07	116.62	96.71	4.95	83.35	88.77	99.12	106.11	4.8	94.7	101.46	110.29
2021-12-01	110.85	5.23	97.37	103.9	114.98	92.88	3.63	83.38	88.2	94.67	104.41	4.28	94.82	101.4	109.27
2022-01-01	111.01	5.31	97.5	104.21	115.27	91.13	4.36	83.22	86.25	96.29	104.71	4.26	94.94	101.45	108.69

2022-02-01	111.55	5.47	98.06	104.57	116.36	90.23	3.82	83.24	86.14	94.55	105.57	4.46	95.43	101.8	110.37
2022-03-01	114.53	5.61	97.59	104.5	116.43	91.23	4.22	83.45	86.7	95.95	106.13	4.68	94.91	101.83	110.55
2022-04-01	110.39	5.36	97.37	103.68	115.03	90.45	3.6	83.76	87.01	94.54	104.43	4.37	95.01	101.13	109.38
2022-05-01	111.01	5.72	96.56	103.66	115.8	93.09	4.21	83.77	86.56	96.57	105.58	4.99	94	101.34	110.58
2022-06-01	110.42	6.15	94.84	102.38	115.6	91.76	3.95	83.81	86.18	95.65	105.34	5.73	91.53	99.71	110.81
2022-07-01	115.56	6.47	94.54	102.23	116.29	93.33	4.33	83.46	85.39	96.24	107.47	6.33	90.15	98.83	111.51
2022-08-01	112.43	6.49	94.01	101.08	115.86	92.17	3.82	83.46	85.36	93.38	105.33	6.2	88.27	96.78	109.13
2022-09-01	111.95	6.62	94.09	102	116.57	91.53	4.01	83.46	85.58	94.45	105.87	6.35	88.83	98.01	110.49
2022-10-01	112.84	7.16	93.79	103.06	117.95	93.52	4.68	83.44	85.46	96.49	108.17	6.91	88.99	99.58	112.54
2022-11-01	114.86	5.76	99.23	105.19	118.14	93.64	4.57	83.17	87.58	96.86	108.2	4.61	96.65	102.48	111.55
2022-12-01	111.49	5.27	98.48	105.07	115.96	92.23	4.47	83.12	88.09	97.22	105.03	4.39	94.98	101.69	109.14
2023-01-01	112.43	5.62	98.18	104.76	117.02	92.85	4.67	83.02	86.86	96.94	106.02	4.62	94.61	100.88	109.63
2023-02-01	112.55	5.82	97.81	104.73	117.1	93.42	4.26	83.04	87.91	95.54	106.39	4.92	94.34	100.89	110.21
2023-03-01	113.96	5.6	98.33	104.79	117.06	91.15	3.73	83.48	86.54	94.38	106.88	4.67	95.77	102.04	111.13
2023-04-01	112.25	5.6	98.32	104.92	116.93	91.61	3.98	83.5	87.41	95.2	106.96	4.54	96.43	102.82	111.15
2023-05-01	111.52	6.15	96	103.38	116.49	91.98	3.82	83.43	85.26	94.45	106.68	5.88	92.3	100.59	112.05
2023-06-01	110.71	6.02	95.1	102.05	115.45	91.1	3.68	83.45	86.13	92.89	105.18	5.67	90.68	98.32	109.06
2023-07-01	113.07	6.01	94.1	100.94	114.5	94.07	3.83	83.01	85.95	92.61	104.46	5.68	88.98	97.28	107.46
2023-08-01	110.3	6.19	93.96	101.4	114.77	92.02	4.1	83.03	85.65	94.05	104.73	6.04	88.76	97.46	108.32
2023-09-01	111.27	6.42	94.68	102.45	116.6	92.2	4.31	83.01	86.11	95.32	106.21	6.43	89.56	99.03	111.31
2023-10-01	113.35	6.17	96.71	104.22	117.37	92.65	4.7	82.94	86.87	97.16	107.47	5.5	94.45	102.02	112.74
2023-11-01	111.99	5.56	98.22	104.6	116.62	91.5	4.26	82.81	86.54	96.07	106.23	4.53	95.96	102.17	110.81
2023-12-01	112.41	5.7	97.67	104.43	116.78	92.31	4.74	82.8	86.9	97.32	105.57	4.65	95.16	101.79	110.53
2024-01-01	111.83	5.46	97.84	104.68	116.13	92.9	5.23	82.79	87.19	99.23	105.36	4.54	95.2	101.91	109.79
2024-02-01	115.11	5.78	98.05	104.91	117.55	92.83	4.52	82.83	86.91	96.64	106.68	4.7	95.17	102.01	111.03
2024-03-01	111.2	5.61	97.31	103.87	116.17	90.64	4.02	83.09	85.98	94.58	105.52	4.72	94.02	100.79	109.84
2024-04-01	111.06	5.37	97.83	104.62	115.75	90.28	3.72	83.08	86.62	94.09	105.96	4.55	95.6	102.33	110.64
2024-05-01	111.22	5.77	96.9	103.71	116.14	91.67	3.89	83.11	86.06	94.52	106.79	5.4	93.49	100.96	111.48
2024-06-01	111.57	6.54	94.51	102.64	116.75	92.22	4.18	83.06	85.53	95.65	106.96	6.49	89.82	99.3	111.51
2024-07-01	116.56	6.71	92.81	100.36	115.6	91.62	3.69	82.75	85.15	92.35	107.38	6.47	86.58	95.81	108.25

2024-08-01	110.88	6.69	93.22	100.53	115.86	91.65	3.97	82.79	84.74	94.17	106.02	6.45	87.32	95.15	108.84
2024-09-01	111.85	6.9	93.92	101.44	117.34	92.46	4.45	82.75	85.26	96.1	106.2	6.77	87.59	96.5	110.76
2024-10-01	114.53	6.4	96.09	104.29	117.79	93.85	5.25	82.86	86.72	98.91	107.53	5.77	93.19	101.71	112.41
2024-11-01	111.91	5.59	98.41	105.1	117.02	94.14	4.94	83.13	89.07	98.43	106.97	4.77	96.07	102.75	111.42
2024-12-01	111.93	5.79	97.39	104.27	117.18	93	4.93	83.12	87.68	98.17	106.47	4.87	95.29	101.57	111.07

Table 9b: Strait of Georgia north monthly sound pressure levels (SPL) in decibels (dB). Mean (Avg) and standard deviation (Std), Q₅, Q₅₀ and Q₉₅ levels for water turbulence, echosounders and wind are given.

Date	Avg 10-100 Hz	Std 10-100 Hz	Q5 10-100 Hz	Q50 10-100 Hz	Q95 10-100 Hz	Avg 49500-50500 Hz	Std 49500-50500 Hz	Q5 49500-50500 Hz	Q50 49500-50500 Hz	Q95 49500-50500 Hz	Avg 7500-8500 Hz	Std 7500-8500 Hz	Q5 7500-8500 Hz	Q50 7500-8500 Hz	Q95 7500-8500 Hz
2020-01-01															
2020-02-01															
2020-03-01															
2020-04-01															
2020-05-01															
2020-06-01															
2020-07-01															
2020-08-01															
2020-09-01	108.15	8.69	83.94	95.05	113.16	84.05	3.38	65.54	65.85	72.98	87.51	7.13	68.29	80.17	92.85
2020-10-01	108.16	9.04	82.72	94.2	113.02	79.34	2.68	65.48	66.2	71.64	86.69	6.11	71	81.63	91.84
2020-11-01	108.16	8.92	83.21	94.5	112.84	67.55	2.84	63.28	64.76	71.49	86.96	5.4	74.39	83.25	92.19
2020-12-01	108.51	9.17	82.23	95	112.95	69.39	2.97	63.26	64.62	71.58	87.93	6.06	73.25	82.56	93.82
2021-01-01	107.94	9	82.44	94.66	112.9	68.78	2.84	63.27	65.07	71.11	87.22	5.29	74.61	82.61	92.25
2021-02-01	112.08	9.11	83.49	95.58	114.3	72.12	2.64	64.11	66.36	70.75	87.46	5.27	74.87	82.68	91.81
2021-03-01	109.78	9.04	83.36	95.27	114.17	71.01	2.06	64.16	65.36	68.88	87.15	5.01	75.17	82.76	91.73
2021-04-01	112.28	9.06	82.46	93.95	112.88	83.14	3.2	63.28	64.31	68.69	87.12	6.25	71.38	81.23	92.11
2021-05-01	109.22	9.28	81.68	93.18	112.53	71.72	2.28	63.26	63.79	67.41	86.21	6.46	68.87	79.06	90.87
2021-06-01	113.26	9.16	83.14	95.47	113.86	84.38	3.52	62.17	63.05	68.56	87.39	6.47	70.67	79.91	92.65
2021-07-01	107.63	8.35	83.96	94.43	111.7	73.78	2.9	62.16	62.8	66.04	87.2	6.38	68.26	78.37	89.54

2021-08-01	107.34	8.39	83.26	94.5	111.72	79.06	2.84	62.16	62.77	66.58	85.27	6.46	67.05	77.41	88.34
2021-09-01	108.28	8.68	84.18	94.76	113.34	76.49	3.24	62.15	62.84	69.92	87.67	6.89	69.32	80.87	92.84
2021-10-01	119.85	8.98	83.82	94.87	113.57	86.5	3.27	62.18	64.85	70.38	88.05	4.94	75.84	83.32	92.53
2021-11-01	108.08	8.84	82.81	94.96	112.76	74.65	3.33	63.11	65.47	72.84	88.04	5.37	74.63	83.24	92.3
2021-12-01	108.17	8.37	82.91	95.25	111.05	70.71	2.16	63.12	65.35	68.87	86.06	4.94	74.42	82.63	90.81
2022-01-01	107.84	8.39	83.24	95.28	111.91	69.89	2.69	63.08	63.89	70.51	85.96	5.14	73.48	81.85	90.19
2022-02-01	107.99	8.63	83.31	95.05	112.29	70.71	2.18	63.07	63.69	68.31	86.51	4.98	74.71	82.09	91.49
2022-03-01	112.48	8.95	82.3	94.86	112.53	67.42	2.63	63.09	64.71	70.72	86.58	5.15	74.51	82.3	91.71
2022-04-01	107.24	8.83	81.67	93.5	111.24	69.39	2.09	64.06	65.07	69.38	85.95	4.89	74.49	82.17	90.89
2022-05-01	107.43	8.78	81.74	94.06	111.3	73.83	2.66	64.06	64.91	70.56	87.23	5.59	74.11	82.22	92.38
2022-06-01	106.58	8.76	81.37	93.94	110.85	76.81	2.65	64.07	64.81	70.02	87.03	5.91	72.32	81	92.29
2022-07-01	113.12	8.44	83.44	95.06	111.95	86.01	3.71	62.21	62.68	69.38	86.46	6.69	68.82	79.22	91.44
2022-08-01	110.35	8.47	83.77	95.39	112.43	79.04	3.03	62.22	62.78	66.53	85.43	6.42	67.51	77.62	88.86
2022-09-01	109.21	8.7	84.17	96	113.25	76.61	2.76	62.22	62.78	66.79	85.6	6.45	68.34	79.14	90.24
2022-10-01	109.41	9.53	82.71	95.86	114.66	84.61	3.21	62.2	62.53	68.38	86.58	6.9	68.38	79.96	91.82
2022-11-01	112.36	9.13	84.41	97	114.82	83.46	3.3	62.15	63.65	69.53	88.04	4.98	76.35	83.32	92.35
2022-12-01	108.53	8.27	85.32	97.97	112.81	66.85	2.92	62.15	64.28	70.36	86.77	4.99	75.17	82.77	91.52
2023-01-01	108.98	9.01	83.69	97.9	113.73	72.1	2.94	62.13	63.26	69.98	87.2	5.34	74.36	81.94	92
2023-02-01	109.11	8.82	83.9	97.72	113.66	75.79	2.76	62.12	64.08	68.27	87.9	5.37	74.42	82.71	92.14
2023-03-01	111.55	8.74	84.11	96.42	113.53	70.43	2.3	62.2	63.04	67.13	86.1	4.95	74.63	81.79	91.14
2023-04-01	108.52	9.06	82.72	95.3	113.29	75.63	2.32	62.19	63.08	66.98	86.26	5.05	74.09	82	90.82
2023-05-01	107.6	8.43	83.54	95.55	112.13	73.11	2.24	62.17	62.43	65.85	85.74	6.23	69.99	79.22	91.35
2023-06-01	107.28	8.24	83.96	95.43	111.96	71.44	2.44	62.18	63.01	66.06	85.05	5.78	69.85	78.89	88.18
2023-07-01	111.53	8.43	82.75	94.38	110.96	88.78	3.06	62.96	63.93	67.13	84.27	5.96	68.34	78.51	87.44
2023-08-01	106.93	8.33	83.35	94.93	111.26	82.9	2.98	62.99	63.87	68.17	84.84	6.48	67.39	78.24	88.43
2023-09-01	107.77	8.36	83.87	95.69	112.29	73.83	2.74	62.97	63.89	68.96	86.4	6.6	68.29	79.95	91.15
2023-10-01	110.19	9.06	82.52	95.25	113.02	81.79	3.2	61.65	63.66	70.51	86.47	5.65	73.01	81.66	91.92
2023-11-01	108.8	8.63	83.75	95.61	113.08	69.14	2.7	61.62	62.84	68.73	86.04	5.08	74.16	81.51	91.03
2023-12-01	109.84	8.92	82.7	95.82	113.26	67.49	3.03	61.62	62.85	69.98	85.61	5.38	73.15	81.06	90.96
2024-01-01	109.24	8.85	83.14	95.66	112.92	71.43	3.4	61.62	63.41	71.52	85.04	5.39	72.22	80.99	90

2024-02-01	113.41	8.76	84.82	96.43	114.16	84.92	3	61.62	63.07	68.82	86.09	5.32	73.5	81.55	91.37
2024-03-01	107.96	8.47	84.29	96.33	113.04	66.57	2.44	61.45	62.22	66.86	85.45	5.27	72.97	81.26	90.57
2024-04-01	107.73	8.45	83.88	95.77	112.26	67.12	2.21	61.44	62.7	66.8	85.47	4.84	74.02	81.65	90.25
2024-05-01	107.33	8.04	84.71	96.13	111.79	67.53	2.44	61.45	62.34	66.7	86.12	5.69	71.78	80.93	91.24
2024-06-01	107.69	8.47	84.19	95.7	112.95	71.01	2.89	61.45	62.19	67.89	86.47	6.57	68.56	79.66	91.03
2024-07-01	115.41	8.45	83.95	95.02	112.29	76.98	3.37	61.52	65.58	69.39	84.89	6.56	65.9	77.34	88.19
2024-08-01	106.99	8.19	84.5	95.71	112.2	79.68	3.08	65.15	65.96	71.79	84.4	6.2	67.33	76.67	88.37
2024-09-01	108.57	8.63	84.15	95.97	113.67	79.87	3.73	65.12	66.17	73.78	85.93	6.66	67.59	78.54	90.76
2024-10-01	112.08	9.14	82.65	96.1	113.76	75.02	3.44	62.99	65.26	72.82	87.28	6.09	72.48	82.13	92.59
2024-11-01	108.05	8.82	83.19	95.9	113.31	69.41	3.08	62.96	65.03	71.28	87.43	5.42	74.71	83.02	92.16
2024-12-01	108.88	9.14	81.87	95.65	113.29	67.46	2.91	62.96	64.38	71.43	86.59	5.43	73.99	81.58	91.71

Table 9c: Strait of Georgia north monthly sound pressure levels (SPL) in decibels (dB). Mean (Avg) and standard deviation (Std), Q₅, Q₅₀ and Q₉₅ levels for rain and commercial vessels are given.

Date	Avg 19500 - 20500 Hz	Std 19500- 20500 Hz	Q5 19500- 20500 Hz	Q50 19500- 20500 Hz	Q95 19500- 20500 Hz	Avg 57-71 Hz	Std 57-71 Hz	Q5 57-71 Hz	Q50 57-71 Hz	Q95 57-71 Hz	Avg 113-141 Hz	Std 113- 141 Hz	Q5 113- 141 Hz	Q50 113-141 Hz	Q95 113-141 Hz
2020-01-01															
2020-02-01															
2020-03-01															
2020-04-01															
2020-05-01															
2020-06-01															
2020-07-01															
2020-08-01															
2020-09-01	80.9	6.44	66.05	70.85	86.05	101.05	8.98	75.92	86.87	105.86	97.9	7.47	77.97	85.87	102.69
2020-10-01	79.94	6.09	66.03	73.53	84.98	100.51	9.09	74.91	86.04	105.31	98.91	7.7	77.27	85.72	102.84
2020-11-01	78.75	6.41	63.77	73.4	84.6	101.5	9.2	74.37	86.04	105.49	99.01	7.37	78.83	87.06	103.26
2020-12-01	79.55	6.92	63.62	73.16	85.31	101.89	9.86	72.53	86.87	105.91	99.6	8.12	76.49	87.26	103.93

2021-01-01	79	6.41	63.74	73.56	84.3	100.4	9.65	72.61	86.32	105.37	99.92	7.83	77.31	87	103.39
2021-02-01	79.28	5.9	63.94	73.93	83.71	104.27	9.36	74.69	87.89	106.55	103.09	7.69	78.45	87.81	104.18
2021-03-01	76.9	5.72	63.7	72.57	81.34	102.91	9.3	74.88	87.31	106.58	99.55	6.99	79.99	88.4	103.43
2021-04-01	77.02	6.18	63.5	70.05	81.25	104.54	9.27	74.24	85.67	105.46	102.68	7.46	77.96	86.55	103.02
2021-05-01	76.39	5.53	63.48	68.85	80	103.17	9.6	72.94	84.56	105.2	98.08	7.49	76.8	85.46	101.73
2021-06-01	78.65	5.97	64.58	70.12	83.59	106.04	9.39	74.11	85.85	105.85	100.35	7.76	77.3	85.69	103.12
2021-07-01	80.09	5.36	64.73	70.25	79.48	100.27	8.36	75.21	85.3	103.47	98.17	7.1	77.18	84.86	100.56
2021-08-01	78.19	5.59	64.66	69.83	80.53	99.27	8.51	74.17	85.11	103.45	97.4	7.18	76.97	84.84	100.69
2021-09-01	80.54	6.67	64.7	71.93	85.04	101.02	8.86	75.25	85.83	105.14	98.31	7.43	77.25	85.57	101.99
2021-10-01	80.45	5.75	65.33	74.86	84.95	110.86	9.19	75.15	86.17	105.85	102.68	7.45	78.24	86.23	102.56
2021-11-01	82.33	6.61	65.14	75.52	87.26	101.8	9.23	74.04	86.31	105.49	99.33	7.42	77.86	86.85	102.84
2021-12-01	78.27	5.21	65.27	74.7	82.55	100.34	8.69	73.93	86.29	103.5	98.24	7.07	77.72	86.94	101.32
2022-01-01	78.5	6.45	64.68	71.79	84.33	101.05	8.95	73.93	86.48	104.37	99.88	7.24	78.38	87.8	102.12
2022-02-01	77.29	5.77	64.76	71.71	82.38	101.09	9	74.43	86.97	104.69	100.08	7.01	79.79	88.72	103.17
2022-03-01	78.76	6.19	64.97	72.53	84.15	106.88	9.36	73.58	86.78	105	100.5	7.05	78.95	87.67	102.58
2022-04-01	77.75	5.53	65.06	73.05	82.62	100.24	9.12	72.95	85.21	103.54	97.7	7.1	77.73	86.36	101.41
2022-05-01	79.25	6.06	65.05	72.17	84.59	100.01	9.07	73.12	85.28	103.75	98.6	7.2	77.59	85.87	101.58
2022-06-01	78.93	5.75	65.27	71.55	83.75	98.97	8.99	72.47	84.93	102.84	97.77	7.46	76.49	85.53	101.16
2022-07-01	79.24	5.87	66.13	70.9	84.29	102.3	8.65	74.46	85.77	103.92	102.77	7.15	77.6	85.77	101.27
2022-08-01	79.58	5.34	66.14	71.01	81.31	103.78	8.62	74.76	86.05	104.18	98.54	7.09	77.81	85.55	101.12
2022-09-01	78.85	5.59	66.16	71.31	82.5	100.52	8.66	75.13	86.52	104.56	98.29	7.22	78.04	85.93	101.99
2022-10-01	80.34	6.47	66.12	71.07	84.79	102.14	9.72	73.24	86.19	105.88	99.21	7.91	76.43	85.41	102.95
2022-11-01	80.72	6.29	65.18	74.43	85.38	103.75	9.3	75.06	87.13	106.43	101.4	7.56	78.97	87.44	104.15
2022-12-01	80.29	6.21	65.08	75.1	85.79	100.53	8.75	74.71	87.18	104.62	99.6	7.26	77.96	87.68	102.45
2023-01-01	80.66	6.71	64.71	73.41	85.56	101.16	9.15	74.49	87.4	105.98	99.87	7.12	79.84	88.68	103.8
2023-02-01	81.04	6.06	64.82	74.87	84.09	101.83	9.08	74.55	87.46	105.58	100.2	7.35	79.02	88.43	103.79
2023-03-01	78.6	5.29	66.21	72.79	82.69	102.31	9.08	74.91	87.32	105.32	101.45	7.23	79	87.58	103.54
2023-04-01	79.31	5.59	66.31	74.29	83.43	100.33	9.5	72.7	86.12	104.85	99.07	7.6	77.03	86.12	102.79
2023-05-01	78.11	5.34	66.15	70.7	82.44	100.33	8.71	74.55	86.7	103.95	98.07	7.14	77.9	86.24	101.73
2023-06-01	78.71	5.18	66.21	72.31	80.99	99.89	8.38	74.98	86.28	103.65	97.51	6.99	77.78	85.74	100.67

2023-07-01	78.04	5.33	65.04	71.66	80.3	100.12	8.45	73.86	84.86	102.18	99.2	6.9	76.66	84.87	99.37
2023-08-01	78.65	5.79	65.03	71.14	81.73	99.39	8.59	74.22	85.46	103.11	97.69	7	77.67	85.7	100.4
2023-09-01	79.48	5.94	64.97	71.82	83.01	99.81	8.6	74.74	86.68	104.19	98.52	7.34	77.66	86.44	102.09
2023-10-01	79.42	6.59	63.71	72.77	84.82	102.7	9.47	73.13	86.12	105.16	100.81	7.85	76.5	85.71	102.75
2023-11-01	78.26	6.3	63.1	72.04	83.6	101.3	9.17	73.57	86.89	104.91	99.59	7.48	77.4	86.92	102.48
2023-12-01	78.96	6.83	63.09	72.58	84.99	101.83	9.55	72.32	86.27	104.91	100.1	7.84	76.47	87.07	102.98
2024-01-01	80.16	7.44	63.02	72.97	87.08	101.65	9.34	73.03	86.94	104.93	98.66	7.17	78.17	87.44	102.07
2024-02-01	78.81	6.51	63.16	72.56	84.22	103.73	9.05	75.7	88.09	106.24	100.78	7.11	79.95	88.29	103.45
2024-03-01	77.4	6.19	63.55	71.35	82.09	100.75	8.8	75.16	87	105.04	98.9	6.83	79.38	87.18	101.96
2024-04-01	77.24	5.79	63.58	72.26	81.64	99.82	9.12	73.16	86.22	104.24	97.95	7.03	77.79	86.23	101.16
2024-05-01	78.04	5.73	63.71	71.42	81.85	99.45	8.38	75.04	86.45	103.42	97.1	6.96	77.72	85.95	100.96
2024-06-01	78.86	6.13	63.49	70.39	83.17	100.38	8.83	74.48	86.52	104.73	98.36	7.37	77.57	85.63	102.05
2024-07-01	77.07	5.69	62.42	69.54	79.37	103.54	8.7	74.98	86.3	104.44	99.58	7.32	77.1	85.26	101.24
2024-08-01	77.77	5.87	62.58	68.72	81.41	99.54	8.54	75.13	86.61	104.09	98.29	7.45	77.09	85.73	101.7
2024-09-01	78.84	6.54	62.41	69.67	83.49	101.46	9	74.96	87.39	105.89	98.57	7.5	77.39	86.56	102.54
2024-10-01	80.91	7.33	62.83	72.47	86.68	104.47	9.65	73.36	87.62	106.24	101.78	7.86	77.5	86.82	103.71
2024-11-01	81.61	6.56	65.17	75.9	86.55	101.69	9.45	73.81	87.12	105.77	99.63	7.5	78.67	87.68	103.69
2024-12-01	80.69	6.63	65.15	74.12	86.17	101.68	9.72	71.83	86.9	105.44	98.69	7.72	76.59	87.09	103.24

Table 10a: Swiftsure Bank weekly sound pressure levels (SPL) in decibels (dB). Mean (Avg) and standard deviation (Std), Q₅, Q₅₀ and Q₉₅ levels are given.

Date	Avg 10- 10000 0 Hz	Std 10- 100000 Hz	Q5 10- 100000 Hz	Q50 10- 100000 Hz	Q95 10- 100000 Hz	Avg 15000- 100000 Hz	Std 15000- 100000 Hz	Q5 15000- 100000 Hz	Q50 15000- 100000 Hz	Q95 15000- 100000 Hz	Avg 500- 15000 Hz	Std 500- 15000 Hz	Q5 500- 15000 Hz	Q50 500- 15000 Hz	Q95 500- 15000 Hz
2019-01-01	124.59	6.81	105.78	113.17	127.39	98.33	4.71	85.07	92.59	100.77	112.48	5.12	98.41	105.72	113.97
2019-01-08	124.63	6.23	108.29	114.48	127.85	99.84	3.5	89.32	92.83	97.59	113.09	4.81	101.92	107.89	115.57
2019-01-15	124.05	6.15	108.21	114.59	128.08	96.44	3.7	85.41	93.14	97.19	110.88	4.35	99.9	106.94	114.29
2019-01-22	125.19	7.25	104.03	113.76	127.23	98.3	5.39	83.67	90.23	99.39	111.41	6.2	94.37	104.59	114.7
2019-01-29	123.22	6.93	104.48	111.64	126.39	96.68	4.1	85.03	92	98.15	110.2	5.41	95.74	104.23	113.44
2019-02-05	123.72	6.54	104.51	111.08	124.94	97.02	3.85	84.51	91.6	95.76	110.05	4.91	97.56	104.02	112.47
2019-02-12	122.77	6.67	102.69	112.26	125.23	96.53	4.14	84.35	92.29	96.51	110.39	5.23	96.28	106.16	112.25
2019-02-19	126.17	8.12	102.02	110.94	128.19	98.46	5.19	83.92	88.99	99.39	112.57	6.76	92.38	102.02	114.6
2019-02-26	125.6	7.76	101.34	109.54	126.47	101.26	4.21	84.41	91.3	95.28	113.09	6.05	94.89	104.5	115.05
2019-03-05	124.25	7.88	101.83	109.78	127.31	96.4	4.7	83.29	86.4	96.34	110.88	6.69	92.89	101.11	113.96
2019-03-12	125.77	7.07	104.13	111.65	126.22	98.11	4.61	83.85	90.97	96.65	111.67	6.13	94.28	103.63	113.94
2019-03-19	124.21	7.7	101.08	112.27	126.53	96.2	4.72	83.39	89.06	94.42	111.54	7.38	89.61	103.66	114.64
2019-03-26	123.69	8.09	100.53	109.71	126.67	96.38	4.88	83.18	85.48	95.11	110.6	7.16	91.77	101.22	114.9
2019-04-02	124.62	7.94	100.56	110.37	126.13	99.12	5.22	83.43	90.65	99.69	112	6.88	92.5	103.23	115.4
2019-04-09	123.8	7.85	101	110.3	126.4	96.31	4.44	84.16	90.79	97.95	111.06	6.26	94.23	103.17	114.73
2019-04-16	124.04	8.16	100.76	111.05	126.68	98.69	5.65	83.51	88.21	100.8	111.58	6.83	91.13	100.9	114.21
2019-04-23	124.01	8.29	98.64	109.75	126.41	96.72	4.86	83.36	90.22	95.17	111.62	7.41	90.07	103.42	114.75
2019-04-30	122.24	8.16	99.3	108.53	125.22	96.87	4.08	83.2	85.2	92.73	111.31	7.73	88	98.8	114.73
2019-05-07	124.73	8.28	101.9	111.06	129.24	98.01	4.39	83.19	84.81	92.06	111.66	7.7	88.5	97.86	114.88
2019-05-14	124.84	8.32	102.15	113.11	128.53	99.75	5.36	83.19	87.26	98.47	112.53	7.85	88.2	100.35	115.38
2019-05-21	123.58	8.88	98.67	110.79	126.7	99.5	4.39	83.25	85.79	92.43	110.05	7.4	88	97.78	112.6
2019-05-28	125.34	8.72	100.16	109.6	128.63	102	5.41	83.29	86.37	97.67	113.47	8.16	89.12	99.09	116.65
2019-06-04	122.62	8.04	100.11	108.12	125.71	100.05	5.49	82.97	86.67	99.97	110.89	7.22	90.03	98.85	113.43
2019-06-11	124.08	8.31	99.92	108.59	126.7	98.93	4.97	83.45	87.11	98.1	111.89	7.39	89.79	99.62	114.53
2019-06-18	123.55	7.92	100.24	108.91	125.7	104.04	4.81	84.32	87.97	97.1	109.71	6.93	90.31	99.78	112.84
2019-06-25	122.41	7.74	100.24	110.36	125.46	97.94	5.32	83.59	86.01	99.97	112.28	7.68	88.22	99.82	113.57

2019-07-02	122.39	7.38	100.84	110.29	124.91	100.34	4.9	83.56	85.85	97.38	110.97	7.62	88.83	99.17	113.16
2019-07-09	122.8	7.78	98.68	109.75	124.98	99.41	5.72	83.32	86.9	102.1	110.32	8.05	87.64	99.74	113.91
2019-07-16	123.32	7.75	100.92	111.03	126.24	100.36	5.2	84.62	87.18	100.15	112	7.78	90.15	100.12	115.05
2019-07-23	122.75	7.68	100.62	110.7	125.27	98.9	4.69	84.17	86.2	97.9	110.55	7.79	89.33	99.74	114.48
2019-07-30	122.37	7.83	100.5	111.17	125.64	97.92	5.31	83.71	86.54	99.72	108.65	7.21	88.91	98.18	111.92
2019-08-06	123.18	7.95	99.41	110.23	125.21	102.73	5.24	83.56	85.2	98.88	112.38	8.98	85.76	97.55	114.59
2019-08-13	126.94	9.07	97.49	108.79	126.49	105.04	5.51	83.57	85.09	98.53	116.38	9.13	85.68	95.71	115.41
2019-08-20	123.4	8.75	97.7	105.8	125.71	98	4.68	83.63	85	95.87	109.6	7.84	86.58	96.41	112.67
2019-08-27	123.37	8.55	97.99	107.95	126.04	103.3	4.99	83.28	84.38	96.45	109.5	8.27	85.4	95.75	111.9
2019-09-03	122.3	8.56	98.55	106.39	125.93	95.45	4.16	83.25	84.03	92.63	110.75	8.37	86.34	95.19	113.38
2019-09-10	123.49	8.53	98.64	107.16	126.44	98.44	5.73	83.34	85.31	100.17	110.38	7.73	88.26	98.11	113.66
2019-09-17	124.51	8.34	99.71	107.37	126.33	101.88	5.29	83.69	87.47	98.58	110.15	7.75	86.93	98.9	112.93
2019-09-24	125.6	8.1	100.8	109.87	127.31	102.41	5.08	83.76	87.61	98.09	110.54	7.24	89.8	99.66	112.43
2019-10-01	123.58	7.83	100.26	107.72	125.83	97.64	5.23	83.32	88.21	99.75	109.93	7.15	88.46	99.65	111.51
2019-10-08	123.53	7.53	101.93	109.05	126.44	100.7	4.25	83.56	89.79	93.46	109.98	6.43	90.85	101.65	112.55
2019-10-15	124.13	6.97	103.95	110.68	126.82	96.96	4.04	87.11	91.94	100.31	109.77	5.13	96.44	103.56	112.53
2019-10-22	124.34	7.29	103.69	110.86	127.22	98	5.23	83.62	88.88	99.53	110.16	6.94	90.8	100.84	113.11
2019-10-29	124.04	8.22	100.16	108.76	126.5	99.32	4.98	83	86.05	95.54	112.06	7.71	89.24	99.43	115.57
2019-11-05	123.68	7.53	102.86	109.81	126.68	97.85	4.74	83.04	89.85	95.78	111.05	6.41	92.27	102.8	114.42
2019-11-12	122.81	7.23	102.62	110.87	126.47	97.21	5.02	83.61	91.89	99.32	111.12	6.2	93.92	104.6	113.58
2019-11-19	125.64	7.1	105.33	112.24	128	99.37	5.06	83.28	90.08	97.96	112.19	6.47	93.36	103.32	115.01
2019-11-26	126.25	7.22	105.56	111.11	128.07	99.87	3.59	87.82	93.07	96.42	115.51	5.31	99.14	105.17	116.31
2019-12-03	122.64	7.09	103.01	110.39	125.52	96.49	4.76	83.65	91.55	97.22	110.6	6.85	90.6	104.38	114.45
2019-12-10	124.11	7.02	103.45	111.74	126.4	98.09	5.07	83.83	92.32	99.27	110.91	6.38	92.65	104.56	112.95
2019-12-17	124.81	6.78	105.36	112.24	127.21	98.36	4.92	83.86	92.78	99.77	111.24	6.14	93.69	105.07	114.55
2019-12-24	123.38	6.49	104.8	111.06	125.94	95.93	4.12	84.98	92.46	97.94	110.91	5.32	96.27	105.27	114.36
2020-01-01	124.02	5.82	107.5	112.86	125.88	99.22	3.85	88.75	93.37	101.02	112.32	4.29	101.88	107.58	114.6
2020-01-08	125.8	6.97	105.82	113.1	128.43	101.31	4.7	84.11	92.96	99.26	113.83	5.74	97.17	106.93	116.24
2020-01-15	123.32	6.19	107.59	113.3	127.07	102.66	3.62	87.6	93.15	97.95	112.73	4.43	101.82	107.74	116.22
2020-01-22	125.11	6.29	106.99	112.78	126.7	99.15	3.58	88.32	92.94	98.79	112.98	4.43	101.34	107.17	114.76

2020-01-29	124.48	6.6	105.05	112.93	126.83	99.68	5.3	83.97	92.41	100.65	112.69	6	96.68	106.41	115.43
2020-02-05	123.13	6.31	106.01	112.57	125.78	96.51	4.94	83.78	90.36	99.07	111.47	5.5	97.38	105.57	114.71
2020-02-12	124.91	7.3	103.04	109.67	125.92	98.38	5.1	83.46	90.92	97.82	110.9	5.96	93.55	103.26	113.58
2020-02-19	124.19	7.12	104.73	111.72	127.61	98.02	4.22	84.16	92.41	96.67	111.18	5.34	97.86	105.32	114.64
2020-02-26	123.78	7.64	102.2	109.57	127.37	97.49	4.87	83.61	91.16	98.47	111.23	6.37	93.17	102.79	114.52
2020-03-04	124.75	7.8	100.12	109.83	126.14	99.21	5.75	83.32	88.3	101.08	111.4	6.92	90.9	101.95	113.7
2020-03-11	123.04	7.11	102.5	109.55	125.54	97.97	4.3	83.77	92.17	95.64	110.62	5.66	94.29	104.25	113.5
2020-03-18	120.55	8.24	97.22	107.33	123.73	95.02	4.41	83.25	83.87	91.97	108.44	8.24	85.17	98.23	112.08
2020-03-25															
2020-04-01															
2020-04-08															
2020-04-15															
2020-04-22															
2020-04-29															
2020-05-06															
2020-05-13															
2020-05-20															
2020-05-27															
2020-06-03															
2020-06-10															
2020-06-17	146.36	18.23	101.89	143.4	152.6	97.01	3.53	85.15	87.84	90.99	113.94	7.8	90.72	105.14	115.43
2020-06-24	123.01	7.85	99.28	106.64	124.59	101.22	4.73	86.05	88.95	98.87	108.93	7.29	85.51	97.3	109.85
2020-07-01	122.9	7.81	100.18	110.37	125.84	99.53	5.05	85.61	86.92	99.88	109.4	7.93	86.29	96.47	111.65
2020-07-08	121.72	8.11	97.48	107.72	124.33	104.27	5.73	85.49	86.64	102.04	108.73	8.47	85.24	95.99	112.15
2020-07-15	125.22	8.61	100.56	111.33	127.41	99.74	4.39	85.6	88.53	97.38	109.93	7.19	89.35	98.4	112.98
2020-07-22	124.97	8.35	99.58	110.01	126.37	101.74	4.59	85.45	87.76	97.71	111.03	7.64	87.83	97.23	113.16
2020-07-29	123.19	8.78	99.18	110.87	127.76	100.88	5.88	85.36	86.33	102.58	109.41	9.07	84.31	96.55	113.58
2020-08-05	120.42	7.7	99.75	108.35	124.91	98.02	4.82	85.7	88.58	100.34	108.77	7.31	89.05	98.03	113.32
2020-08-12	122.65	7.66	98.82	108.6	123.45	98.42	4.1	85.21	86.17	95.58	109.32	8.47	84.76	96.63	112.57
2020-08-19	120.54	7.61	99.66	108.1	123.82	98.59	5.56	85.54	87.2	101.91	107.38	7.78	85.55	96.44	110.3

2020-08-26	121.01	7.64	99.78	108.25	124.27	96.39	4.2	85.4	86.97	94.79	108.65	7.86	84.28	97.1	112.04
2020-09-02	121.93	8.61	97.09	105.85	124.42	96.49	3.52	85.27	86.22	92.04	111.64	7.95	84.3	94.23	110.78
2020-09-09	125.3	8.55	96.56	105.74	124.33	104.59	5	83.44	86.24	95.79	111.44	8.62	83.61	96.43	111.58
2020-09-16	122.43	8.6	96.21	105.61	124.6	97.47	4.89	83.46	84.49	96.93	108.97	8.36	82.95	93.15	110.17
2020-09-23	122.59	7.33	101.28	108.38	124.92	97.11	4.69	84.41	90.12	99.37	108	6.81	88.35	99.38	110.67
2020-09-30	122.48	8.33	97.47	107.07	125.18	97.17	4.39	83.63	84.31	93.14	109.5	9.09	81.99	90.52	109.98
2020-10-07	123.3	7.85	100.13	108.79	125.31	98.59	5.64	83.76	89.38	99.93	108.66	7.97	86.29	100.34	112.28
2020-10-14	123.79	7.27	102.58	109.96	125.98	97.65	4.81	84.46	89.78	98.77	109.85	6.8	89.9	100.02	111.78
2020-10-21	125.88	7.45	102.59	110.7	126.9	98.17	4.13	85.29	91.39	96.08	112.38	5.99	94.65	102.97	114.84
2020-10-28	122.43	6.67	103.68	111.49	125.38	98.12	4.5	85.85	91.65	102.05	109.83	6.1	93.28	102.34	112.59
2020-11-04	124.77	7.17	105.29	113.17	128.48	100.9	4.51	86.22	91.39	98.68	111.36	6.61	92.75	101.94	114.63
2020-11-11	125.95	6.77	108.99	116.49	130.45	98.88	4.25	88	93.95	102.48	111.3	5.14	98.6	106.03	114.46
2020-11-18	125.32	7.51	105.82	114.44	129.75	99.02	4.6	86.07	93.21	101.33	110.31	5.42	96.21	103.82	113.85
2020-11-25	124.39	6.53	108.02	114.42	128.86	97.79	4.13	87.05	94.01	100.39	111.12	5.22	97.28	106.38	113.72
2020-12-02	125.4	6.28	109.09	115.42	129.42	99.16	3.83	88.54	94.06	100.68	112.16	4.69	100.67	107.26	115.95
2020-12-09	125.62	6.05	109.92	116.46	128.88	99.76	5.05	85.68	93.29	101.84	112.19	5.63	97.49	106.45	116.67
2020-12-16	126.96	7.29	106.72	114.31	130.8	99.66	4.52	87.25	94.36	102.56	111.68	5.12	99.06	106.51	115.33
2020-12-23	123.1	6.04	106.81	112.39	125.6	99.05	3.52	87.39	94.4	98.61	110.75	4.55	99.3	106.22	113.69
2021-01-01	126.66	6.98	109.06	116.3	132.16	99.66	3.64	88.36	94.28	99.06	111.8	5.12	98.55	106.37	115.14
2021-01-08	125.27	6.49	108.36	114.68	129.52	101.44	4.29	88.35	94.49	102.15	112.63	5.19	98.68	107.24	116.06
2021-01-15	124.38	7	104.56	112.55	126.98	104.05	4.9	86	92.39	99.3	113.73	6.32	95.1	104.23	115.99
2021-01-22	123.37	7.07	103.8	111.98	126.38	99.41	4.7	85.78	92.08	99.06	112.48	6.41	93.92	103.85	115.06
2021-01-29	123.36	7.18	103.09	111.26	126.43	98.75	4.38	86.45	93.35	100.07	110.69	5.55	95.66	104.03	113.98
2021-02-05	126.06	7.2	105.36	112.49	128.1	102.51	4.61	85.77	93.49	99.12	114.22	5.93	96.62	105.66	117.02
2021-02-12	122.59	6.14	106.78	113	126.25	97.5	2.85	89.36	94.42	96.59	110.87	4.15	100.48	107.25	113.53
2021-02-19	125.87	6.83	105.63	112.3	127.41	102.78	4.4	88.24	94.07	101.31	113.73	5.7	97.26	105.24	115.98
2021-02-26	126.35	7.99	103.84	111.79	129.56	100.13	4.59	85.85	91.34	98.29	113.23	6.3	96.17	103.69	116.32
2021-03-05	124.59	7.66	101.46	111.21	127.61	98.66	5.16	83.91	92.55	100.32	112.46	6.25	94.82	105.4	116.16
2021-03-12	125.67	8.36	100.19	108.94	127.66	99.35	5.33	83.5	87.97	96.73	114.09	7.32	91.23	102.2	115.57
2021-03-19	125.8	7.53	102.24	109.81	126.73	102.85	4.06	84.92	92.5	97.63	114.18	5.77	94.15	104.9	113.23

2021-03-26	126.05	8	101.3	110.02	127.75	99.6	4.88	83.88	89.61	96.52	112.99	7.26	91.75	102.21	114.7
2021-04-02	125.59	8.24	99.34	108.23	125.98	99.84	4.88	83.53	89.21	95.56	111.11	7.17	88.59	101.44	113.62
2021-04-09	125.06	8.36	98.35	107.79	125.55	96.95	4.99	83.5	86.75	94.8	110.71	8.24	86.78	100.36	113.54
2021-04-16	123.54	8.5	97.5	106.44	124.53	97.78	4.39	83.16	84.05	92.5	110.61	8.47	85.22	95.45	112.45
2021-04-23	124.96	9.2	96.05	105.68	125.8	98.88	5.32	83.42	84.8	97.9	112.14	8.95	84.37	94.84	113.64
2021-04-30	125.31	8.36	99.71	107.33	126.56	97.07	4.94	83.47	87.69	97.69	111.32	7.91	86.95	99.5	114.01
2021-05-07	126.28	8.62	98.83	107.26	126.59	98.29	4.71	83.45	87.4	95.66	110.84	7.4	87.75	99.18	113.44
2021-05-14	124.75	7.91	100.56	108.74	125.32	98.02	4.6	83.74	86.71	95.38	109.36	6.88	89.32	97.83	110.55
2021-05-21	124.71	9.09	97.83	107.88	127.09	100.17	5.9	83.45	86.25	100.05	111.22	8.47	84.85	97.54	113.81
2021-05-28	127.54	8.28	100.58	109.78	126.65	99.3	5.24	83.61	86.35	97.39	111.24	7.8	86.74	97.91	112.96
2021-06-04	121.81	7.66	100.14	107.75	124.82	98.56	4.77	83.76	86.44	96.39	109.72	7.44	87.99	97.83	112.76
2021-06-11	122.58	8.57	99.77	110.59	126.75	100.85	5.03	84.1	87.24	98.17	110.47	7.79	85.36	96.62	111.28
2021-06-18	122.03	8.71	100.66	112.8	127.84	95.1	4.29	84.12	86.27	95.25	108.45	7.63	87.1	98.08	111.99
2021-06-25	122.44	8.12	99.7	112.97	125.27	95.92	3.92	84.18	85.3	92.67	108.6	7.78	84.64	93.69	109.38
2021-07-02	123.14	9	99.17	111.13	127.48	97.91	3.86	84.12	85.36	92.36	109.56	8.3	83.85	93.36	110.49
2021-07-09	123.55	9.29	100.65	113.41	129.66	96.35	3.72	84.52	86.85	93.19	106.83	6.2	89.21	96.2	108.81
2021-07-16	123.4	9.39	98.73	112.56	129.67	98.41	4.79	83.89	85.06	96.01	108.45	8.68	83.61	93.42	111.39
2021-07-23	125.02	9.39	101.48	114.82	131.61	98.97	4.42	84.56	86.15	95.24	107.09	7.81	84.55	94.32	109.92
2021-07-30	123.14	8.73	101.54	111.91	128.66	97.63	4.1	84.3	87.86	93.24	108.73	7.48	86.23	98.12	111.02
2021-08-06	126.11	9.81	100.93	114.52	132.22	96.31	4.31	84.01	85.49	95.9	106.65	7.38	84.89	92.96	109.16
2021-08-13	123.99	8.72	99.79	113.43	128.48	97.88	3.71	83.88	85.08	91.59	107.39	7.71	84.88	93.44	110.01
2021-08-20	126.31	9.79	101.22	112.86	133.3	96.06	4.05	84.27	85.91	93.66	106.71	7.34	85.17	94.37	109.28
2021-08-27	121.8	8.61	99.65	109.87	127.4	100.36	4.08	83.84	85.82	93.57	107.37	7.75	84.63	96.15	111.2
2021-09-03	126.92	10.07	100.83	113.32	133.39	98.02	5.22	83.73	84.45	99.3	107.9	8.16	84.39	93.39	110.41
2021-09-10	124.41	8.31	101.91	113.13	128.87	99.41	5.71	83.67	85.01	100.92	109.43	8.44	84.11	96.05	112.36
2021-09-17	125.56	8.92	102.33	114.98	131.25	100.93	5.85	83.85	86.65	100.32	109.52	9.1	82.93	97.81	112.47
2021-09-24	125.07	8.52	104.16	115.76	131.13	97.42	5.37	83.91	90.4	99.85	108.31	7.52	88.05	100.99	112.37
2021-10-01	127.68	9.36	104.87	119.11	134.1	98.78	5.9	83.85	87.82	102.03	108.45	8.04	84.59	97.68	112.34
2021-10-08	123.99	6.1	105.01	111.92	124.01	99.48	4.6	85.53	91.33	97.72	110.89	6.5	90.96	100.91	111.18
2021-10-15	122.95	6.66	104.26	113.79	126.31	99.57	4.78	86.27	93.12	102.54	109.01	6.03	93.06	103.49	111.62

2021-10-22	126.26	6.23	110.51	118.92	130.94	101.57	4.39	86.09	93.32	100.66	111.37	5.55	96.59	105.55	113.76
2021-10-29	123.25	5.52	108.39	114.48	125.62	98.59	3.8	87.06	93.46	98.47	111.26	5.38	97.11	105.77	114.59
2021-11-05	126.26	6.21	108.79	116.07	128.57	100.53	3.58	89.78	93.68	100.32	112.41	4.62	100.49	106.64	115.18
2021-11-12	124.52	6.34	106.6	113.37	126.55	103.41	4.25	87.83	92.92	100.5	114.01	5.4	98.64	105.84	115.2
2021-11-19	123.1	6.76	103.19	110.75	124.59	98.7	4.44	85.03	91.61	97.61	111.75	6.05	94.12	104.57	113.72
2021-11-26	123.74	6.61	104.3	114.24	124.88	98.46	4.59	86.39	92.77	100.96	110.29	5.59	95.63	103.94	113.34
2021-12-03	125.38	7.07	105.45	114.9	126.72	100.09	4.37	85.11	92.44	96.38	112.34	5.76	95.14	104.39	112.89
2021-12-10	125.07	5.95	108.21	115.51	126.98	99.49	3.99	85.47	93.14	98.82	111.79	5.05	98.84	105.93	115.23
2021-12-17	124.68	6.55	105.55	111.42	125.56	99.18	3.58	87.81	93.35	98.67	112.11	5.06	98.56	106.26	114.84
2021-12-24	121.94	6.23	104.41	110.57	123.9	96.39	3.45	87.44	92.93	98.07	110.07	4.87	97.37	104.31	112.4
2022-01-01	121.61	6.45	103.94	114.14	124.8	97.29	4.05	85.48	92.98	99.9	111.54	5.5	97.02	106.01	113.89
2022-01-08	123.14	6.11	107.26	114.16	126.78	101.14	4.49	86.63	93.42	101.39	113.09	4.96	100.83	107.27	116.3
2022-01-15	122.77	7	103.19	110.77	125.63	99.66	5.01	84.84	90.65	99.91	112.11	6.48	93.99	103.73	116.27
2022-01-22	122.86	6.1	105.01	112.5	124.44	99.27	3.69	85.08	93.23	95.23	111.35	4.86	97.72	105.07	113.12
2022-01-29	124.01	6.99	103.52	112.62	125.87	98.34	4.45	85.77	91.78	98.2	111.58	6.18	94.14	102.93	113.8
2022-02-05	123.12	6.52	104.89	112.89	125.69	97.49	4.69	84.6	88.86	96.43	111.28	6.81	91.83	101.91	114.5
2022-02-12	123.03	7.28	102.49	110.62	125.21	97.28	4.36	84.69	89.72	94.9	110.43	6.4	92.23	101.8	114.38
2022-02-19	122.3	7.23	102.2	111.02	125.1	97.25	4.41	84.58	91.43	95.34	110.82	6.69	90.72	103.27	113.45
2022-02-26	122.32	6.82	104.15	113.3	125.95	96.71	4.48	85.9	92.11	100.2	110.43	5.84	95.27	103.9	113.74
2022-03-05	125.82	8.64	99.75	110.16	127.32	100.4	5.1	84.46	87	98.84	116.35	8.04	90.62	100.61	116.71
2022-03-12	123.02	6.82	104.29	110.34	125.51	95.98	4.82	83.32	91.99	98.38	110.06	6.48	91.67	104.31	113.81
2022-03-19	124.27	6.92	103.51	109.77	125.38	99.21	4.78	84.07	92.07	99.27	111.99	6.22	94.44	104.45	114.61
2022-03-26	124.53	7.93	100.07	107.85	125.89	98.96	5.23	82.74	88.43	97.72	112.31	7.16	91.11	101.54	115.54
2022-04-02	123.71	7.14	103.81	111.44	127.34	98.81	3.82	87.23	92.79	99.63	111.27	5.43	97.18	105.69	115.43
2022-04-09	124.25	7.93	99.64	108.04	125.8	109.29	6.18	82.51	89.89	99.67	111.33	7.1	90.21	102.44	114.48
2022-04-16	121.69	7.58	98.8	109.22	124.02	96.12	5.36	82.9	89.89	98.63	108.81	6.95	89.02	101.5	111.45
2022-04-23	122.4	7.69	100.11	108.26	125.21	98.83	5.37	82.54	85.28	97.94	110	8.3	86.31	97.68	113.61
2022-04-30	122.82	7.13	102.16	109.31	125	101.45	5.85	83.08	90.3	100.79	110.2	6.97	89.58	100.55	113.31
2022-05-07	124.58	7.58	101.98	109.16	127.07	99.26	5.36	83.37	89.06	100.27	111.96	6.89	91.52	101.6	114.99
2022-05-14	124.15	7.35	103.25	112.48	127.37	107.96	5.34	83.18	90.69	99.17	112.21	7.41	90.39	102.42	115.75

2022-05-21	124.8	8.43	98.26	108.92	125.94	104.99	5.17	82.77	84.71	97.02	110.33	8.29	87.23	97.14	113.98
2022-05-28	123.57	7.49	101.58	109.95	125.26	101.07	5.55	82.61	85.76	97.92	110.08	8.33	85.85	96.85	112.54
2022-06-04	123.52	7.61	100.59	110.26	125.31	100.27	5.9	82.82	87.48	99.58	110.43	8.23	85.93	98.13	113.12
2022-06-11	122.1	7.77	100.76	112.59	126.63	96.37	4.27	83.62	87.04	94.93	109.9	7.42	87.44	97.34	112.45
2022-06-18	122.2	7.75	99.98	109.48	124.75	102.16	4.66	82.71	84.09	94.21	110.27	8.73	84.53	95.52	113.95
2022-06-25	122.14	7.92	98.86	110.74	124.54	107.22	4.82	82.81	85.24	94.23	109.86	8.34	85.14	96.39	112.58
2022-07-02	122.45	7.68	100.09	112.05	124.99	102.02	5.66	83.71	84.95	100.11	111.31	8.61	85.11	94.67	112.9
2022-07-09	124.12	7.6	102.23	115.73	126.49	97.87	4.56	83.88	86.15	95.56	109.92	8.11	85.79	96.73	111.82
2022-07-16	122.26	7.75	100.8	114.03	125.3	97.79	4.64	84.39	85.87	97.72	108.83	8.25	86.52	97.31	113.3
2022-07-23	122.78	8.05	100.35	115.2	126.81	97.35	4.22	84.18	85.8	95.64	109.76	8.36	85.84	95.77	112.88
2022-07-30	121.83	8.38	99.25	114.23	126.43	96.82	4	84.26	85.6	94.24	108.24	8.4	85.48	95.48	112.75
2022-08-06	124.03	7.67	102.67	119.29	128.23	99.07	4.72	83.99	85.18	96.82	110.63	9.23	84.43	98.01	114.66
2022-08-13	123.28	7.82	103.33	116.78	128.16	99.56	4.92	84.19	85.55	97.83	110.84	9.06	85.41	98.95	114.74
2022-08-20	123.8	8.58	101.58	116.33	128.77	97.6	4.45	83.78	84.71	94.69	109.52	8.45	85.49	98.01	113.99
2022-08-27	122.22	9.04	99.45	111.12	127.49	96.23	4.03	83.86	84.61	92.62	109.17	8.05	85.92	96.32	112.13
2022-09-03	123.41	8.33	102.95	114.56	128.82	97.09	4.2	83.94	86.1	93.86	109.1	7.57	86.59	97.64	111.95
2022-09-10	122.74	8.45	101.52	112.83	127.87	96.42	4.42	83.93	84.71	94.3	111.36	8.51	86.18	97.72	114.14
2022-09-17	123.48	8.13	103.33	115.4	128.68	98.71	4.57	83.84	84.61	95.32	111.42	8.71	86.44	98.82	116.33
2022-09-24	123.62	8.7	100.24	113.79	127.32	99.04	4.39	83.89	84.44	94.93	111.9	8.7	84.13	94.87	112.89
2022-10-01	122.72	8.33	100.94	114.19	127.31	94.19	3.68	83.89	84.55	91.11	108.62	8.4	84.43	94.15	111.7
2022-10-08	122.61	8.36	101.35	114.22	127.76	95.65	4.42	84.13	85.17	94.5	109.52	8.07	86.56	97.53	113.8
2022-10-15	123.88	8	99.99	109.86	125.96	95.01	4.61	83.8	85.08	93.84	111.08	8.41	85.92	97.27	114
2022-10-22	123.54	7.29	102.93	111.68	126.67	97.39	5.14	84.19	91.12	100.94	110.1	6.67	91.63	101.32	114.03
2022-10-29	124.86	6.67	106.08	113.75	127.65	99.18	6.08	84.26	92.07	103.42	115.54	6.76	92.38	101.5	114.51
2022-11-05	122.54	7.04	103.5	111.92	126.51	95.44	4.01	84.77	92.27	97.07	110.07	6.51	91.14	104.03	112.46
2022-11-12	123.7	6.67	104.89	110.89	125.92	97.45	3.83	84.43	92.63	94.53	111.05	5.6	94.86	104.46	113.15
2022-11-19	122.73	6.81	105.24	111.1	126.46	96.61	3.11	88.73	92.74	97.25	109.9	4.53	99.58	104.75	113.04
2022-11-26	124.24	7.28	103.67	112.1	127.33	97.08	4.53	84	91.71	97.08	110.49	6.77	91.71	104.31	113.69
2022-12-03	124.41	7.39	103.12	111.24	126.78	98.09	4.32	84.31	92.3	96.84	110.75	6.08	93.47	105.15	113.2
2022-12-10	123.44	8.31	100.14	109.86	127.38	95.63	4.63	83.89	87.85	96.46	109.41	7.28	89.94	101.35	112.77

2022-12-17	122.57	6.95	103.32	110.7	125.86	95.92	3.78	84.18	92.2	94.71	110.18	5.13	97.1	106.27	113.47
2022-12-24	125.03	6.88	106.13	112.96	128.1	96.74	3.3	87.63	93.49	98.17	109.99	4.76	97.54	106.31	112.57
2023-01-01	125.38	7.39	104.73	112.68	128.92	99.17	3.55	86.48	92.89	96.56	111.96	5	97.58	106.3	113.56
2023-01-08	123.63	6.99	106.66	112.89	128.41	98.82	3.07	90.43	93.56	99.24	110.92	4.47	99.98	105.91	114.85
2023-01-15	123.96	7.71	104.38	113.35	128.14	99.41	4.56	85.44	92.08	99.7	111.82	6.24	94.63	103.53	115.76
2023-01-22	123.5	7.85	102.67	111.31	127.8	96.29	5.1	83.6	87.25	97.93	109.61	6.88	90.31	100.6	113.21
2023-01-29	123.04	7.36	103.13	109.68	127.25	98.35	4.02	85.27	92.65	96.95	111.38	5.12	96.78	104.63	114.07
2023-02-05	123.91	6.97	105.1	111.34	126.74	97.97	3.94	86.46	92.87	98.49	110.98	5.3	96.65	104.77	113.71
2023-02-12	123.64	7.82	100.55	110.48	126.31	96.97	5.26	83.49	90.44	98.15	110.41	7.39	89.11	102.62	113.75
2023-02-19	125.1	7.36	104.32	111.03	127.91	99.24	3.53	87.62	92.56	95.98	112.04	5.1	98.3	104.85	114.21
2023-02-26	125.18	7.19	102.06	109.96	125.44	98.64	4.51	84.44	92.59	98.63	110.65	5.76	94.55	103.69	112.86
2023-03-05	121.71	7.68	101.1	109.08	125.82	94.43	4.26	83.92	91.09	96.84	108.92	5.95	93.6	103	113.23
2023-03-12	125.38	7.01	102.72	109.39	125.29	97.1	4.81	84.22	90.74	98.49	112.02	6.13	93.79	103.33	115.37
2023-03-19	123.16	8.63	99.93	111.38	127.27	97.38	5.36	84	89.1	99.62	110.75	7.5	90.02	101.6	114.34
2023-03-26	122.1	7.38	101.57	109.95	125.13	96.35	4.78	84.16	88.32	97.73	110.34	6.74	91.89	101.28	114.85
2023-04-02	123.07	7.53	101.54	112.14	125.21	97.86	5.13	84.22	90.57	97.37	111.73	7.59	88.98	102.54	113.76
2023-04-09	123.79	6.78	105.03	115.83	127.07	105	5.02	84.06	89.81	97.36	110.88	6.75	92.07	102.76	113.81
2023-04-16	123.52	5.61	108.34	117.54	125.87	97.1	3.85	85.32	92.99	98.33	111.96	5.75	96.18	105.24	114.22
2023-04-23	124.09	8.24	100.28	112.79	125.89	106.53	5.35	83.87	88.33	99.84	110.14	6.81	90.54	100.95	113.17
2023-04-30	122.94	7.89	101.46	113.93	125.4	97.29	4.35	83.82	85.32	93.04	111.43	7.67	88.57	98.64	113.92
2023-05-07	122.91	7.21	102.24	115.19	125.23	101.07	4.55	83.81	84.77	93.25	110.69	7.96	87.65	97.11	113.55
2023-05-14	122.49	7.86	98.93	114.85	125.6	97.07	4.01	83.96	84.98	91.89	109.61	8.3	85.77	97.2	113.4
2023-05-21	123.61	7.15	103.05	114.85	126.75	96.5	4.42	83.84	85.03	93.69	111.95	8.55	85.61	96.18	114.4
2023-05-28	124.02	7.76	102.49	111.79	127.71	105.04	4.43	84.04	87.89	93.58	110.16	7.13	89.49	100.31	113.22
2023-06-04	124.79	7.89	104.94	115.42	130.29	98.99	4.93	83.94	87.78	97.59	110.29	7.51	88.88	98.72	113.67
2023-06-11	121.33	8.01	99.82	110.56	125.9	97.02	4.14	83.76	86.24	93.39	109.84	7.39	87.31	97.77	112.2
2023-06-18	122.31	7.88	101.58	112.2	127.37	101.74	4.26	84.17	86.69	95.59	109.86	7.22	87.94	97.25	111.51
2023-06-25	123.91	7.85	99.28	107.69	124.52	98.6	4.25	85.12	87.4	96.18	111.35	8.19	86.24	97.83	112.64
2023-07-02	119.73	7.57	97.76	106.49	121.7	93.98	3.6	83.86	85.12	90.86	107.76	7.24	85.96	94.37	109.89
2023-07-09	120.79	7.6	98.31	107.18	122.96	99.22	4.73	83.52	85.34	96.44	111.01	8.74	87.64	98.06	115.55

2023-07-16	119.9	7.05	99.89	108.82	122.86	96.41	4.62	83.1	84.48	95.16	109.64	7.84	87.82	96.92	112.66
2023-07-23	121.3	7.82	97.94	107.28	123.75	97.37	4.81	83.26	84.9	97	111.97	8.51	85.5	96.87	113.58
2023-07-30	121.37	7.69	97.87	107.54	122.79	98.67	4.53	83.55	85.28	95.48	111.61	8.73	85.9	96.29	113.84
2023-08-06	121.53	7.7	97.06	105.94	121.64	102.1	5.5	83.56	84.52	99.88	109.05	8.36	85.9	95.69	113.04
2023-08-13	120.5	7.92	97.94	106.06	123.54	96.1	4.08	83.34	84.49	92.57	109.48	7.83	86.87	94.92	112.63
2023-08-20	118.97	7.73	97.17	106.69	122.34	100.35	4.06	83.28	85.01	92.38	108.77	7.57	87.45	97.43	112.46
2023-08-27	122.33	8.15	97.48	107.07	123.33	95.41	4.71	83.12	83.81	97.67	109.64	8.56	84.77	95.88	112.6
2023-09-03	120.53	7.73	99.72	107.32	124.23	95.26	4.4	83.15	83.81	94.41	110.18	8.63	85.48	97.65	114.67
2023-09-10	121.15	7.37	100.09	106.58	123.3	94.99	4.42	83.12	83.79	94.21	109.2	8.03	86.23	97.17	112.6
2023-09-17	121.6	7.79	100.16	108.4	125.59	95.17	4.65	82.97	84.67	95.56	110.03	7.84	86.81	98.08	112.76
2023-09-24	120.63	6.81	103.25	111.7	125.29	96.79	4.63	84.1	90.62	97.03	109.25	7.18	89.96	102.65	112.17
2023-10-01	123.3	7.82	100.35	108.46	125.81	97.31	4.91	83.58	85.37	96.94	113.24	8.89	85.25	98.13	114.72
2023-10-08	122.87	7.17	103.45	111.98	126.76	95.69	4.49	83.93	90.48	97.05	110.46	6.71	90.43	102.08	112.93
2023-10-15	122.84	6.28	106.03	113.7	125.92	98.08	4.1	85.8	92.05	99.9	110.91	5.19	95.97	104.27	112.76
2023-10-22	122.71	7.12	104.05	114.02	126.2	93.95	4.16	83.93	89.07	96.17	109.48	6.56	91.24	101.38	113.1
2023-10-29	122.58	6.27	107.23	115.14	126.1	96.74	3.17	87.61	91.72	95.78	110.21	5.35	98.39	105.01	113.55
2023-11-05	125.44	6.55	107.62	115.79	127.53	98.55	4.52	86.68	92.07	102.02	111.18	5.76	96.06	104.71	113.6
2023-11-12	124.25	7.46	104.5	115.8	128.4	97.23	5.09	83.59	88.97	98.56	110.77	6.85	92.04	104.24	113.93
2023-11-19	123.94	7.06	105.49	116.51	127.95	96.29	4.7	83.95	89.66	97.66	112.38	6.57	93.41	104.67	114.34
2023-11-26	125.57	7.38	107.31	117.87	130.13	99.27	3.53	86.7	92.02	97.02	112.23	5.2	98.2	105.42	114.83
2023-12-03	125.9	8.23	103.14	116.99	129.93	97.83	4.77	83.87	91.22	99.8	111.5	6.91	92.89	103.65	115.1
2023-12-10	126.42	8.62	105.3	116.45	131.94	96.13	4.6	83.81	92.45	98.79	110.64	5.93	94	106.26	113.44
2023-12-17	125.71	8.5	103.7	114.68	131.37	108.32	4.48	83.98	91.97	96.87	112.11	5.76	95.33	105.49	114.71
2023-12-24	124.61	6.56	108.2	117.2	128.83	96.58	2.55	89.98	92.72	96.38	110.97	3.65	102.28	107.53	113.27
2024-01-01	124.49	7.02	106.26	114.27	129.15	95.81	3.88	85.21	92.3	97.54	110.84	5.02	97.71	106.69	113.77
2024-01-08	126.12	7.08	108.78	116.56	131.66	97.62	3.63	86.49	92.31	96.95	113.46	4.77	100.67	109.03	117.05
2024-01-15	124.36	6.65	108.02	114.28	129.07	100.08	3.15	87.88	92.77	95.26	112.31	3.95	103.76	108.1	113.91
2024-01-22	126.14	8.32	105.9	113.17	132.19	96.99	4.59	85.04	92.46	99.91	110.99	5.21	97.01	104.88	114.02
2024-01-29	125.58	8.27	104.87	114.47	131.3	97.59	4.92	83.61	91.53	99.35	112.18	6.13	93.75	104.27	114.81
2024-02-05	125.35	9.19	101.48	112.36	131.26	96.37	4.81	83.39	88.2	96.48	111.58	6.92	91.37	102.03	114.23

2024-02-12	125.41	8.56	104.68	114.27	132.29	94.29	3.06	86.12	91.69	94.07	110.25	5.24	96.93	106.14	114.12
2024-02-19	123.51	7.58	103.16	111.45	126.9	95.03	4	84.02	90.41	96.56	109.8	5.41	95.82	103.27	113.29
2024-02-26	125.18	7.75	105.73	113.27	130.81	98.47	4.07	87.19	92.56	99.34	114.05	5.72	98.05	106.6	117.04
2024-03-04	122.96	7.65	101.39	109.8	126.71	97.57	4.77	83.86	90.75	97.21	112.06	6.67	93.6	104.63	114.43
2024-03-11	122.38	7.22	102.63	110.95	125.74	94.45	4.17	83.95	89.95	96.06	110.85	6.05	94.28	104.14	114.42
2024-03-18	122.7	7.43	100.97	107.8	124.48	96.18	4.72	83.83	87.1	97.17	111.41	6.7	93.31	101.67	114.98
2024-03-25	124.85	7.69	99.99	108.73	125.3	96.69	4.65	83.96	88.22	96.46	111.72	7.09	91.64	103.1	114.76
2024-04-01	121.52	7.69	99.93	107.83	125.33	95.53	4.36	83.92	86.41	95.94	111.17	7.38	90.96	100.49	116.05
2024-04-08	122.89	8.37	98.97	110.62	125.77	96.93	4.98	83.68	85.82	96.39	112.11	8.13	88.42	101.32	115.18
2024-04-15	123.76	7.31	102.01	110.12	125.62	96.61	4.09	83.87	89.13	93.42	112.39	6.92	91.65	104.52	115.76
2024-04-22	122.49	7.38	101.7	110.68	125.46	95.31	5.12	83.76	87.7	98.08	110.5	6.75	91.87	101.01	114.27
2024-04-29	122.69	7.74	101.4	110.06	125.56	97.57	4.28	83.6	85.55	95.29	110.51	6.93	90.44	100.07	113.56
2024-05-06	124.02	7.96	101.6	111.21	126.83	97.87	4.07	83.77	87.83	93.95	110.95	7.34	88.02	101.34	114.56
2024-05-13	123.59	7.19	102.78	109.54	125.13	100.53	3.91	83.93	88.68	92.68	111.48	6.65	91.47	101.67	113.64
2024-05-20	124.15	8.15	100.34	109.82	126.32	102.37	5.49	83.75	88.13	99.87	111.83	7.09	90.76	100.49	114
2024-05-27	121.76	7.42	100.59	108.25	123.76	97.01	5.14	83.5	86.95	99.61	110.56	6.99	90.21	99.78	113.52
2024-06-03	123.69	8.33	101.74	112.63	128.19	99.08	4.77	84.22	88.28	97.84	111.68	7.62	89.95	100.97	115.01
2024-06-10	123.6	8.19	100.51	109.44	126.81	100.59	4.81	84.32	87.45	98.87	112.72	7.87	88.01	98.97	115.29
2024-06-17	122.51	8.29	99.88	110.29	127.12	95.4	4.09	83.92	86.14	93.68	109.99	7.26	89.72	97.73	113.87
2024-06-24	121.05	8.05	100.16	108.72	126.31	97.56	4.55	83.52	84.91	96.74	108.9	7.56	86.48	95.4	112.29
2024-07-01	124.35	8	97.99	106.96	123.53	97.57	4.59	84.68	87.55	96.13	112.03	7.76	87.4	95.17	112.57
2024-07-08	120.96	8	98.28	105.33	123.86	97.47	3.6	87.36	89.34	95.14	109.22	7.51	86.9	94.94	111.36
2024-07-15	121.32	7.76	98.43	106.84	123.35	99.84	3.93	87.62	90	97.06	108.2	7.82	86.94	96.69	112.3
2024-07-22	122.11	8.22	97.64	106.49	124.21	99.78	4.24	87.87	89.56	98.49	111.08	8.04	86.77	96.93	113.94
2024-07-29	122.12	8.21	97.47	105.63	123.95	100.26	4.94	87.41	88.67	101.77	109.66	8.81	85.21	95.29	113.88
2024-08-05	119.78	8.37	96.53	105.85	122.85	97.97	3.93	87.61	88.62	96.81	108.59	8.79	84.7	94.84	112.65
2024-08-12	120.56	8.12	97.03	106.68	123.85	98.49	4.53	87.43	88.23	100.52	109.06	8.64	84.87	96	112.63
2024-08-19	120.54	7.75	98.26	106.82	123.38	99.02	5.57	87.49	89.85	103.68	108.62	8.1	85.43	97.68	112.83
2024-08-26	121.15	7.92	98.88	107.21	124.92	98.99	4.46	87.28	88.7	100.22	111.43	8.64	85.68	99.38	114.64
2024-09-02	121.63	7.9	98.69	105.94	124.12	96.67	3.53	87.16	87.7	94.8	109.5	7.97	86.44	96.93	112.7

2024-09-09	120.4	8.06	97.55	105.56	123.93	100.47	4.84	87.09	87.68	100.54	109.2	8.72	84.74	95.45	113.06
2024-09-16	121.32	8.11	98.55	105.91	124.3	104.94	4.31	87.16	87.67	97.06	109.78	8.77	83.72	95.44	113.63
2024-09-23	122.53	7.9	100.64	108.17	126.01	102.96	5.43	87.36	90.35	103.43	112.32	8.32	87.16	99.43	115.19
2024-09-30	121.51	7.76	100.92	108.09	126.1	99.11	4.62	87.48	90.47	101.42	110.87	7.83	88.66	99.6	115.08
2024-10-07	124.33	7.32	102.34	109.11	125.76	100.39	4.35	85.73	90.76	97.1	112.53	7.58	87.59	101.23	114.03
2024-10-14	123.65	6.86	105.08	112.95	126.83	99.49	5.84	84.28	88.8	101.07	111.48	7.45	91.39	102.21	115.5
2024-10-21	124.55	6.81	104.58	113.43	126.44	100.13	5.39	84.55	88.67	99.98	114.31	7.96	89.61	101.72	115.1
2024-10-28	124.75	6.94	105.87	114.82	128.72	104.32	4.89	84.43	92.53	99.66	112.2	6.99	91.2	104.42	116.45
2024-11-04	124.59	6.23	107.14	114.89	127.46	98.85	4.91	84.17	91.75	101.14	112.24	6.33	95.37	104.52	116.52
2024-11-11	124.46	6.38	108.61	117.99	128.82	100.13	4.62	85	93.1	100.08	111.72	5.84	95.54	105.49	114.37
2024-11-18	129.07	8.02	108.49	117.34	134.57	101.1	4.71	87.27	93.62	103.02	114.34	5.32	100.97	108.81	117.84
2024-11-25	123.71	7.72	102.9	110.38	127.33	98.55	4.9	84.62	90.55	98.65	112	6.29	95.16	103.03	116.02
2024-12-02	124.85	6.82	106.81	114.29	127.78	98.01	2.78	91.07	93.5	98.19	113.1	4.51	102.34	106.03	116.29
2024-12-09	126.79	7.52	107.79	116.23	131.93	98.21	3.78	86.37	93.72	97.52	113.15	5.37	98.83	107.69	116.92
2024-12-16	125.92	6.82	108.4	116.1	130.13	98.82	3.51	88.49	93.97	100.04	114.1	4.81	101.3	108.76	116.86
2024-12-23	129.6	7.78	110.69	118.6	135.95	98.8	3.99	88.44	93.76	101.23	113.37	5.08	100.97	108.11	117.32

Table 10b: Swiftsure Bank weekly sound pressure levels (SPL) in decibels (dB). Mean (Avg) and standard deviation (Std), Q₅, Q₅₀ and Q₉₅ levels for water turbulence, echosounders and wind are given.

Date	Avg 10-100 Hz	Std 10-100 Hz	Q5 10-100 Hz	Q50 10-100 Hz	Q95 10-100 Hz	Avg 49500-50500 Hz	Std 49500-50500 Hz	Q5 49500-50500 Hz	Q50 49500-50500 Hz	Q95 49500-50500 Hz	Avg 7500-8500 Hz	Std 7500-8500 Hz	Q5 7500-8500 Hz	Q50 7500-8500 Hz	Q95 7500-8500 Hz
2019-01-01	123.49	8.77	98.19	109.43	126.34	80.56	4.01	65.01	70.54	77.31	92.45	5.97	76.59	86.59	96.02
2019-01-08	123.36	7.88	100.95	109.9	126.56	81.89	3.38	66.44	70.86	73.57	93.44	4.75	83.42	87.79	95.15
2019-01-15	123.21	8.48	99.25	111.56	127.14	76.59	3.17	65.17	71.05	73.82	90.96	4.74	77.54	87.77	93.73
2019-01-22	124.22	8.71	98.88	110.34	126.2	81.44	4.4	64.31	68.79	75.6	91.53	7.45	70.45	84.15	94.79
2019-01-29	122.29	8.84	96.43	108.22	124.95	74.26	3.36	64.89	70.4	75.09	90.77	5.28	75.75	85.6	91.8
2019-02-05	122.89	8.44	96.39	106.77	123.72	78.3	3.24	64.71	70.12	72.53	90.74	5.28	74.99	85.03	90.97
2019-02-12	121.76	8.48	97.58	108.48	124	85.84	3.67	64.57	69.93	73.52	90.29	5.73	75.36	86.61	92.06
2019-02-19	125.34	9.23	97.03	108.52	126.64	77.97	4.27	64.5	67.68	75.51	91.97	6.89	70.87	82.23	93.73

2019-02-26	124.6	9.39	94.7	105.73	124.46	99.01	4.42	64.62	69.79	72.38	90.3	5.9	73.68	85.17	92.35
2019-03-05	123.03	8.79	96.27	107.38	125.63	74.64	3.64	63.54	65.05	70.59	90.8	7.08	69.19	79.97	92.94
2019-03-12	125.09	8.06	99.1	109.43	124.93	75.76	3.65	63.72	68.52	72.52	92.56	6.31	72.83	85.08	94.38
2019-03-19	123.1	8.47	97.19	110.38	124.86	74.73	3.64	63.61	66.42	70.6	90.69	7.48	69.31	84.26	92.69
2019-03-26	122.32	9.04	94.97	106.38	124.79	73.69	3.66	63.46	64.4	70.47	90.48	7.57	69.56	80.06	92.83
2019-04-02	123.62	9.09	94.02	107.56	124.14	77.51	4.3	63.66	67.83	75.23	92.86	6.95	71.2	84.64	94.67
2019-04-09	122.67	8.99	95.87	107.34	124.75	75.41	3.65	64.02	68.16	73.58	90.6	5.94	74.21	84.41	92.75
2019-04-16	122.96	9.38	95	109.18	125.27	89.06	4.66	63.68	66.29	76.29	91.67	6.55	71.22	81.88	91.95
2019-04-23	122.88	9.26	94.66	106.45	124.54	76.09	3.72	63.65	67.73	70.29	91.03	7.65	68.63	84.71	92.63
2019-04-30	120.62	9.09	93.41	105.87	123.15	80.97	3.48	63.54	64.38	67.79	90.04	7.11	68.07	78.4	91.28
2019-05-07	123.65	8.82	98.22	109.13	127.57	78.47	3.52	63.45	64	67.75	91.73	7.25	68.02	77.78	91.58
2019-05-14	123.37	9.07	98.55	111.52	126.94	82.44	4.5	63.43	65.39	73.42	92.18	7.3	69.87	80.58	93.6
2019-05-21	122.59	10.23	93.05	109.08	125.78	84.55	3.72	63.46	64.6	68.87	89.95	6.75	69.08	78.83	90.81
2019-05-28	123.91	9.5	95.41	106.51	125.99	98.53	5.92	63.55	65.72	72.45	91.77	7.67	69.2	79.11	95.19
2019-06-04	121.09	9	94.52	104.55	123.72	77.69	4.62	63.78	65.8	76.47	92.3	6.77	71.87	80.71	94.23
2019-06-11	122.74	9	95.43	105.05	124.46	78.34	4.18	64.21	66.31	74.12	92.03	7.04	69.99	81.18	93.94
2019-06-18	122.25	8.91	95.19	104.8	124.24	84.89	4.17	64.85	67.3	73.54	92.1	6.54	72.26	81.99	92.93
2019-06-25	120.66	8.37	96.24	105.88	123.32	76.74	4.49	64.41	66.53	77.04	91.71	7.83	68.96	80.51	94.71
2019-07-02	120.66	7.75	97.94	106.04	122.93	82.46	4.86	64.28	66.41	77.28	92.44	7.72	69.95	80.32	94.17
2019-07-09	121.16	8.23	95.52	106.42	123.22	82	4.5	64.13	67.76	77.69	91.63	7.99	69.41	79.59	94.58
2019-07-16	121.5	8.16	97	107.11	123.97	80.63	4.87	65.22	67.3	78.32	93.99	7.64	71.2	81.12	96.03
2019-07-23	121.52	8.14	97.49	106.92	123.31	80.26	5.03	64.93	66.86	78.03	91.81	7.69	70.17	79.93	94.9
2019-07-30	121.3	8.72	96.45	108.57	124.27	84.28	5.1	64.28	66.52	77.2	90.47	7.12	71.42	80.28	93.92
2019-08-06	121.44	8.38	95.44	107.05	122.86	88.96	4.86	64.41	65.79	76.45	92.34	8.65	68.72	78.4	95.55
2019-08-13	125.02	9.62	94.1	105.34	124.17	100.52	5.78	64.32	65.6	75.82	93.52	8.45	69.15	76.37	95.75
2019-08-20	122.35	9.72	91.95	102.34	123.91	85.19	4.53	64.34	65.24	74.24	90.5	7.49	69.09	76.34	92.13
2019-08-27	122.05	9.19	93.81	105.19	123.65	92.16	4.37	64.09	64.69	72.75	91.12	7.72	68.43	76.26	91.77
2019-09-03	120.57	9.41	92.62	103.39	123.77	82	3.4	64.02	64.44	68.59	89.69	7.6	68.43	74.23	91.89
2019-09-10	121.92	9.45	93.42	103.24	123.83	81.68	4.65	64.09	64.91	76.15	91.2	7.69	69.2	78.22	93.1
2019-09-17	123.42	9.37	94.93	103.37	124.62	84.82	3.87	64.39	66.36	73.86	91.94	7.58	69.46	80.58	93.98

2019-09-24	124.88	9.09	96.54	106.91	125.9	77.8	3.93	64.32	66.31	73.69	92.46	7	71.92	81.54	92.36
2019-10-01	121.96	9.23	93.15	103.6	123.9	85.16	3.98	64.12	66.84	75.52	90.57	7.39	69.4	81.86	92.72
2019-10-08	122.41	9.05	94.89	105.79	124.39	84.56	3.28	64.25	68.18	70.72	91.41	6.24	70.92	83.92	90.87
2019-10-15	123.33	8.37	98.1	107.4	125.36	77.76	3.48	66.1	69.37	76.42	91.29	4.53	79.81	86.49	94.02
2019-10-22	123.35	8.48	98.18	107.7	125.84	84.77	4.2	64.26	67.31	74.68	91.84	7.15	71.25	82.7	94.48
2019-10-29	122.46	9.15	94.97	105.52	124.27	85.99	4	63.88	65.35	70.84	92.36	7.57	69.27	80.17	93.86
2019-11-05	122.35	8.92	96.39	106.02	124.67	78.19	3.8	63.92	68.24	71.45	91.79	6.61	70.57	84.15	92.64
2019-11-12	121.48	8.7	96.07	106.7	124.6	84.32	4.04	64.16	69.52	75.25	91.86	6.56	72.24	86.45	94.54
2019-11-19	124.72	8.17	100.14	109.56	126.6	82.31	4.25	63.97	68.29	74.07	93.51	6.9	71.26	84.43	93.9
2019-11-26	124.2	9.18	95.92	106.08	125.91	87.42	3.55	67.2	71.47	73.69	94.87	4.59	80.09	87.2	94.03
2019-12-03	121.09	8.86	95.53	104.47	123.79	80.1	3.72	64.79	70	73.94	90.48	7	69.77	85.25	92.14
2019-12-10	123.19	8.64	96.83	107.83	124.87	88.97	4.14	64.88	70.46	75.56	90.95	7.05	70.71	86.12	92.77
2019-12-17	123.91	8.05	100.22	107.95	125.67	76.92	3.91	64.88	70.68	76.17	92.11	6.8	71.38	86.59	94.67
2019-12-24	122.22	8.11	98.17	106.9	124.09	76.01	3.32	65.16	70.75	74.49	90.55	5.49	75.53	86.44	93.21
2020-01-01	123.01	7.92	98.98	107.04	124.11	79.24	3.33	67.01	71.07	77.04	93.13	4.44	81.59	88.56	94.67
2020-01-08	124.84	8.8	98.4	109.16	126.97	88.96	4.11	64.83	70.74	75.64	94.2	6.34	74.21	88.14	95.48
2020-01-15	121.76	8.24	99.06	107.74	125.6	91.97	3.43	66.21	71.01	74.69	93.37	4.33	81.44	88.84	95.41
2020-01-22	124.15	8.23	98.81	107.94	125.12	78.82	3.09	67.35	70.75	75.17	93.08	4.48	81.71	87.6	94.88
2020-01-29	123.32	7.99	98.55	107.22	124.87	82.13	4.26	64.84	69.7	76.82	93.97	7.29	73.43	86.46	96.27
2020-02-05	121.57	8.24	97.21	107.69	124.1	81.68	4.08	64.76	68.77	75.2	90.71	6.52	73.06	83.97	93.34
2020-02-12	124.14	8.89	95.87	106.54	124.53	83.86	4.23	64.62	69.52	74.7	91.52	7.2	69.19	84.35	92.71
2020-02-19	122.77	8.72	97.37	108.27	126.28	82.5	3.76	64.86	70.61	73.37	91.64	5.65	75.83	86.57	93.65
2020-02-26	122.67	8.76	96.5	106.77	125.74	80.15	4.07	64.65	69.78	74.94	91.58	6.83	70.55	84.63	93.99
2020-03-04	123.88	8.58	96.89	107.14	124.54	84.13	4.55	64.52	67.27	76.69	91.92	7.64	68.75	82	93.18
2020-03-11	121.41	8.44	95.82	105.99	123.46	78.03	3.47	64.78	70.36	72.55	91.34	6.06	71.96	86.15	91.15
2020-03-18	117.98	8.34	94.83	105.07	121.05	73.28	3.13	64.54	64.87	70.04	88.67	8.39	66.52	73.52	88.87
2020-03-25															
2020-04-01															
2020-04-08															
2020-04-15															

2020-04-22															
2020-04-29															
2020-05-06															
2020-05-13															
2020-05-20															
2020-05-27															
2020-06-03															
2020-06-10															
2020-06-17	144.45	18.29	98.88	138.77	151.81	76.32	2.99	66.32	68.25	70.36	89.43	7.34	64.61	71.02	86.59
2020-06-24	122	8.65	94.62	104.09	122.68	93.27	5.4	66.74	68.37	75.05	91.34	6.83	69.04	80.18	91.05
2020-07-01	121.54	8.33	97.38	107.99	124.25	88.56	4.19	66.31	67.17	76.07	90.27	7.43	68.84	77.81	92.26
2020-07-08	120.19	8.96	92.83	104.09	122.6	102.56	6.25	66.27	67.02	78.61	90.79	8.04	68.57	77.95	93.97
2020-07-15	124.5	9.63	96.04	108.33	126.55	85.46	4.53	66.27	67.94	76.37	91.76	6.7	71.12	80.64	93.79
2020-07-22	123.7	9.53	94.32	107.42	125.02	87.93	5.05	66.19	67.57	75.48	93.6	7.09	69.81	79.29	93.68
2020-07-29	122.35	9.44	96.37	106.93	126.94	98.09	8.09	66.18	66.8	84	90.97	8.82	67.6	76.63	94.84
2020-08-05	118.59	8.41	94.48	104.92	122.6	86.2	4.87	66.26	67.95	77.69	90.14	6.67	71.42	80.98	94
2020-08-12	121.64	8.31	94.83	105.65	121.59	82.51	4.06	65.97	66.69	75.25	90.23	7.8	67.53	77.23	92.99
2020-08-19	119.43	8.66	94.58	105.06	122.27	93.49	5.65	66.22	67.13	78.32	88.64	7.62	68.54	77.85	92.16
2020-08-26	119.17	8.46	94.82	105.83	122.45	81.2	3.74	66.08	67.13	72.51	88.99	7.12	68.48	78	90.43
2020-09-02	120.39	9.4	92.12	103.55	122.21	89.84	3.18	65.99	66.63	69.73	87.77	6.91	67.46	74.96	88.91
2020-09-09	123.58	9.32	91.5	102.66	122.07	103.63	5.66	64.23	66.51	73.42	88.2	7.75	66.6	75.87	89.95
2020-09-16	121.14	9.5	91.24	103.12	122.75	80.34	4.38	64.14	64.81	73.81	89.84	7.22	67.24	74.1	89.34
2020-09-23	121.66	8.51	95.26	105.56	123.33	79.5	3.99	64.86	68.58	75.69	90.07	6.39	72.2	82.97	93.93
2020-09-30	121.25	8.73	94.27	104.98	123.31	79.49	3.87	64.4	64.93	70.36	88.59	8.11	66.49	71.03	89.02
2020-10-07	122.25	8.89	95.77	104.57	123.72	78.55	4.49	64.48	67.45	76.58	90.72	8.41	67.99	82.87	94.64
2020-10-14	122.79	8.52	96.51	107.17	124.3	80.5	4.31	65.02	68.38	75.57	90.08	6.36	71.63	82.49	90.85
2020-10-21	124.64	9.04	95.62	106.8	124.8	90.65	4.43	65.38	70	73.02	90.63	5.37	75.24	84.54	91.89
2020-10-28	120.82	8.09	97.58	107.75	123.98	81.67	3.86	66.58	70.47	78.4	90.26	5.79	73.76	83.96	93.84
2020-11-04	123.85	8.3	100.33	110.17	127.31	87.07	3.93	66.54	70.04	75.31	92.46	5.96	74.68	83.91	92.88
2020-11-11	125.27	8.57	102.19	114.32	129.8	79.15	3.7	67.19	71.78	78.3	92.56	5.32	79.78	87.66	96.25

2020-11-18	124.47	9.32	99.38	111.86	128.99	79.06	3.82	66.64	71.67	77.3	91.37	5.98	73.21	85.47	93.46
2020-11-25	123.6	8.01	101.97	111.22	128.1	77.43	3.42	66.95	71.91	76.84	91.45	5.43	76.56	87.48	94.57
2020-12-02	124.44	7.82	102.71	112.51	128.48	78.77	3.33	68.04	72.15	77.5	92.18	4.66	79.81	87.38	93.68
2020-12-09	124.72	7.62	103.53	113.37	127.83	81.74	4.21	66.31	71.34	77.63	92.58	6.56	73.62	85.95	94.48
2020-12-16	126.5	8.62	101.83	111.91	130.19	81.37	3.95	67.09	71.87	79.21	92.64	5.93	77.65	88.17	96.46
2020-12-23	122.15	7.75	99.37	109.36	124.16	85.12	3.01	67.33	72.23	75.57	91.39	4.79	78.02	88.06	93.32
2021-01-01	126.23	8.07	104.48	114.94	131.73	78.2	3.14	67.42	71.97	75.44	93.56	5.53	78.5	87.58	96.6
2021-01-08	124.4	7.7	103.24	112.69	128.45	83.88	4.12	67.18	72.18	78.65	93.46	5.33	78.1	88.89	96.31
2021-01-15	122.99	8.27	98.67	109.51	125.6	91.75	4.54	66.3	71.04	75.26	95.14	6.63	73.29	84.83	95.6
2021-01-22	122.17	8.11	99.01	109.63	125.08	79.74	3.9	66.15	70.55	75.72	92.46	6.66	72.89	84.66	93.61
2021-01-29	122.44	8.41	97.86	109.04	125.15	82.72	3.78	66.53	71.74	76.54	91.86	5.97	74.55	85.94	94.33
2021-02-05	125.09	8.76	99.03	109.66	126.59	81.18	4.05	66.11	71.67	74.5	95.99	6.55	74.51	86.77	96.51
2021-02-12	121.52	7.96	99.24	109.64	124.95	78.41	2.76	67.4	72.19	73.75	91.49	3.85	81.28	88.84	92.35
2021-02-19	125.04	7.76	100.98	110.11	126.03	83.69	3.95	67.56	72.03	77.48	95.54	5.66	78.61	87.06	97.11
2021-02-26	125.41	8.91	99.67	109.13	128.3	86.4	3.92	65.91	69.94	73.76	93.54	6.03	76.46	85.2	95.53
2021-03-05	123.65	9.1	94.49	107.69	125.97	78.58	4.1	64.77	70.71	76.58	94.2	6.78	74.17	87.44	96.68
2021-03-12	124.68	9.28	95.53	105.09	125.95	82.81	4.32	64.57	67.13	72.99	94.44	8.12	69.46	82.44	94.46
2021-03-19	124.8	9.23	94.73	105.82	125.6	81.36	3.28	65.32	70.74	74.14	96.81	5.49	76.04	87.38	93.96
2021-03-26	125.28	8.73	97.08	106.42	126.24	83.11	4.01	64.79	68.35	73.01	94.12	7.12	73.04	84.27	94.31
2021-04-02	124.91	9.07	94.82	104.91	123.86	90.84	4.36	64.63	68.37	72.43	92.31	7.28	69.34	83.33	92.34
2021-04-09	124.25	9.09	94.37	103.85	123.82	75.86	3.87	64.53	66.13	72.16	91.74	8.11	68.64	81.47	93.16
2021-04-16	122.33	8.89	94.31	104	122.89	83.76	3.6	64.25	64.74	69.68	91.22	7.62	67.58	75.88	91.19
2021-04-23	123.93	9.89	91.86	103.22	123.89	77.73	3.98	64.53	65.31	73.08	92.8	8.01	67.38	74.31	92.09
2021-04-30	124.43	9.2	95.11	104.78	124.72	75.78	3.79	64.56	66.6	73.9	91.7	7.68	68.33	81.8	92.74
2021-05-07	125.58	9.64	93.7	104.05	125.19	79.32	3.94	64.48	66.74	71.84	91.83	6.87	69.25	80.92	91.55
2021-05-14	123.83	9.01	95.5	106.73	124.31	79.86	3.78	64.49	66.31	72.18	90.82	6.35	72.61	79.92	90.95
2021-05-21	123.91	10.03	93.83	105.17	125.75	79.98	5.18	64.49	66.05	77.37	92.04	8.17	67.2	78.89	93.2
2021-05-28	126.98	9.01	96.59	107.81	125.14	90.71	4.99	64.88	66.26	74.3	91.53	7.82	67.97	79.72	92.99
2021-06-04	120.23	8.36	95.95	105.66	122.93	87.24	4.08	65.26	66.7	74.22	90.27	6.96	68.96	79.05	91.04
2021-06-11	121.27	9.29	96.7	109.02	125.75	88.87	4.57	65.51	67.15	75.19	91.8	7.16	69.04	79.86	91.84

2021-06-18	120.99	9.92	96.12	111.38	127.28	81.34	3.81	65.48	66.93	72.75	89.26	7.27	69.66	79.4	91.97
2021-06-25	121.11	8.96	95.54	111.98	124.49	86.39	3.86	65.61	66.52	71.42	88.53	7.16	67.84	75.51	89.69
2021-07-02	122.16	9.61	96.16	109.55	126.89	90.95	3.9	65.6	66.6	71.13	89.86	7.36	67.21	74.08	90.1
2021-07-09	123.04	10.3	96.9	111.84	129.38	90.24	3.98	65.74	67.18	72.64	87.8	5.5	72.38	79.52	89.76
2021-07-16	122.81	10.2	95.68	110.68	128.98	81.74	4.47	65.4	66.18	75.17	88.1	7.51	67.01	74.83	91.03
2021-07-23	124.57	10.16	98.57	113.38	131.37	82.98	3.98	65.88	67.11	73.39	89.08	7.28	68.75	78.03	91.98
2021-07-30	122.33	10.04	95.91	110.28	128.15	83.06	3.87	64.34	66.48	71.18	89.95	6.59	70.74	81.46	90.54
2021-08-06	125.7	10.39	98.72	113.61	131.95	84.54	3.7	63.98	64.92	72.26	87.6	6.69	68.5	76.95	90.08
2021-08-13	123.5	9.47	96.92	112.48	128.01	85.43	3.11	64.03	64.82	68.11	89.08	7.03	67.58	75.13	89.83
2021-08-20	125.98	10.54	97.82	111.71	133.02	85.04	4	64.28	65.46	70.11	88.01	6.46	69.49	76.91	89.47
2021-08-27	120.96	9.43	96.18	108.06	126.73	77.22	3.57	63.99	65.08	69.78	88.58	6.98	68	78.6	90.94
2021-09-03	126.63	10.75	97.97	112.1	133.03	78.49	4.13	63.84	64.34	74.62	89.39	7.52	67.86	74.35	91.51
2021-09-10	123.76	9.02	98.67	111.95	128.17	87.78	4.93	63.85	64.57	76.31	90.26	8	67.54	76.88	92.39
2021-09-17	124.97	9.53	99.89	113.9	130.77	95.81	5.19	64	65.28	76.39	91.12	8.72	67.66	79.37	94.39
2021-09-24	124.39	9.77	99.4	114.68	130.65	82	4.39	64.03	67.94	75.64	89.87	7.58	70.04	84.2	93.96
2021-10-01	127.34	10.32	101.34	118.4	133.9	81.91	4.96	63.88	66.06	77.87	90.65	7.71	67.96	80.4	93.13
2021-10-08	123.07	7.39	99.03	109.16	122.26	91.42	4.84	65.85	69.99	74.86	91.77	6.44	72.86	83.82	93.26
2021-10-15	121.98	8.25	97.94	111.44	125	81.76	3.97	66.63	71.02	78.59	90.67	5.96	74.39	85.68	93.26
2021-10-22	125.71	6.94	107.33	117.78	130.29	84.08	4.07	66.48	71.28	78.36	93.6	6.13	74.08	87.29	95.21
2021-10-29	121.99	7.05	101.19	111.38	123.78	88.67	3.49	66.97	71.48	75.21	92.47	5.47	77.68	87.6	95.65
2021-11-05	125.58	7.89	101.76	113.83	127.45	90.78	3.63	68.54	71.73	77.58	93.22	4.44	80.79	87.86	94.3
2021-11-12	122.86	8.15	98.52	109.81	125.3	86.17	3.92	67.06	71.02	77.17	95.02	5.36	78.78	86.55	94.93
2021-11-19	122.02	8.86	95.07	106.43	123.28	77.94	3.62	65.61	70.21	74.7	91.55	6.77	70.55	84.65	93.07
2021-11-26	123.04	8.99	95.63	112.39	124.08	82.09	4.05	66.33	71.05	77.99	91.39	5.98	75.52	85.04	94.98
2021-12-03	124.68	9.06	98.07	113.23	125.92	85.15	3.8	65.62	70.85	73.7	93.25	6.44	72	85.64	91.49
2021-12-10	124.38	7.36	101.44	113.88	125.93	86.13	3.55	65.66	71.32	75.61	92.48	5.64	75.56	87.06	94.49
2021-12-17	123.76	8.29	98.08	107.68	124.29	78.38	3.19	67.22	71.44	75.1	92.44	4.95	78.55	87.47	94.91
2021-12-24	121.02	7.85	97.48	107.56	122.54	76.83	3.02	67.07	71.4	74.88	90.56	4.63	78.16	86.02	92.23
2022-01-01	120.22	8.45	96.84	111.65	123.52	78.5	3.54	65.68	71.14	76.95	91.54	5.65	75.92	86.99	93.9
2022-01-08	121.5	7.65	99.96	111.29	124.86	85.02	4.35	66.26	71.31	78.76	93.29	5.34	78.72	87.93	96.07

2022-01-15	121.32	8.63	95.92	107.47	123.39	88.17	4.5	65.32	69.53	76.76	92.17	6.96	70.22	83.7	94.01
2022-01-22	121.82	7.68	98.02	110.36	122.7	82.8	3.29	65.46	71.66	72.77	92.06	5.38	73.8	86.78	92.15
2022-01-29	123.13	8.19	98.4	110.44	124.72	79.54	3.99	65.84	70.32	75.25	92.01	5.97	75.23	84.38	93.88
2022-02-05	121.94	7.16	100.69	111.26	123.6	86.64	4.12	65.17	67.91	73.13	90.13	7.28	69.57	82.09	92.33
2022-02-12	121.84	8.79	95.71	108.22	123.35	80.1	3.75	65.26	68.72	72.17	90.47	6.71	69.98	82.56	92.2
2022-02-19	120.73	8.62	96.5	108.5	123.62	78.31	3.83	65.22	70.31	72.86	91.12	7.03	68.7	84.47	92.07
2022-02-26	121.39	8.17	98.79	111.31	124.82	76.47	3.65	65.88	70.43	76.4	90.92	5.81	75.95	85.25	94.25
2022-03-05	124.45	9.64	93.52	107.44	125.54	81.51	4.24	65.1	66.31	72.9	93.12	8.07	68.2	80.12	95.72
2022-03-12	121.98	8.53	94.7	107.18	123.61	74.65	3.78	63.98	69.19	75.01	91.12	6.53	71.99	86.49	93.28
2022-03-19	123.32	7.73	98.99	106.44	123.57	78.25	3.96	64.34	69.7	75.62	93.22	5.76	75.22	86.51	93.67
2022-03-26	123.56	9.02	94.1	104.48	124.06	78.54	4.1	63.71	66.87	73.15	92.2	7.05	69.71	81.96	93.62
2022-04-02	122.55	8.65	97.76	108.1	125.7	76.27	3.2	65.93	69.88	75.52	92.06	4.94	79.34	88.06	95.17
2022-04-09	123.12	8.93	93.85	103.58	123.49	87.07	4.23	63.6	68.14	73.13	91.46	7.48	68.33	83.94	92.85
2022-04-16	120.35	8.66	93.5	106.17	121.89	77.12	4.21	63.81	68.19	74.76	89.91	6.82	70.79	83.87	91.5
2022-04-23	121.2	8.02	96.29	106.28	123.53	80.81	4.38	63.64	65.05	73.89	89.93	7.92	67.78	78.03	92.29
2022-04-30	121.58	7.83	97.07	107.1	122.66	78.44	4.4	64.03	68.01	76.27	90.42	6.58	71.27	82.59	91.96
2022-05-07	123.69	8.7	96.09	106.62	125.29	80.59	4.25	64.09	67.35	75.63	92.26	6.5	72.87	82.98	94.5
2022-05-14	122.92	8.33	97.44	110.61	125.08	88.87	4.43	63.91	68.27	75.13	92.42	6.96	71.85	84.59	94.86
2022-05-21	123.76	8.96	94.64	106.93	123.53	80.67	3.98	63.73	64.91	73.07	90.19	7.4	68.87	77.3	91.07
2022-05-28	122.65	8.01	98.21	108.23	123.96	79.8	4.35	63.62	65.04	73.28	90.55	7.92	68.19	78.17	92.09
2022-06-04	122.35	8.01	97	108.44	122.86	86.63	4.69	63.81	66.14	76	91.7	7.48	68.26	80.83	91.11
2022-06-11	120.78	8.56	96.72	111.23	125.38	85.99	4.12	64.3	66.21	71.53	88.86	6.57	69.52	79.91	90.47
2022-06-18	120.4	7.96	96.32	107.58	121.83	86.34	4.17	63.61	64.37	70.07	90.81	7.61	67.48	76.39	91.53
2022-06-25	120.29	8.59	94.94	108.66	122.14	88.81	5.04	63.79	65.12	70.77	89.66	7.19	68.23	78.45	91.23
2022-07-02	120.35	8.18	96.86	110.17	123.3	95.42	5.37	64.84	65.83	77.66	93.8	8	67.66	76.46	93.39
2022-07-09	123.29	8.17	99.46	114.85	125.68	87.21	4.49	65.03	66.98	74.85	90.06	7.65	67.95	77.62	91.11
2022-07-16	121.16	8.49	97.35	111.94	123.93	84.39	4.65	65.38	66.68	76.97	89.76	7.89	68.46	78.08	93.95
2022-07-23	121.61	8.85	97.83	113.27	125.96	85.96	4.34	65.22	66.5	74.31	90.28	7.66	68.2	77.06	93.08
2022-07-30	120.77	9.29	96.39	111.6	125.65	83.49	4.08	65.31	66.48	74.2	88.61	7.52	68.47	76.57	92.32
2022-08-06	123.14	8.4	99.81	118.43	127.54	93.13	4.73	65.08	66.01	76.42	91.14	8.74	67.08	78.25	95.06

2022-08-13	122.14	8.93	98.97	115.11	127.38	91.47	5.13	65.35	66.35	77.41	90.32	8.63	67.67	78.96	94.8
2022-08-20	123.04	9.39	98.72	114.61	128.22	87.79	4.69	64.93	65.42	74.41	89.01	7.89	67.67	77.46	92.75
2022-08-27	121.02	10.11	95.65	108.71	126.75	80.69	3.82	64.95	65.41	70.51	89.11	7.08	68.14	76.21	90.13
2022-09-03	122.46	9.41	98.23	113.38	128.35	79.17	3.76	65.04	66.03	71.64	89.23	6.93	68.64	79.17	89.63
2022-09-10	121.11	9.69	96.39	110.55	126.6	84.94	4.21	65.07	65.54	72.19	90.58	7.93	67.81	76.28	92.09
2022-09-17	121.99	9.2	98.17	113.72	127.73	87.92	3.96	64.99	65.42	71.06	89.72	7.86	67.52	76.24	93.46
2022-09-24	122.22	9.57	96.84	112.32	126.47	91.19	4.28	65.03	65.39	72.93	92.66	7.58	66.85	73.84	89.94
2022-10-01	121.77	9.06	97.69	113.07	126.58	81.26	3.6	64.99	65.47	69.27	87.52	7.1	66.8	73.31	89.05
2022-10-08	121.58	9.52	96.87	112.76	126.92	82.28	3.68	65.22	65.84	71.43	88.44	7.7	67.63	76.2	91.41
2022-10-15	122.83	8.73	96.07	107.88	124.2	84.52	4.45	64.13	64.99	70.47	88.81	7.66	68.67	76.66	90.48
2022-10-22	122.48	8.61	97.87	109.42	125.5	76.71	4.21	64.19	68.59	75.98	91.15	6.65	71.72	83.73	94.03
2022-10-29	123.74	7.69	101.09	111.99	126.41	76.77	4.69	64.28	68.98	78.19	91.88	6.84	72.41	83.65	95.52
2022-11-05	121.47	8.86	96.9	108.8	125.31	74.39	3.12	64.68	69.26	72.54	90.37	6.19	73.41	86.52	93.16
2022-11-12	122.66	8.53	97.77	106.96	124.24	77.64	3.16	64.47	69.79	71.05	91.41	5.34	74.31	87	91.3
2022-11-19	121.71	8.93	96.33	106.94	125.58	77.2	2.77	67	69.88	73.28	90.57	3.89	81.54	86.96	91.56
2022-11-26	123.44	8.7	98.74	109.12	126.33	77.75	3.6	64.27	68.94	72.54	91.63	7.03	70.89	85.75	94.49
2022-12-03	123.63	9.29	96.92	106.93	125.9	81.03	3.52	64.45	68.89	72.03	91.58	6.76	71.29	86.84	93.25
2022-12-10	122.7	9.73	94.72	106.76	126.46	75.14	3.61	64.19	66.12	71.59	90.07	7.91	68.87	80.9	94.51
2022-12-17	121.59	9.06	95.35	105.47	124.89	76.76	3.09	64.14	69.3	71.43	90.92	5.56	76.2	88.44	93.92
2022-12-24	124.54	8.51	100.26	110.37	127.45	74	2.72	65.63	69.91	73.39	91.64	4.8	79.79	88.79	95.14
2023-01-01	124.73	9.34	98.16	110.2	128.17	79.85	3.15	65.34	69.72	72.14	92.93	4.8	78.68	88.2	93.48
2023-01-08	122.74	8.72	99.63	110.57	127.32	74.23	2.67	67.57	70.34	74.18	91.97	3.89	82.67	88.24	95.42
2023-01-15	122.78	8.95	99.27	111.12	127.21	83.75	3.94	64.78	69.45	75	92.56	6.01	74.94	85.4	95.21
2023-01-22	122.59	8.85	98.66	109.34	126.74	77.87	4.38	63.95	65.66	73.93	89.66	7.42	68.72	80.51	92.54
2023-01-29	121.78	9.33	95.64	105.64	125.94	81.75	3.53	64.74	69.9	72.7	91.86	5.19	76.65	86.86	93.51
2023-02-05	123.04	8.7	97.78	108.67	125.94	79.14	3.21	65.29	69.87	73.7	92.27	5.41	78.05	87.02	94.71
2023-02-12	122.68	8.73	96.3	108.2	125.1	76.24	4.01	63.87	67.88	73.69	90.98	7.81	68.2	84.47	93.2
2023-02-19	124.36	8.86	98.21	108.05	127.04	77.29	3.09	66.13	69.55	71.47	93.01	4.54	80.3	87.09	93.6
2023-02-26	124.66	8.4	96.87	106.79	124.12	79.65	3.6	64.38	69.72	73.91	92.07	6.2	73.86	86.06	93.9
2023-03-05	120.64	8.94	96.22	105.55	124.61	74.69	3.38	64.08	68.71	72.28	89.15	6.11	73	84.73	92.52

2023-03-12	124.24	8.55	94.71	105.79	122.79	85	4.2	64.67	68.86	74.04	89.88	6.56	71.12	84.23	92.77
2023-03-19	122.04	9.73	95.26	109.24	126.24	77.63	4.14	64.6	67.56	74.59	90.53	7.82	68.03	81.26	92.01
2023-03-26	120.43	8.69	94.99	106.93	122.81	79.53	3.84	64.65	66.98	73.83	89.69	7.12	70.22	81.48	92.93
2023-04-02	121.67	8.84	94.35	109.94	123.8	86.46	4.11	64.74	68.71	73.69	90.5	7.53	69.26	83.71	91.81
2023-04-09	122.67	7.74	100.32	114.72	125.88	78.74	4.01	64.59	67.96	73.94	91.32	7.48	68.63	82.98	93.45
2023-04-16	122.48	6.88	102.44	116.63	124.75	77.82	3.26	65.36	70.39	74.58	91.41	5.84	74.56	86.89	93.64
2023-04-23	123.19	9.57	95.08	110.93	124.9	86.97	4.41	64.46	67.03	75.64	89.97	7.27	68.32	80.66	91.24
2023-04-30	121.66	8.69	97.32	112.6	124.12	78.69	3.42	64.42	65.06	69.23	89.58	7.01	68.66	77.15	90.21
2023-05-07	121.5	7.98	97.96	114.22	123.47	81.18	3.61	64.41	64.97	68.64	89.93	7.17	68.68	76.26	91.34
2023-05-14	121.11	8.73	94.65	113.92	123.76	79.05	3.16	64.46	65.1	68.66	88.46	7.25	67.75	76.86	89.97
2023-05-21	122.2	7.76	98.85	114.01	124.66	83.58	3.83	64.44	64.93	69.13	89.7	7.63	67.07	76.75	91.32
2023-05-28	122.94	8.94	96.91	109.66	126.57	86.23	3.86	64.46	66.84	70.32	90.28	6.62	70.02	81.16	90.44
2023-06-04	123.88	8.61	101.69	113.97	129.59	88.79	4.27	64.46	66.51	72.36	90.86	7.17	69.53	79.97	91.1
2023-06-11	119.99	8.88	95.39	108.74	124.71	82.52	3.52	64.35	65.62	70.44	90.4	6.84	68.22	78.72	89.87
2023-06-18	121.15	9.02	96.98	110.27	126.47	85.28	3.88	64.56	65.88	72.05	89.46	6.3	69.88	79.04	90.53
2023-06-25	121.77	8.51	94.51	104.13	122.01	83.98	3.96	65.15	67.34	71.79	89.9	6.98	68.91	79.21	91.27
2023-07-02	118.4	8.13	94.2	104.1	120.06	78.59	3.73	63.24	64.04	67.35	88.31	6.32	69.05	76.7	89.43
2023-07-09	119.19	7.44	95.35	102.96	118.97	84.81	4.63	62.96	64.25	71.98	90.97	8.08	69.09	78.32	94.67
2023-07-16	118.41	7.57	96.01	105.67	120.48	81.91	4.01	62.61	63.28	69.83	90.39	7.31	70.68	78.59	93.74
2023-07-23	119.26	8.11	94.52	103.15	120.88	76.95	4.16	62.77	63.87	73.03	91.5	7.9	68.45	76.99	93.27
2023-07-30	119.81	7.93	94.95	104.83	120.37	80.82	4.29	63.06	64.35	71.42	92.49	7.95	69.03	76.75	94.04
2023-08-06	120.26	8.09	93.08	101.95	119.05	100.32	6.7	63.02	63.74	79.52	88.95	7.53	68.55	74.64	92.23
2023-08-13	118.82	8.35	94.68	103.75	121.47	88.55	4.75	62.82	63.42	69.21	88.43	6.69	69.26	76	90.31
2023-08-20	117.11	8.39	93.06	103.06	119.87	85.79	3.95	62.8	63.74	68.07	88.43	6.93	69.05	78.47	90.94
2023-08-27	121.33	8.79	93.21	104.17	121.4	82.89	3.92	62.7	63.06	72.16	89.16	7.33	68.42	75.27	91.12
2023-09-03	118.87	8.08	96.05	104.31	122	83.86	4.58	62.73	63.14	71.75	89.72	7.68	67.97	75.61	92.33
2023-09-10	119.98	7.95	95.44	103.07	120.51	84.73	4.06	62.72	63.05	70.52	88.89	7.22	68.46	76.33	90.78
2023-09-17	120.33	8.62	95.94	105.72	123.92	81.2	4.14	62.61	63.37	71.23	89.4	7.29	68.53	78.2	90.75
2023-09-24	119.31	7.98	98.45	109.14	123.77	78.03	3.87	63.38	67.49	72.14	90.55	6.84	72.33	84.98	93.26
2023-10-01	121.88	9.07	94.3	104.91	123.57	92.86	4.62	63.09	63.99	72.29	89.03	7.72	68.08	77.71	91.91

2023-10-08	121.64	8.44	97.55	109.43	125.67	77.2	3.51	61.42	65.46	69.94	89.97	6.51	70.33	83.74	91.39
2023-10-15	121.73	8.18	98.66	111.14	124.67	82.61	3.73	62.48	66.46	72.36	91.13	4.91	76.77	85.59	93.47
2023-10-22	121.37	9.07	97.03	111.93	125.34	74.04	3.55	61.47	64.81	69.87	87.61	6.26	70.15	81.57	89.81
2023-10-29	121.58	8.35	99.22	113.34	124.94	73.44	2.82	63.1	66.21	68.31	89.71	4.76	79.48	85.54	93.87
2023-11-05	124.8	8.44	100.33	113.94	126.93	81.02	4	62.38	66.38	74.97	91.44	5.71	75.22	85.39	95.09
2023-11-12	123.44	9.21	98.75	114.1	127.61	78.12	4.29	61.16	64.54	72.28	90.35	7.29	68.55	82.32	91.97
2023-11-19	122.8	8.64	99.55	114.71	127.06	76.06	3.81	61.38	65.1	70.9	90.28	6.64	71.19	83.24	91.12
2023-11-26	124.79	9.35	99.95	116.71	129.54	74.47	3.02	62.98	66.63	70.21	92.11	4.63	78.39	85.65	92.76
2023-12-03	125.28	9.61	98.76	115.89	129.43	75.5	4.08	61.25	65.84	72.1	91.31	6.85	71.34	84.27	94.99
2023-12-10	125.92	10.4	99.08	114.95	131.73	75.77	3.65	61.27	66.71	71.34	89.42	6.54	71.4	86.5	92.34
2023-12-17	124.95	10.23	98.23	112.93	130.91	77.12	3.67	61.31	66.44	69.98	90.59	6.28	71.94	85.15	92.02
2023-12-24	123.95	8.37	101.53	115.63	128.25	75.19	2.64	64.76	67.02	69.96	90.77	3.33	82.76	87.58	93.29
2024-01-01	123.72	9.04	99.61	110.79	128.36	76.73	3.41	62.12	66.84	70.84	89.68	5.28	75.51	86.18	91.91
2024-01-08	125.3	9	102	114.61	130.86	74.7	3.5	62.38	66.37	69.8	92.3	4.76	78.86	87.97	95.02
2024-01-15	123.5	8.85	99.64	110.65	128.43	73.64	2.98	61.95	67.06	68.55	91.81	4.53	81.27	87.78	93.8
2024-01-22	125.66	10.21	98.4	110.95	131.83	74.13	3.82	61.78	66.94	73.54	89.88	5.37	74.94	85.34	92.39
2024-01-29	124.95	9.74	99.04	112.79	130.82	73.77	3.99	61.09	66.26	72.67	90.11	6.36	71.38	84.18	92.24
2024-02-05	124.65	10.58	95.8	110.24	130.71	74.87	3.96	61.01	63.91	69.55	89.32	7.06	68.71	80.92	91.76
2024-02-12	124.9	10.35	98.9	111.97	131.98	73.58	2.89	62.52	66.36	67.89	88.73	4.52	76.96	85.87	90.24
2024-02-19	122.74	8.86	97.65	109.32	126.11	73.63	3.51	61.44	65.62	70.12	88.18	5.2	73.99	82.88	89.91
2024-02-26	124.27	9.58	98.66	110.74	129.93	78.21	3.65	63.17	66.81	72.45	93.94	5.36	78.51	86.92	95.52
2024-03-04	121.95	9.31	95.05	104.87	125.64	90.73	4.18	62.48	66.83	71.39	92.31	7.44	70.25	85.32	95.59
2024-03-11	121.29	8.26	97.96	107.7	124.38	74.76	3.52	62.8	66.97	71.43	90.17	6.6	71.91	84.81	93.53
2024-03-18	121.63	8.09	96.58	104.54	122.3	75.45	3.97	62.75	64.77	71.72	90.63	7.06	69.79	80.72	92.34
2024-03-25	124.11	8.36	96.64	105.06	123.04	75.8	3.79	62.81	65.37	71.14	91.87	7.36	71.18	82.73	93.48
2024-04-01	120.25	8.59	94.91	105.13	123.1	80.6	3.82	62.81	64.21	70.81	90.77	7.11	69.91	80.06	93.47
2024-04-08	121.66	9.19	95.72	108.45	124.59	80.26	3.94	62.61	63.67	71.22	91.19	8.08	68.92	80.41	93.43
2024-04-15	122.7	8.69	95.98	106.5	124.15	76.24	3.47	62.72	65.68	68.46	91.54	6.86	71.3	84.91	92.82
2024-04-22	121.48	8.48	95.98	108.88	124.35	74.61	4.01	62.65	64.89	72.46	89.9	7.31	69.33	81.17	91.99
2024-04-29	121.62	8.79	96.04	108.14	124.24	75.13	3.39	62.41	63.22	68.87	90.44	6.72	69.49	79.26	90.3

2024-05-06	123.23	9.06	96.94	109.16	125.62	80.71	3.43	62.66	64.82	68.48	90.46	6.49	70.34	82.72	91.92
2024-05-13	122.57	8.38	97.37	106.84	123.38	73.25	3.07	62.67	65.63	68.12	91.22	5.9	72.44	83.6	91.43
2024-05-20	123.06	9.42	94.66	106.92	125.33	92.92	4.82	62.57	65.36	75.15	92.08	6.91	70.38	81.62	92.11
2024-05-27	120.17	8.45	95.41	105.27	121.96	83.88	4.32	62.32	64.25	73.81	90.56	6.44	71.3	81.34	91.66
2024-06-03	122.65	9.78	95.97	110.62	127.4	89.33	4.21	62.98	65.43	73.12	92.62	7.06	72.12	83.08	94.35
2024-06-10	122.27	9.06	96.08	107.14	125.35	81.64	4.21	63.12	65.51	74.11	94.22	7.23	70.19	81.29	94.32
2024-06-17	121.46	8.99	96.23	107.87	125.48	78.4	3.73	62.68	64.09	68.55	90.25	6.61	70.7	78.95	92.42
2024-06-24	119.53	9.15	95.16	105.94	124.95	78.89	3.99	62.39	63.24	72.09	90.06	6.81	68.92	77.49	91.19
2024-07-01	122.96	8.58	94.07	104.73	121.3	86.58	6.06	63.69	65.8	75	88.49	6.55	69.69	77	90.93
2024-07-08	119.31	8.66	93.64	101.95	121.43	81.63	3.38	68.16	69.71	73.9	90.62	6.75	70.27	78.25	91.41
2024-07-15	119.96	8.27	93.94	102.67	120.17	93.28	3.93	68.38	70.4	75.63	89.9	7.46	69.47	79.1	93.04
2024-07-22	120.65	9.08	92.81	102.31	121.59	92.82	5.17	68.57	70.2	80.49	91.72	7.57	69.63	79.13	94.36
2024-07-29	121.01	8.48	93.8	101.78	121.14	84.61	4.24	68.23	69.31	79.27	91.49	8.42	68.36	77.2	95.19
2024-08-05	118.25	8.86	92.22	101.33	120.44	89.39	4.09	68.47	69.35	76.77	89.73	8.02	68.3	77.06	93.65
2024-08-12	119.29	8.52	93.62	103.02	121.65	81.55	4.14	68.26	68.94	79.1	90.16	8.04	68.13	76.73	93.41
2024-08-19	118.88	8.51	94.02	102	121.24	84.63	5.14	68.3	69.9	82.16	89.93	7.32	69.27	80.57	93.54
2024-08-26	119.26	8.69	94.45	102.88	122.58	84.41	4.29	68.14	69.11	78.89	91.28	7.93	68.37	79.53	93.91
2024-09-02	120.55	8.59	94.43	102.2	121.88	81.93	3.8	68.01	68.4	74.25	87.55	7.01	68.98	75.39	90.99
2024-09-09	118.9	8.9	92.18	101.37	121.07	93.38	4.85	67.94	68.41	79.7	89.6	7.99	67.77	74.36	92.1
2024-09-16	119.71	8.99	92.55	102.1	121.9	98.29	4.4	68.03	68.43	74.72	90.09	7.53	67.69	74.31	91.6
2024-09-23	121	8.71	95.74	104	123.65	96.03	5.02	68.19	70.13	81.65	92.4	8.22	68.52	81.08	94.65
2024-09-30	119.87	9.07	94.63	104.03	124.37	81.9	4.29	68.29	70.45	80.21	91.33	6.99	71.74	81.21	94.52
2024-10-07	123.01	8.61	96.19	104.92	123.46	92.5	4.33	65.91	70.14	75.56	92.27	6.73	70.33	82.04	91.67
2024-10-14	122.58	8.19	99.2	109.97	125.81	80.05	4.62	65.03	67.2	77.56	89.7	8.13	68.98	80.78	94.32
2024-10-21	123.24	8.16	98.58	110.65	125	81.28	4.2	65.29	67.59	76.04	91.19	8.39	67.16	79.87	93.25
2024-10-28	123.63	8.38	99.9	112.48	127.08	78.46	3.9	65.14	70.33	76.16	90.23	6.58	69.67	84.2	92.7
2024-11-04	123.41	7.44	101.31	112.37	125.85	87.9	4.11	64.93	69.78	77.21	90.56	6.76	70.48	83.61	94
2024-11-11	123.6	7.79	103.04	116.64	128.14	79.66	3.85	65.52	70.65	76.35	91.29	6.45	72.09	85.43	93.84
2024-11-18	128.52	9.74	102.04	114.85	133.86	82.25	4.5	66.06	71.24	79.46	93.06	5.27	78.49	87.36	95.71
2024-11-25	122.41	9.16	96.49	106.88	125.68	80.17	4.28	65.26	68.99	75.16	90.07	6.84	69.1	81.8	92.28

2024-12-02	123.77	8.56	99.46	111.86	126.48	83.49	2.85	69.49	71.37	74.41	90.48	3.5	82.27	85.75	92.53
2024-12-09	126.12	9.12	101.99	114.16	131.26	78.58	3.31	66.04	71.14	73.48	91.31	5.51	75.06	87.27	94.17
2024-12-16	124.77	8.51	101.56	113.44	129.13	81.63	3.34	67.38	71.17	76.08	91.48	4.49	79.39	87.79	94.35
2024-12-23	129.16	8.9	106.13	117.09	135.54	79.56	3.71	67.17	71.05	77.85	91.31	4.83	79.33	86.86	94.78

Table 10c: Swiftsure Bank weekly sound pressure levels (SPL) in decibels (dB). Mean (Avg) and standard deviation (Std), Q₅, Q₅₀ and Q₉₅ levels for rain and commercial vessels are given.

Date	Avg 19500 - 20500 Hz	Std 19500- 20500 Hz	Q5 19500- 20500 Hz	Q50 19500- 20500 Hz	Q95 19500- 20500 Hz	Avg 57-71 Hz	Std 57-71 Hz	Q5 57-71 Hz	Q50 57-71 Hz	Q95 57-71 Hz	Avg 113-141 Hz	Std 113- 141 Hz	Q5 113- 141 Hz	Q50 113-141 Hz	Q95 113-141 Hz
2019-01-01	84.97	5.66	68.91	79.42	88.36	116.21	9.22	88.77	99.55	118.99	110	7.79	87.08	95.67	112.31
2019-01-08	85.5	3.87	75.96	79.72	84.47	116.92	8.38	92.2	100.02	118.42	110.37	7.28	90.46	98.01	113.21
2019-01-15	83.05	4.48	69.67	80.08	84.46	114.78	8.87	89.88	99.57	118.78	107.93	7.21	88.57	96.98	112.3
2019-01-22	84.11	7.04	65.36	76.45	87.12	116.65	9	88.79	99.19	117.93	111.08	8.31	86.15	95.35	112.66
2019-01-29	83.46	4.97	68.97	78.6	85.62	116.69	9.52	87.37	98.79	118.03	107.99	8.65	84.53	94.94	112.33
2019-02-05	83.59	4.77	67.42	77.98	82.88	116.5	9	87.3	97.31	116.83	108.54	8.22	84.57	94.17	111.17
2019-02-12	82.69	5.24	67.19	79.19	83.94	114.71	8.91	88.68	98.56	116.59	108.02	7.92	84.94	94.65	111.37
2019-02-19	85.03	6.49	66.03	74.96	86.96	118.47	9.43	88.56	98.7	118.7	110.18	9.25	84.19	93.79	113.79
2019-02-26	82.15	4.99	67.54	77.62	82.17	117.38	9.9	86.42	96.68	117.67	111.58	9.12	84.89	92.62	113.64
2019-03-05	83.12	6.16	65.08	71.68	83.87	115.87	9.24	88.01	99.27	118.35	110.71	9.15	85.44	94.57	114.53
2019-03-12	84.85	5.86	66.46	77.62	84.43	116.67	8.76	89.86	98.87	117.62	109.76	8.91	83.37	93.74	111.95
2019-03-19	82.72	6.44	65.24	75.2	81.95	114.82	8.99	87.13	98.79	116.79	110.6	9.54	83.09	93.13	113.24
2019-03-26	82.4	6.64	64.77	70.14	82.54	115.16	9.65	86.41	98.06	118.03	111.16	9.4	83.48	94.77	113.92
2019-04-02	85.63	6.52	65.34	77.45	86.89	116.52	9.37	85.34	97.65	116.42	109.47	8.94	83.75	93.68	113.47
2019-04-09	83.12	5.57	67.09	77.42	85.44	116.13	9.73	85.9	97.72	117.79	109.99	9.35	82.44	93.45	112.95
2019-04-16	85.08	7.12	65.6	74.23	88.49	115.6	9.78	85.11	96.77	116.69	109.8	9.69	81.28	91.51	112.2
2019-04-23	83.05	6.52	65.12	76.85	82.76	116.98	10.01	83.74	97.09	117.2	110.31	9.63	81.24	93.67	113.15
2019-04-30	83.02	5.62	64.66	69.44	79.9	112.93	9.72	83.7	95.97	116.13	109.22	9.2	82.52	93.04	112.55

2019-05-07	83.82	5.81	64.74	68.83	78.96	116.14	9.61	87.24	97.8	118.06	110.38	9.4	83.67	95.07	114.01
2019-05-14	84.73	7.01	64.9	72.85	86.46	116.01	9.22	88.3	97.56	117.62	112.41	9.43	85.16	95.29	115.3
2019-05-21	82.21	5.66	65.05	70.48	79.27	115.07	10.23	82.52	96.09	117	109.98	9.62	79.89	92.49	111.74
2019-05-28	83.57	6.27	65.16	70.55	83.63	116.75	9.78	86.8	97.39	118.77	111.87	9.15	85.87	96.05	115.49
2019-06-04	84.88	6.59	65.61	72.54	86.74	114.68	9.37	85.48	96.73	116.07	109.03	8.87	84.41	94.39	112.85
2019-06-11	84.66	5.94	66.17	72.94	84.45	115.78	9.37	86.84	97.1	117.04	110.99	9.24	83.84	94.76	113.6
2019-06-18	85.17	5.65	67.51	73.45	82.44	115.08	9.56	85.6	96.54	116.8	110.65	8.87	83.63	94.95	112.21
2019-06-25	84.1	6.79	66.13	69.84	88.14	113.54	8.88	86.88	97.48	116.18	109.65	8.4	85.41	97.41	112.88
2019-07-02	85.08	5.99	66.28	69.61	84.42	113.14	8.72	87.21	96.91	115.34	109.25	8.57	84.42	97.07	112.31
2019-07-09	84.72	7.26	66.14	70.62	90.18	114.39	9.08	85.85	95.95	115.27	109.27	9.32	81.48	95.22	111.5
2019-07-16	86.46	6.37	67.82	72.2	87.78	114.19	8.98	87.16	96.94	115.98	111.08	8.9	85.02	95.97	113.26
2019-07-23	83.87	5.8	67.12	70.43	85.21	113.44	8.42	88.93	97.72	116.09	108.5	8.48	84.92	96	111.57
2019-07-30	83.13	6.53	66.86	71.8	87.25	113.45	9.17	86.25	96.67	116.02	108.23	8.67	84.72	94.14	112.44
2019-08-06	84.54	6.51	66.23	68.8	86.38	114.78	8.95	86.41	96.23	115.37	108.78	8.56	84.6	94.97	112.11
2019-08-13	85.13	6.33	66.42	68.61	85.65	119.64	9.85	84.99	96.01	116.2	115.52	9.82	82.15	93.82	113.05
2019-08-20	83.21	5.84	66.55	69.1	83.24	116.04	9.96	83.36	94.63	116.32	110.06	9.5	82.38	91.97	113
2019-08-27	84.33	6.15	65.94	68.12	83.52	115.1	9.47	85.34	96.84	116.19	110.41	9.15	84.23	93.35	113.3
2019-09-03	81.93	5.42	65.98	67.38	80.37	113.51	9.73	84.15	95.95	116.39	110.22	9.31	84.13	93.42	113.43
2019-09-10	84.46	7.29	66.15	70.05	87.98	114.43	9.68	84.9	95.67	116.39	111.98	9.36	83.48	93.69	113.57
2019-09-17	84.57	6.64	66.62	73.54	86.64	117.49	9.55	86.95	95.56	116.87	110.31	9.02	84.58	93.09	112.95
2019-09-24	85.75	6.26	66.93	73.76	85.84	118.03	9.61	87.66	98.04	118.66	109.64	8.66	84.8	94.61	113.58
2019-10-01	84.33	6.74	66.11	74.58	87.69	115.91	9.7	83.08	94.85	116	110.99	9.06	83.67	92.74	112.98
2019-10-08	84.08	5.26	66.53	76.52	80.87	115	9.54	86.22	96.55	116.96	110.41	8.88	85.38	94.55	114.03
2019-10-15	84	4.55	73.03	79.12	88.29	115.43	8.57	89.85	98.49	117.71	108.59	7.9	87.14	94.97	112.61
2019-10-22	84.8	6.59	66.59	75.38	87.9	117.03	9.02	89.23	98.81	118.68	109.95	8	88.05	96.24	113.75
2019-10-29	85.54	6.42	65.43	71.53	83.48	115.38	9.75	85.73	96.05	116.88	111.88	9.27	85.16	94.35	114.56
2019-11-05	84.69	6.15	65.46	76.6	83.43	114.77	9.07	87.83	97.9	117.15	110.99	8.43	87.75	95.79	114.13
2019-11-12	84.13	6.23	66.71	79.09	87.26	114.45	9.12	87.57	98.01	117.33	109.36	8.38	85.89	95.76	113.16
2019-11-19	86.34	6.25	66	76.81	86.01	118.11	8.47	91.57	100.49	118.59	110.9	7.84	88.8	97.14	113.97
2019-11-26	86.45	3.98	73.13	79.68	83.61	116.96	9.29	88.4	98.45	118.86	115.35	8.5	88.27	96.87	115.25

2019-12-03	83.14	6.32	65.49	78.08	84.4	114.07	8.96	87.58	97.75	116.47	110.5	8.09	87.39	96.47	113.1
2019-12-10	84.2	6.42	65.88	78.95	86.88	116.56	9.05	88.36	100	118.06	109.09	8.25	85.14	95.54	112.26
2019-12-17	85.07	6.16	66.1	79.58	87.3	116.37	8.46	91.57	100.25	118.31	109.05	7.9	87.83	96.25	113.55
2019-12-24	82.9	4.99	69.02	79.07	85.36	114.9	8.41	90.14	98.98	116.95	109.64	8.07	86.38	94.55	112.28
2020-01-01	85.88	4.34	74.91	80.39	88.68	115.69	8.4	90.19	98.77	116.77	108.27	7.29	88.27	96.14	111.83
2020-01-08	86.58	5.71	67.1	79.84	86.96	118.2	8.69	90.45	101.06	118.9	110.06	7.64	87.97	96.27	112.89
2020-01-15	85.45	3.99	73.14	80.06	85.24	114.52	8.49	90.45	99.63	118.03	109.6	7.42	88.96	96.77	113.19
2020-01-22	85.66	4.03	74.17	79.88	86.32	117.42	8.57	90.47	99.68	117.83	109	7.77	88.34	96.09	113.01
2020-01-29	86.24	6.53	66.39	79.3	88.23	116.3	8.39	89.77	98.87	117.36	109.59	7.86	86.91	96	112.4
2020-02-05	83.27	6.21	66.03	76.72	86.75	113.9	8.57	88.23	99.72	117.03	109.46	7.78	87.2	96.26	112.48
2020-02-12	84.64	6.55	65.15	77.26	84.89	117.2	9.27	87.66	98.19	117.26	109.51	8.58	85.44	93.57	112.69
2020-02-19	84.14	5.17	67.16	78.97	83.94	115.65	8.92	89.29	99.88	118.29	112.44	8.36	87.48	95.79	113.88
2020-02-26	84.06	6.1	65.58	77.59	85.9	116.01	9.28	87.57	98.96	118.29	110.2	9.16	83.22	93.48	113.77
2020-03-04	85.59	7.47	64.85	74.21	88.78	117.6	9.11	88.14	98.51	117.6	109.93	9.38	81.63	93.21	112.23
2020-03-11	84.62	5.53	66.14	78.81	82.92	114.9	8.74	88.05	97.79	116.4	109.39	8.54	83.96	92.72	111.89
2020-03-18	81.49	6.48	64.59	66.09	79.25	109.61	8.82	86.39	96.85	113.23	107.11	9.51	81.63	92.32	112.44
2020-03-25															
2020-04-01															
2020-04-08															
2020-04-15															
2020-04-22															
2020-04-29															
2020-05-06															
2020-05-13															
2020-05-20															
2020-05-27															
2020-06-03															
2020-06-10															
2020-06-17	84.23	4.93	66.25	69.39	78.44	130.28	15.93	89.33	123.8	135.44	131.63	17.96	87.77	130.15	136.55
2020-06-24	86.39	5.61	68.62	74.78	84.79	115.74	9.41	85.03	94.59	115.73	109.13	8.69	83.42	91.63	111.38

2020-07-01	85.14	6.74	67.93	70.94	88.14	114.38	9.43	86	95.54	116.73	110.77	8.88	83.94	93.82	112.36
2020-07-08	85.09	7.05	67.5	70.47	89.28	112.89	9.65	83.38	94.2	115.02	109.63	8.95	82.64	93.5	111.73
2020-07-15	85.96	5.54	68.07	74.25	84.89	117.62	9.25	85.88	95.46	115.28	109.58	8.93	83.57	93.5	112.45
2020-07-22	88.71	5.68	67.6	72.76	84.55	114.41	9.63	84.19	95.61	115.11	110.05	8.94	83.35	93.54	111.29
2020-07-29	83.73	6.3	67.2	69.6	86.1	113.64	8.81	85.84	94.78	114.04	107.97	8.62	83.43	93.53	111.03
2020-08-05	84.74	6.12	68.17	74.27	88.16	111.39	8.83	85.02	94.66	113.94	107.48	8.76	83.55	93.24	111.47
2020-08-12	84.37	5.67	66.65	69.16	83.12	114.51	8.91	85.33	95.88	114.23	108.13	8.63	83.31	92.97	110.55
2020-08-19	84.28	7.18	67.48	71.62	89.15	111.61	8.6	85.71	94.78	113.29	106.66	8.04	83.75	91.93	109.72
2020-08-26	82.84	5.84	67.09	71.07	82.26	112.62	9.03	85.82	96.32	115.61	107.98	8.58	83.87	92.62	111.64
2020-09-02	81.81	5.02	66.75	69.34	79.34	113.87	9.66	83.62	95.44	114.67	107.36	9.32	81.44	91.42	111.68
2020-09-09	81.45	6.33	64.72	69.47	83.08	115.18	9.77	83.02	93.73	114.81	114.63	9.23	81.66	91.1	111.08
2020-09-16	84.21	6.43	64.81	67.43	84.19	114.08	10.05	81.55	94.44	114.79	110.26	9.28	81.27	91.24	110.91
2020-09-23	83.41	5.79	67.17	76.43	86.9	114.7	9.18	86.36	95.82	115.86	107.92	8.33	84.9	92.33	111.19
2020-09-30	82.05	6.02	65.06	66.42	80.31	114.81	9.46	85.54	95.31	115.77	109.69	9.01	82.99	91.87	112.19
2020-10-07	84.08	7.6	65.39	75.58	87.47	115.44	9.23	87.05	96.37	116.68	109.67	8.23	85.76	94.25	112.08
2020-10-14	83.83	6.04	66.97	75.92	86.07	115.58	8.92	87.62	96.63	116.37	109.84	8.17	86.33	94.22	112.66
2020-10-21	83.65	4.96	68.61	77.58	83.28	116.57	9.37	87.66	98.45	118	113.43	8.31	86.97	96.17	113.81
2020-10-28	84.48	5.49	68.65	77.78	89.54	113.77	8.48	88.98	99.2	116.89	110.82	7.87	86.86	95.53	112.14
2020-11-04	86.91	5.44	69.73	77.54	86.17	116.87	8.82	91.19	100.8	119.82	109.11	7.75	87.98	96.85	113.1
2020-11-11	85.78	4.94	73.09	80.68	90.21	117.71	8.65	93.83	104.03	121.6	109.24	6.99	91.02	97.65	113.29
2020-11-18	85.63	5.65	68.94	79.55	88.97	116.16	9.04	90.06	101.36	119.56	110.59	7.51	88.52	97.08	113.3
2020-11-25	84.75	4.99	71.35	80.7	87.87	116.22	8.34	93.03	102.15	120.33	108.04	6.98	89.23	97.15	111.14
2020-12-02	85.86	4.42	73.73	80.7	88.02	117.29	8.41	92.36	102.15	120.13	110.59	7.38	89.16	97.48	112.63
2020-12-09	86.43	6.26	68.18	79.82	89.5	117.16	7.53	94.98	103.24	119.42	109.85	6.73	91.19	98.72	113.17
2020-12-16	86.32	5.38	71.62	81.24	90.16	117.18	8.59	92.63	102.34	120.69	108.01	7.63	86.76	95.55	111.98
2020-12-23	84.82	4.24	71.84	81.15	85.91	114.58	7.92	90.16	99.2	115.61	107.72	7.47	86.65	93.95	110.77
2021-01-01	86.46	4.26	73.51	81.04	86.54	116.7	7.95	94.64	104.09	121.11	106.48	7.41	86.97	94.77	111.31
2021-01-08	86.64	4.74	73.77	81.28	89.61	116.22	8.07	92.68	102.56	119.12	109.37	7.7	87.04	95.04	111.69
2021-01-15	89.36	5.87	68.71	78.51	86.94	115.21	8.52	89.55	99.69	117.21	110.3	8.64	85.11	93.79	112.24
2021-01-22	86.12	5.91	68.14	78.23	86.58	114.15	8.38	89.32	99.54	116.98	109.43	8.48	85.18	93.61	111.94

2021-01-29	85.53	5.41	69.6	79.68	87.58	114.54	8.62	88.48	98.27	116.44	107.15	8.56	83.23	91.18	110.71
2021-02-05	88.21	5.77	67.93	79.88	86.84	117.05	8.91	90.32	99.95	118.56	110.73	8.17	87.82	95.12	113.88
2021-02-12	84.15	3.36	74.81	81.16	83.72	113.55	8.06	90.4	99.84	116.44	108.14	7.36	88.06	94.6	111.33
2021-02-19	89.19	5.08	73.14	80.71	89.03	116.83	8.35	91.59	99.97	118.31	109.02	8.28	85.51	93.72	112.01
2021-02-26	86.44	5.41	70.02	77.7	86.04	118.39	9.23	89.71	99.81	120.01	112.42	8.73	84.72	94.57	113.63
2021-03-05	85.41	6.53	65.96	79.3	87.92	116.38	9.3	86.74	98.75	118.44	109.89	8.54	84.64	95.04	113.72
2021-03-12	85.75	7.12	64.75	73.65	83.98	117.81	9.69	86.48	97.64	118.07	109.99	9.03	83.07	94.07	112.85
2021-03-19	89.46	4.99	68.65	79.29	85.24	117.3	9.56	86.25	97.68	117.8	110.57	8.51	84.27	93.64	112.41
2021-03-26	86.07	6.22	65.92	75.54	84.12	117.36	9.11	88.25	97.92	118.5	110.44	8.95	84.04	94.33	113.09
2021-04-02	84.47	6.4	64.88	75.15	82.64	117.42	9.53	85.87	96.81	116.29	109.8	9.26	82.76	92.59	112.57
2021-04-09	83.53	6.89	64.84	71.87	82.13	118.03	9.43	85.83	96.01	116.49	110.74	9.25	82.4	92.41	112.67
2021-04-16	83.66	6.06	64.17	66.55	79.64	115.23	9.39	85.4	95.51	115.86	110.72	9.45	81.94	92.2	111.93
2021-04-23	85.39	7.24	64.63	68.34	85.73	116.02	10.28	82.42	94.37	116.09	110.85	10.1	79.19	90.71	112.03
2021-04-30	83.63	6.7	64.79	73.61	85.36	117.32	9.54	86.76	96.26	117.07	110.44	9.25	82.61	92.25	112.24
2021-05-07	84.52	6.23	64.86	72.96	83.1	118.23	10.1	84.62	95.24	117.73	111.31	9.32	83.38	92.26	112.95
2021-05-14	83.23	5.82	66.12	71.84	82.54	116.65	9.58	85.31	96.43	116.44	110.62	8.75	83.07	92.69	111.33
2021-05-21	84.67	7.39	64.9	71.05	86.8	116.66	9.64	85.9	96.37	117.39	109.82	9.55	81.98	91.56	112.34
2021-05-28	83.77	6.74	64.81	71.46	84.42	120.59	9.4	87.88	97.84	117.92	110.7	9.07	84.22	93.47	113.26
2021-06-04	83.52	6.47	65.02	71.46	83.98	112.64	8.89	86.68	96.42	115.41	109.33	8.89	83.69	92.15	111.83
2021-06-11	85.72	6.71	65.78	72.66	86.2	113.1	9.02	86.81	97.03	115.97	109.42	9.07	83.41	91.75	112.01
2021-06-18	81.59	5.98	65.89	70.95	82.58	111.91	8.86	86.88	97.71	115.19	108.07	8.53	84.4	92.75	111.01
2021-06-25	81.7	5.27	65.74	68.16	79.67	112.81	8.84	84.55	96.72	113.97	110.72	8.61	83.53	92.78	110.95
2021-07-02	82.86	5.14	65.57	68.15	79.52	114.53	8.62	86.46	96.28	114.64	109.33	8.89	82.62	91.7	110.75
2021-07-09	80.74	4.76	66.99	71.88	80.1	112.26	8.4	87.1	97.32	114.39	106.27	7.96	84.23	92.44	109.22
2021-07-16	80.6	5.33	65.17	67.57	80.66	110.4	8.93	85.46	96.29	114.03	106.57	8.77	82.44	93.5	110.66
2021-07-23	81.53	5.57	66.43	70.12	81.5	113.5	8.93	86.15	96.95	115.6	107.86	9.03	82.3	92.01	111.32
2021-07-30	81.8	5.68	65.3	72.97	79.77	111.53	8.81	86.01	95.38	114.66	107.84	8.65	83.77	91.89	111.1
2021-08-06	79.91	5.67	64.85	68.3	81.97	113.21	8.9	85.58	96.07	114.83	109.12	8.77	82.18	90.62	110.19
2021-08-13	80.79	4.99	64.48	67.01	77.3	112.56	9.2	85.17	95.23	114.39	106.84	8.97	81.47	91.3	109.88
2021-08-20	79.59	5.18	65.3	68.54	79.5	112.51	8.74	86.34	96.64	114.79	108.61	8.63	83.67	91.69	111.22

2021-08-27	79.99	5.47	64.41	68.99	79.49	112.16	8.98	85.56	95.63	114.84	106.83	8.76	83.05	92.54	111.13
2021-09-03	82.05	6.68	64.29	66.01	85.49	112.58	8.59	87.14	96.75	115.1	108.34	8.76	83.05	92.18	110.41
2021-09-10	82.8	7.2	64.13	67.52	86.55	115.92	8.95	87.27	97.1	116.19	108.25	8.82	84.12	92.89	111.83
2021-09-17	83.45	7.68	64.41	70.64	86.71	114.49	8.89	87.66	97.58	116.36	108.98	8.84	83.79	93.63	112.17
2021-09-24	81.39	6.9	64.56	75.59	86.22	114.11	8.99	88.79	98.64	117.86	110.35	8.14	86.78	94.8	112.79
2021-10-01	83.61	7.53	64.61	72.32	88.49	115.02	8.7	89.5	99.82	118.12	108.42	8.1	86.7	94.7	112.41
2021-10-08	84.28	5.7	67.45	76.93	84.39	116.01	7.74	89.68	98.89	114.48	108.48	6.99	88.52	96.05	111
2021-10-15	84.64	5.86	68.68	79.24	89.79	115.32	8.33	89.34	100.76	116.6	108.14	7.08	87.62	96.61	110.14
2021-10-22	86.95	5.3	68.29	79.55	87.22	116.2	7.64	95.01	106.52	120.33	107.59	6.69	90.02	100	111.87
2021-10-29	83.91	4.59	70.73	79.58	85.3	114.86	7.64	91.32	100.75	115.82	109.42	6.88	89.99	97.01	111.99
2021-11-05	85.65	3.96	74.93	79.84	87.08	118.7	8.49	91.33	102.79	118.99	109.17	7.27	88.44	96.69	111.88
2021-11-12	87.96	4.88	72.16	78.86	87.3	116.58	8.59	88.93	99.61	117.4	113.98	7.6	87.13	95.38	111.79
2021-11-19	84.26	5.99	65.9	77.16	84.45	115.83	9.39	84.88	96.79	114.82	108.12	8.21	83.75	93.11	110.52
2021-11-26	84.16	5.62	69.58	78.7	87.94	115.86	9.12	85.15	100.24	114.77	106.78	8.43	81.73	93.67	109.69
2021-12-03	85.8	5.72	66.35	78.15	82.99	116.24	8.66	88.47	100.23	115.69	109.34	8.18	83.9	93.08	110.1
2021-12-10	84.8	4.97	67.57	79.13	85.6	115.83	7.62	90.89	102.63	116.72	107.63	7.05	87.8	96.84	110.86
2021-12-17	84.99	4.25	72.08	79.36	85.58	115.36	8.66	89.08	97.66	116.06	109.51	8.24	85.51	93.63	111.57
2021-12-24	82.46	4.14	71.43	78.59	84.8	113.52	8.39	87.32	97.21	113.99	106.18	8	83.29	91.67	108.86
2022-01-01	83.54	5.12	67.4	78.86	86.67	112.09	8.39	86.55	99.78	114.58	106.61	7.86	83.16	94.85	109.43
2022-01-08	85.58	5.19	70.26	79.6	88.19	114.41	8.07	90.49	101.1	116.72	109.19	7.3	88.41	97.65	111.8
2022-01-15	84.69	6.34	65.69	76.06	86.55	114.54	9.03	86.12	97.22	115.64	109.27	8.79	83.64	92.65	111.84
2022-01-22	84.11	4.75	66.49	79.11	81.44	114.21	8.56	87.04	98.96	115.25	107.62	8.03	83.69	93.91	109.62
2022-01-29	84.2	5.51	68.34	77.38	84.98	114.64	8.19	88.49	98.16	115.28	108.46	8.44	83.93	93.07	111.18
2022-02-05	82.38	6.4	65.08	73.79	83.26	114.96	7.86	89.93	99.96	115.2	108.13	8.21	83.61	95.47	110.49
2022-02-12	82.86	5.95	65.23	74.9	81.69	114.39	9.19	85.12	97.34	115.36	109.68	9.26	81.96	92.01	110.98
2022-02-19	83.22	6.11	64.91	76.77	81.8	112.52	8.51	85.72	96.38	113.78	108.79	9.01	82.16	91.43	110.59
2022-02-26	83.08	5.57	68.89	77.91	87.35	114.46	8.41	88.71	99.73	116.07	106.02	7.95	83.84	94.21	110.02
2022-03-05	86.3	7.05	64.68	71.2	85.76	116.71	10.04	83.35	97.72	117.32	111.56	10.03	81.12	94.21	113.97
2022-03-12	83.21	5.99	66.49	79.16	85.98	115.86	8.88	86.6	98.06	116.18	108.7	8.4	85.82	93.84	112.34
2022-03-19	86.27	5.61	68.29	79.07	87.04	116.23	8.91	87.4	95.87	115.68	109.42	9.28	82.78	91.97	112.21

2022-03-26	85.51	6.6	65.06	74.89	85.59	116.5	9.88	84.02	95.13	116.32	109.82	9.88	81.13	91.49	112.75
2022-04-02	84.42	4.32	73.43	80.09	87.5	114.27	9.09	87.65	98.83	117.04	110.4	8.44	86.26	94.92	112.84
2022-04-09	84.26	6.68	64.53	76.39	84.64	114.67	9.78	83.02	93.56	115.22	109.54	9	82.94	91.87	112.16
2022-04-16	83.23	6.78	65.53	76.52	86.34	112.95	9.6	83.48	95.81	114.66	108.81	9.69	80.07	92.03	111.1
2022-04-23	82.94	6.9	64.65	70.26	85.34	114.22	9.35	85.23	94.7	115.89	108.23	9.77	80.71	90.8	111.97
2022-04-30	84.65	7.24	65.67	77.22	88.67	114.96	9.33	84.99	95.02	114.94	108.8	9.6	80.97	91.58	111.92
2022-05-07	85.26	6.39	66.64	75.7	88.06	115.96	10.13	84.83	95.16	117.83	108.79	9.12	83.42	91.8	112.56
2022-05-14	84.64	6.35	66.16	77.63	86.53	114.97	9.59	85.93	96.73	117.18	109.41	9.58	82.06	93.74	113.54
2022-05-21	83.31	6.53	65.19	69.35	84.57	116.61	10.41	82.02	93.67	115.61	111	9.74	79.87	91.45	111.51
2022-05-28	83.9	7.15	64.89	71.28	85.56	114.58	9.53	84	94.91	114.82	108.58	9.52	81.62	91.25	111.67
2022-06-04	84.96	7.39	65.18	73.69	87.26	112.44	9.8	83.87	94.86	115.26	109.34	9.91	82.08	92.24	113.76
2022-06-11	81.71	5.28	66.75	72.84	81.8	111.97	9.03	85.11	95.7	114.23	108.74	9.37	81.89	92.5	112.08
2022-06-18	83.08	5.76	64.91	68.19	80.85	112.81	9.47	84.14	93.51	114.21	110.87	9.73	81.66	93.17	113.19
2022-06-25	82.07	5.49	65.24	69.64	80.11	112.51	9.4	83.44	93.4	113.89	112	9.4	81.9	92.01	111.46
2022-07-02	84.66	7.55	64.14	67.38	87.39	112.36	8.27	87.44	96.33	114.1	109.26	8.87	81.91	93.89	111.08
2022-07-09	82.42	6.43	64.12	68.42	82.24	114.27	8.51	88.21	97.99	115.49	108.87	8.86	83.38	92.44	111.15
2022-07-16	81.69	6.15	65.54	68.72	84.56	114.25	8.55	87.57	97.59	114.64	108.5	8.76	83.74	94.49	111.48
2022-07-23	82.68	5.6	65.06	68.69	82.06	112.54	8.05	86.77	96.59	113.06	108.07	8.51	82.87	93.97	110.51
2022-07-30	80.16	5.33	65.14	68.01	80.84	111.51	8.23	86.13	96.41	112.86	107.22	8.83	82.51	93.46	110.74
2022-08-06	82.8	6.38	64.26	67.23	83.5	113.34	8.08	88.02	97.98	114.26	107.94	8.95	82.65	94.83	111.68
2022-08-13	82.45	6.4	64.98	68.14	84.18	111.65	7.86	87.79	97.11	113.39	108.35	8.25	84.36	95.14	110.53
2022-08-20	80.68	5.97	64.16	67	81.2	113.34	8.28	87.35	97.54	114.07	108.21	8.94	83.2	94.68	111.56
2022-08-27	81.55	5.57	64.39	66.63	78.93	111.4	8.39	85.99	95.82	113.04	107.27	8.57	83.44	93.19	111.37
2022-09-03	81.79	6.04	64.58	70.29	80.78	112.38	8.56	87.56	97.26	115.27	111.29	8.49	83.93	93.03	111.23
2022-09-10	81.97	6.2	64.53	66.61	80.76	112.03	8.56	86.88	96.9	114.87	111.19	8.85	85.39	95.44	113.84
2022-09-17	81.78	6.21	64.31	66.52	81.83	111.79	8.49	87.5	97.23	114.92	109.79	8.57	85.65	95.09	113.38
2022-09-24	84.87	6.1	64.43	65.97	82.1	113.2	8.46	87.02	96.01	113.9	110.16	9.2	82.41	93.05	111.63
2022-10-01	79.29	5.09	64.47	66.27	77.17	113.25	8.33	87.3	96.09	114.19	108.3	8.47	83.66	91.69	110.05
2022-10-08	80.8	6.19	64.93	67.82	81.48	112.05	8.53	87.38	97.97	115.14	108.57	8.5	84.57	94.46	111.57
2022-10-15	81.2	6.18	65.81	69.36	81.06	115.04	9.35	84.13	95.71	114.61	108.23	8.87	82.44	92.3	111

2022-10-22	84.75	6.32	67.32	78.28	89.03	115.37	9.61	85.97	97.05	117.02	109.52	8.76	84.09	93.16	111.82
2022-10-29	86.39	7.3	67.68	79.46	91.79	115.85	8.47	89.66	98.42	117.13	108.29	7.78	86.77	94.31	111.41
2022-11-05	82.66	5.08	68.75	79.77	85.23	113.29	8.71	87.11	96.52	115.76	108.23	7.75	85.44	93.8	110.56
2022-11-12	84.41	4.81	68.04	80.07	82.29	116.25	8.95	88.02	96.79	116.46	108.94	7.74	86.8	94.24	110.87
2022-11-19	83.73	3.58	75.32	80.21	85.28	113.26	8.97	86.69	96.66	116.64	108.59	7.75	86.53	94.47	110.75
2022-11-26	84.1	5.76	66.79	78.9	84.81	115.89	8.97	88.42	98.16	118.04	108.91	8.73	83.18	93.23	111.92
2022-12-03	84.84	5.5	67.45	79.8	84.7	115.01	8.91	87.88	96.74	116.65	108.97	7.86	85.88	93.93	111.46
2022-12-10	82.47	6.18	66.45	74.1	84.42	115.52	9.8	84.64	96.72	117.15	107.5	9.17	80.6	92.07	110.47
2022-12-17	82.85	4.89	67.16	79.72	82.62	114.12	8.95	86.35	96.76	115.31	108.28	7.82	84.73	94.53	110.94
2022-12-24	84.13	3.95	73.87	81.28	86.38	115	8.28	89.37	98.58	116.11	106.64	7.77	83.42	92.23	109.04
2023-01-01	86.3	4.19	72.14	80.49	84.41	115.7	9.3	87.4	99.18	118.7	108.28	8.06	85.15	92.74	111.21
2023-01-08	84.43	3.23	77.41	81.23	87.11	115.31	8.89	89.71	99.59	118.6	107.45	8.46	84.88	91.69	111.37
2023-01-15	85.55	5.21	70.31	79.27	87.51	114.77	8.7	88.89	99.43	117.28	109.78	9.44	82.42	92.59	112.65
2023-01-22	82.8	6.6	65.93	73.35	85.77	114.45	8.77	88.05	98.3	116.45	108.98	8.93	82.89	91.91	111.4
2023-01-29	84.99	4.74	70.08	80.03	84.75	114.59	9.5	86.1	96.91	116.67	108.39	8.63	84.4	92.68	112.73
2023-02-05	85	4.64	72.14	80.35	86.65	115.24	8.92	87.94	98.19	116.84	108.65	8.39	83.46	91.62	110.02
2023-02-12	83.83	6.91	65.7	77.44	86.12	115.59	9.11	85.56	97.29	115.99	108.67	9.7	79.75	90.61	110.59
2023-02-19	86	3.88	73.82	80.01	83.83	116.65	9.23	86.88	97.66	117.34	108	8.48	81.89	92.06	110.35
2023-02-26	85.74	5.59	68.35	79.93	86.71	117.02	9.26	85.69	96.34	115.6	106.85	8.7	80.93	91.29	109.12
2023-03-05	81.67	5.47	66.94	78.15	84.78	113.41	9.3	85.99	95.61	116.11	108.09	9.23	81.34	91.5	110.76
2023-03-12	82.43	5.96	66.34	77.27	85.88	116.82	8.91	85.47	94.92	114.45	111.15	8.65	84.78	91.6	111.67
2023-03-19	84.13	7.25	65.5	75.25	87.76	113.82	9.97	85.01	97.05	116.61	109.05	9.44	81.67	93.16	111.98
2023-03-26	82.87	6.43	65.9	74.21	85.46	113.44	9.18	85.08	94.53	113.95	109.8	9.04	83.11	91.69	111.78
2023-04-02	83.87	6.84	65.97	77.07	85.04	114.58	9.87	81.97	95.45	114.94	109.39	9.68	80.52	91.51	112.07
2023-04-09	85.19	6.56	65.63	76.2	84.7	113.53	9.06	86.91	98.8	115.98	109.08	8.52	83.95	93.94	110.99
2023-04-16	83.89	4.81	68.97	80.13	86.07	113.76	9.04	86.63	97.49	115.57	108.72	8.09	84.36	93.79	110.62
2023-04-23	87.29	7.03	65.3	74.13	87.35	115.37	9.51	83.15	94.45	114.23	109.02	9.28	80.2	91.86	110.77
2023-04-30	82.86	5.92	65.15	69.24	80.11	114.17	9.63	83.63	94.73	114.03	109.33	9.75	81.28	91.77	112.19
2023-05-07	82.92	5.94	65.12	67.86	79.9	112.96	9.07	85.05	95.75	114	109.35	9.41	82.69	93.5	112.4
2023-05-14	80.5	5.53	65.38	68.36	79.09	112.72	9.34	83.62	96.75	114.35	109.82	9.41	82.32	93.41	112.44

2023-05-21	82.24	6.03	65.15	68.66	80.99	114.5	8.78	86.54	97.96	114.3	110.17	8.79	84.8	93.38	113.21
2023-05-28	83.23	5.82	65.83	73.55	80.3	114.11	8.94	85.49	95	113.28	109.01	8.3	85.38	93.6	111.27
2023-06-04	83.9	6.58	65.59	73.49	85.15	112.59	8.19	87.77	98.24	113.94	110.1	8.58	85.85	94.32	112.48
2023-06-11	83.09	5.75	65.11	71.11	80.44	111.14	8.59	84.18	94.84	112.04	106.86	8.4	82.4	91.32	109.64
2023-06-18	82.12	5.55	66.23	71.84	82.95	111.61	8.06	87.24	96.46	112.69	107.3	7.87	84.91	93.45	109.96
2023-06-25	83.06	5.28	67.62	71.54	82.88	113.23	8.64	84.89	93.92	112.74	111.1	8.68	82.81	93.43	111.11
2023-07-02	79.14	4.45	65.66	68.5	76.83	108.94	8.65	82.87	92.74	110.89	104.88	8.71	80.76	89.77	108.21
2023-07-09	82.22	5.76	65.1	68.48	82.82	110.89	8.5	83.57	92.89	110.77	106.32	9.01	80.98	94.41	109.64
2023-07-16	81.94	6.13	64.43	67.73	81.73	110.45	8.16	85.56	94.8	112.37	106.24	8.03	83.93	93.59	109.33
2023-07-23	83.33	6.36	64.57	67.76	83.88	112.33	8.82	83.76	93.62	112.1	107.17	8.55	81.34	93.29	109.13
2023-07-30	83.85	5.75	65.04	68.09	82.05	111.41	8.71	84.15	92.89	111.43	107.35	9.34	80.04	91.88	109.57
2023-08-06	81.76	6.63	64.97	66.71	86.53	109.6	8.48	83	92.19	110.36	105.34	8.35	81.72	92.51	108.59
2023-08-13	78.95	4.92	64.8	67.35	77.53	110.72	9.01	83.9	93.77	112.94	106.96	9.15	80.42	90.56	109.54
2023-08-20	80.5	5.45	64.59	68.77	78.98	108.68	8.52	83.89	93.83	111.46	106.83	8.5	81.97	92.06	109.48
2023-08-27	80.85	6.31	64.3	66.02	84.79	112.37	8.97	82.78	93.82	112.76	107.34	8.96	80.28	91.3	109.71
2023-09-03	80.69	5.75	64.29	65.92	80.67	111.24	8.65	85.77	95.08	113.63	107.32	8.67	83.76	92.81	111.25
2023-09-10	80.21	6	64.21	65.99	80.73	111.09	8.26	85.94	93.96	111.94	106.87	8.11	83.71	92.33	109.31
2023-09-17	80.82	6.3	63.91	68.15	82.02	112.16	8.81	86.6	95.33	114.5	107.38	8.6	83.28	92.66	110.93
2023-09-24	81.51	5.93	66.21	76.52	83.92	111.1	8.1	88.94	97.35	114.78	106.46	7.69	86.44	94.84	111.12
2023-10-01	80.46	6.38	65.01	69.01	83.77	113.1	9.14	85.25	94.78	115.05	109.54	8.36	84.09	93.23	111.46
2023-10-08	81.69	5.67	66.05	76.21	83.86	114.07	8.88	88.16	98.12	117.31	108.83	7.66	86.75	95.95	111.17
2023-10-15	83.96	4.81	69.65	78.13	87.01	114.25	8.28	89.1	98.13	116.24	108.41	7.29	88.15	95.95	110.77
2023-10-22	79.89	5.34	65.95	74.24	82.62	112.79	8.24	88.75	97.32	115.71	107.25	7.32	87.4	95.66	110.92
2023-10-29	81.02	3.65	72.54	77.67	82.75	112.81	8	90.32	98.97	116.28	107.59	7.38	88.83	96.21	111.96
2023-11-05	84.59	5.08	71.61	78.22	88.73	116.32	8.31	90.19	98.37	117.17	108.49	6.81	89.17	96.41	110.34
2023-11-12	83.07	6.47	65.31	74.23	85.45	114.9	8.82	88.89	99.11	117.77	108.96	7.77	87.54	96.89	111.9
2023-11-19	82.02	5.92	65.84	75	84.25	114.67	8.32	89.64	98.98	116.07	108.72	7.56	88.01	96.84	112.44
2023-11-26	85.05	4.04	71.26	77.97	83.79	113.94	8.18	90.04	98.3	116.17	109.3	7.65	87.47	95.83	111.87
2023-12-03	83.74	5.74	66.31	77.14	86.76	117.25	9.22	88.66	99.92	118.86	108.89	8.28	85.34	94.63	111.87
2023-12-10	82.06	5.78	66.07	78.53	85.68	114.06	8.58	89.16	98.21	117.18	110.85	8.32	85.66	94.38	112.19

2023-12-17	83.12	5.41	66.57	77.91	83.48	114.85	8.9	88.69	98.29	117.33	108.46	7.98	86.1	94.27	111.51
2023-12-24	82.47	2.74	75.43	78.89	82.94	113.44	7.89	89.95	99.02	115.31	107.64	6.92	87.81	95.08	110.08
2024-01-01	81.84	4.64	68.88	78.29	84.08	114.85	9.41	88.95	100.08	119.65	108.24	7.56	87.3	97.59	111.41
2024-01-08	83.36	4.12	70.97	78.34	83.61	115.67	8.94	92.19	101.35	120.63	109.89	7.6	89.46	98.09	113.89
2024-01-15	83.15	3.68	73.67	78.9	81.71	114.42	8.22	90.45	97.66	116.19	108.64	7.2	89.34	95.29	111.62
2024-01-22	82.94	5.39	68.51	78.45	86.49	114.97	9.15	87.8	97.75	117.93	107.83	8.39	85.87	92.98	111.88
2024-01-29	83.29	6.11	65.8	77.36	85.98	115.01	9.16	87.37	97.73	117.47	108.24	8.8	84.41	93.11	112.37
2024-02-05	82.06	6.15	65.01	73.14	83.18	114.97	9.82	85.77	97.73	117.8	109	9.55	82.61	92.73	112.18
2024-02-12	80.15	3.58	70.55	77.6	80.39	113.42	8.87	88.83	98.57	117.66	108.04	8.53	85.06	94.45	112.73
2024-02-19	80.88	4.94	66.28	76	83.03	114.67	9.32	87.64	98.69	117.35	108.09	8.92	83.7	92.72	111.17
2024-02-26	84.77	4.6	72.06	78.75	86.14	115.99	9.95	86.96	97.59	119.6	108.8	8.77	84.49	93.75	112.51
2024-03-04	81.96	6.22	64.87	76.61	83.71	112.71	9.09	84.63	93	113.46	108.01	8.12	83.07	91.68	108.89
2024-03-11	80.51	5.82	64.6	75.58	83.16	112.7	9.18	84.25	94.56	114.28	108.25	8.52	85.8	95.75	112.41
2024-03-18	82.16	6.57	64.31	71.65	84.41	114.16	9.28	84.39	94	113.92	107.77	8.6	83.34	93.55	110.58
2024-03-25	82.64	6.44	64.76	73.53	83.65	116.47	9.76	82.4	92.29	114.14	108.97	8.87	82.22	92.44	111.26
2024-04-01	81.47	6.05	64.5	70.67	83.01	112.26	9.86	82.53	92.25	114.1	107.37	9.06	81.77	91.38	111.1
2024-04-08	83.04	7.3	64.01	69.71	83.75	112.74	9.41	82.63	93.26	113.38	108.84	9.13	81.46	91.16	110.54
2024-04-15	82.41	5.78	64.68	74.91	80.35	115.04	9.49	83.49	92.76	114.18	109.01	8.47	85.09	94.16	111.39
2024-04-22	81.7	7.25	64.25	72.91	85.69	112.82	9.02	84.25	94.21	114.13	107.9	8.08	83.99	94.99	110.35
2024-04-29	82.18	6.19	63.81	69.45	82.45	113.69	8.99	84.13	93.18	113.25	108.08	8.07	84.28	92.74	109.9
2024-05-06	81.23	5.62	64.26	73.29	81.04	113.59	9.04	85.09	93.95	114.14	107.75	8.14	84.76	93.31	110.52
2024-05-13	81.83	5.02	65.04	74.31	79.39	115.96	9.24	85.11	93.19	114.47	108.45	8.11	85.3	91.96	110.5
2024-05-20	84.21	7.08	64.45	73.46	87.27	116.44	9.78	82.37	93.44	114.55	109.99	9.14	81.87	91.92	111.78
2024-05-27	82.48	7.01	63.88	71.88	87.04	111.97	8.95	84.35	93.12	112.83	108.13	8.77	83.16	91.74	110.71
2024-06-03	83.58	6.26	65.46	73.66	85.11	112.1	8.91	84.91	93.93	113.91	108.87	8.72	83.62	91.97	111.97
2024-06-10	86	6.29	65.48	72.27	85.98	113.91	9.21	84.73	93.06	114.42	109.69	8.58	84.43	92.13	111.91
2024-06-17	81.1	5.45	64.92	69.69	80.43	110.63	8.41	85.32	94.34	112.38	108.4	8.37	83.9	92.97	111.19
2024-06-24	81.48	6.19	63.78	67.79	83.76	110.75	8.45	84.43	92.75	111.56	107.7	7.98	84.84	92.98	111.12
2024-07-01	79.39	4.85	65.94	69.69	79.24	112.06	8.86	83.38	92.84	111.51	110.95	8.74	81.87	90.3	109.65
2024-07-08	82.85	5.31	66.64	71.38	81.14	111.1	8.8	84.71	93.66	112.92	108.23	8.59	82.97	91.45	109.94

2024-07-15	82.17	5.48	66.89	71.94	82.59	111.26	8.62	84.53	93.6	111.89	106.75	8.59	82.14	92.73	109.94
2024-07-22	84.22	5.77	67.67	71.34	84.1	113.12	9.4	83.67	93.98	113.31	108.02	8.96	81.77	92.54	110.32
2024-07-29	84.54	6.9	66.55	69.68	88.42	113.55	8.97	83.63	92.99	112.46	107.83	9.16	80.77	92.01	110.64
2024-08-05	81.81	5.5	66.93	69.24	82.86	111.61	9.38	83.45	93.42	112.82	106.43	9.14	80.49	92.66	109.68
2024-08-12	83.47	6.51	65.88	68.56	86.48	110.7	8.83	84.28	94.48	113.01	106.24	8.95	80.94	92.85	109.73
2024-08-19	84.47	7.93	66.53	73.21	90.31	112.01	8.84	85.06	93.95	113.66	106.39	8.67	82.53	92.57	110.35
2024-08-26	83.57	6.69	65.93	70.64	86.62	111.4	8.89	85.52	95.1	114.41	108.49	8.54	83.63	92.99	111.44
2024-09-02	79.74	5.42	65.71	67.72	80.42	112.55	8.66	85.72	94.3	113.69	106.35	8.18	83.86	92.26	110.11
2024-09-09	82.83	7.12	65.56	67.63	86.74	111	9.01	83.84	93.64	112.96	107.04	8.68	82.53	91.67	110.61
2024-09-16	83.01	6.02	65.78	67.47	83.19	112.75	9.19	83.69	94.6	113.51	108.27	8.44	83.9	92.56	110.27
2024-09-23	85.94	7.67	66.15	74.01	89.96	113.09	9.05	86.3	96.01	115.5	107.38	8.4	84.89	93.19	111.74
2024-09-30	84.18	6.39	66.71	74.12	87.86	112.35	9.22	86.45	96.54	116.75	108.11	8.35	84.8	93.48	111.86
2024-10-07	87.65	6.26	65.84	74.79	83.06	115.95	8.77	87.36	96.61	115.81	111.11	7.9	86.82	95.42	112.17
2024-10-14	82.59	7.76	64.34	73.57	87.26	114.9	8.39	90.15	98.7	117.66	109.21	7.1	90.15	98.67	112.97
2024-10-21	84.45	7.35	64.67	72.92	86.39	116.7	8.49	89.36	98.52	117.09	109.42	6.89	90.34	98.35	112.44
2024-10-28	86.53	6.23	64.65	77.79	85.91	116.27	8.79	90.18	99.44	118.98	109.74	7.33	89.71	98.77	114.44
2024-11-04	83.53	6.33	64.16	76.91	87.56	115.2	8.32	90.13	99.22	117.48	110.68	7.2	89.94	98.36	113.67
2024-11-11	84.8	5.78	66.18	78.61	86.48	114.44	7.78	93.18	101.9	118.65	108.83	6.74	91.94	100.92	112.62
2024-11-18	85.9	5.09	71.36	79.17	89.04	120.26	9.79	92.86	103.9	125.33	111.59	7.6	91.02	101.19	115.31
2024-11-25	83.31	6.26	65.17	75.29	84.87	114.96	9.35	87.88	98.27	118.38	110.7	8.6	86.07	95.69	113.15
2024-12-02	83.11	3.03	75.81	78.86	84.43	115.99	8.69	89.27	99.28	117.42	109.42	7.7	88.34	96.52	112.67
2024-12-09	83.58	4.59	69.2	79.47	83.85	118.06	9.1	91.42	101.64	121.76	110.13	7.46	90.87	100.16	113.86
2024-12-16	83.96	4.01	72.69	79.85	86.41	116.15	8.96	91.81	101.01	120.61	111.14	7.78	89.97	99.29	114.41
2024-12-23	83.9	4.48	72.6	79.45	87.24	120.29	9.89	94.17	104.29	126.3	109.64	7.27	91.3	100.52	114.54

Table 11a: Port Renfrew weekly sound pressure levels (SPL) in decibels (dB). Mean (Avg) and standard deviation (Std), Q₅, Q₅₀ and Q₉₅ levels for broadband and SRKW echolocation and communication ranges are given.

Date	Avg 10-100000 Hz	Std 10-100000 Hz	Q5 10-100000 Hz	Q50 10-100000 Hz	Q95 10-100000 Hz	Avg 15000-100000 Hz	Std 15000-100000 Hz	Q5 15000-100000 Hz	Q50 15000-100000 Hz	Q95 15000-100000 Hz	Avg 500-15000 Hz	Std 500-15000 Hz	Q5 500-15000 Hz	Q50 500-15000 Hz	Q95 500-15000 Hz
2019-01-01	125.28	8.61	104.16	117.58	131.39	95.89	5.58	82.78	88.1	100.01	107.79	4.76	93.42	101.68	107.87
2019-01-08	120.09	5.97	106.69	114.4	127.35	91.87	4.2	82.87	87.76	96.13	104.34	4.02	96.2	102.07	109.02
2019-01-15	127.95	9.42	103.94	115.28	134.91	92.32	3.88	83.22	89.07	97.16	104.2	3.37	96.78	101.55	107.23
2019-01-22	125.55	8.6	104.32	117.02	131.6	97.57	4.24	82.27	87.11	96.04	102.73	4.24	92.97	100.02	106.84
2019-01-29	122.02	8.21	102.95	116.29	128.84	91.43	4.66	82.38	87.05	97.83	102.42	4.35	92.97	99.72	106.64
2019-02-05	120.45	7.7	101.99	113.18	127.18	89.81	2.29	84.77	89.78	91.96	103.14	3.81	95	101.27	108.05
2019-02-12	124.85	8.87	102.91	114.13	131.75	90.86	3.55	82.7	89.29	94.01	102.8	3.96	94.46	101.47	106.63
2019-02-19	124.14	7.73	105.78	118.07	130.2	90.01	3.38	82.69	87.81	92.97	103.05	4.06	94.61	100.39	106.99
2019-02-26	115.41	5.75	102.61	111.92	121.54	89.87	2.48	82.72	89.83	92.04	102.61	4.46	92.84	101.73	106.77
2019-03-05	119.74	6.58	104.51	115.2	126.41	88.24	2.95	82.98	87.32	90.89	103.18	4.64	92.6	100.74	108.09
2019-03-12	121.37	7.44	103.94	115.47	128.19	89.54	3.62	83	87.1	95.79	102.22	4.59	91.84	99.48	106.79
2019-03-19	124.03	8.31	104.03	117.32	130.43	86.71	2.32	82.99	84.67	89.14	103.4	5.32	90.73	99.25	108.49
2019-03-26	118.98	6.32	104.09	114.56	125.24	87.96	3.34	82.96	84.55	91.31	104.38	5.13	92.28	102.06	109.52
2019-04-02	120.17	7.24	102.55	113.46	126.3	97.39	4.06	83.03	86.61	95.69	104.38	5.09	93.19	101.36	109.38
2019-04-09	124.88	8.99	102.71	115.13	133.04	91.29	4.34	83	87.3	96.65	103.7	5.06	91.89	100.9	109.11
2019-04-16	123.79	9.21	101.21	115.22	131.21	92.58	5.36	82.98	85.36	100.01	103.43	5.24	91.37	99.87	108.81
2019-04-23	122.47	8.76	100.39	113.21	129.98	88.04	3.14	83.01	85.59	91.6	103.01	4.29	93.4	101.38	107.25
2019-04-30	118.81	6.9	102.6	112.65	126.17	85.71	1.98	82.96	83.73	87.89	104.28	5.07	92.51	101.42	109.22
2019-05-07	123.29	8.09	105.29	116.88	129.96	84.85	1.74	82.95	83.39	87.27	104.17	5.27	92.14	101.49	109.57
2019-05-14	124.38	8.59	103.5	115.59	132.02	89.71	4.02	82.96	83.93	95.49	104.28	5.21	92.12	101.35	108.87
2019-05-21	124.3	9.38	101.55	114.48	131.59	85.79	1.77	82.96	83.35	87.15	103.51	5.76	88.65	100.51	107.53
2019-05-28	116.04	5.62	103.23	112.7	121.82	90.75	2.8	82.91	84.65	89.22	104.98	4.62	94.46	101.49	109.77
2019-06-04	116.68	5.74	103.76	113.55	122.22	91.01	3.81	82.77	83.53	93.38	104.16	5.02	92.88	100.76	109.14
2019-06-11	116.46	5.99	101.99	113.12	122.14	90.36	2.51	82.76	83.48	88.08	104.45	5.16	92.44	101.22	108.63
2019-06-18	117.1	5.71	104.29	113.87	122.77	90.15	2.49	82.79	84.81	89.38	104.98	4.7	94.87	101.83	109.29

2019-06-25	114.78	5.15	103.13	111.68	120.05	96.63	4.8	82.76	83.57	99.05	106.11	4.92	93.84	102.36	109.73
2019-07-02	121.42	8.19	101.59	114	127.86	92.17	2.8	82.75	83.11	87.49	105.01	5.36	90.14	101.17	108.15
2019-07-09	117.2	6.05	103.53	112.71	122.93	96.45	4.62	82.75	83.17	96.62	105.79	5.25	92.06	101.16	108.68
2019-07-16	117.47	6.34	102.96	113.87	123.4	91.68	4.19	82.77	83.4	95.32	104.53	5.48	92.2	101.71	109.11
2019-07-23	114.08	5.17	102.76	111.33	119.63	96.88	3.63	82.76	83.42	89.41	103.81	5.24	91.33	101.6	108.74
2019-07-30	119.24	7.41	101.85	113.13	125.8	90.43	3.95	82.75	83.43	92.1	103.82	5.77	90.56	100.68	109.18
2019-08-06	115.18	5.33	102.72	112.55	120.46	87.87	2.85	82.77	83.44	88.92	105.28	6.11	90.27	102.76	109.78
2019-08-13	115.97	6.43	99.77	112.49	121.87	90.69	3.3	82.76	83.21	89.79	105.79	6.34	89.6	102.68	110.51
2019-08-20	113.14	4.83	102.27	110.39	118.47	91.32	4.11	82.78	83.31	94.56	104.68	5.93	89.89	101.15	108.75
2019-08-27	114.79	6.16	100.13	111.76	120.38	88.57	3.22	82.76	83.12	89.67	103.83	6.21	88.72	100.92	108.85
2019-09-03	112.93	5.2	101.03	110.16	118.49	87.86	2.73	82.75	82.97	88.46	102.83	5.3	90.18	100.27	107.82
2019-09-10	113.46	5.56	100.33	110.19	119.1	95.48	6.29	82.76	83.43	101.82	103.92	5.72	89.27	100.4	108.45
2019-09-17	112.75	5.52	100.28	109.5	117.89	99.42	5.79	82.78	84.39	99.08	102.13	5.43	89.07	99.06	106.7
2019-09-24	114.86	5.79	101.51	111.23	120.99	91.01	4.11	82.78	85.67	94.14	102.16	5.08	90.13	99.91	107.02
2019-10-01	114.56	5.95	100.6	111.01	120.24	93.48	5.27	82.76	84.86	99.24	103.49	5.39	91.05	99.69	108.44
2019-10-08	113.17	5.36	101.46	110.2	118.45	93.36	3.02	82.77	86.88	90.84	102.48	4.8	91.23	99.85	107.26
2019-10-15	113.33	5.27	101.56	110.05	118.88	93.89	5.68	83.09	87.79	100.49	101.68	4.94	90.51	98.88	106.51
2019-10-22	114.9	5.71	101.92	110.66	120.65	93.3	4.37	82.79	86.69	97.27	103.45	5.38	90.16	99.9	107.52
2019-10-29	116.09	6.04	102.17	112.36	122	87.42	2.83	82.76	85.75	90.69	103.93	4.88	92.57	101.19	108.77
2019-11-05	113.63	5.23	101.5	110.81	118.62	91.94	3.05	82.76	84.47	90.07	103	5.21	90.99	99.73	108.2
2019-11-12	116.18	6.02	102.6	111.88	121.98	99.27	5.99	82.82	86.33	100.67	105.22	5.39	91.64	100.63	109.28
2019-11-19	115.33	5.25	103.15	112.25	120.4	91.48	3.71	82.85	86.59	94.42	105.21	4.95	92.58	101.35	108.74
2019-11-26	119.44	6.71	103.45	114.77	126.23	90.12	2.16	84.82	89.76	92.09	104.85	3.54	97.61	102.44	108.31
2019-12-03	113.64	5.48	101.44	109.96	119.59	91.06	4.36	82.25	84.99	94.83	104.45	5.54	91.04	100.32	109.27
2019-12-10	119.63	7.53	101.44	113.76	126.77	94.93	4.69	82.88	87.54	98.47	103.4	4.15	94.74	100.66	107.89
2019-12-17	117.96	6.31	103.01	112.83	124.48	92.46	4.73	82.59	88.42	97.69	102.88	4.06	94.26	100.95	107.67
2019-12-24	120.27	7.31	102.96	114.62	126.38	90.24	3.64	82.39	88.03	95.08	102.05	3.76	94.44	99.86	106.68
2020-01-01	116.33	5.45	104.61	111.74	122.22	94.53	3.99	86.01	91.16	99.38	104.61	3.49	97.3	103.12	108.45
2020-01-08	125.42	8.82	105.18	115.81	132.76	92.86	4.3	82.75	90.41	98.11	104.41	4.15	94.15	103.24	108.6
2020-01-15	122.1	7.44	103.5	113.72	129.66	93.03	4.08	83.79	90.19	97.03	104.57	4.16	95.5	102.57	108.87

2020-01-22	122.81	7.2	106.26	115.55	129.87	93.82	5.03	83.13	89.38	99.52	105.05	3.84	97.04	102.66	109.18
2020-01-29	115.12	5.16	103.44	112.3	120.87	95.94	5.52	82.69	89.11	101.95	104.02	4.49	94.47	101.8	109.19
2020-02-05	121.74	7.8	103.54	113.47	128.69	90.86	4.18	82.36	88.26	95.95	102.75	3.92	94.77	101.18	107.3
2020-02-12	116.73	6.52	101.28	112.5	122.8	90.85	4.38	82.26	86.91	96.45	101.91	4.13	92.5	100.07	106.8
2020-02-19	117.59	6.2	102.56	113.7	123.61	89.68	3.52	82.32	87.73	92.5	105.21	4.47	95.34	101.84	109.1
2020-02-26	114.54	6	100.82	111.76	119.8	91.27	4.24	82.25	85.82	95.02	102.54	5.11	90.28	100.3	106.97
2020-03-04	116.94	6.31	101.3	113.13	122.91	89.96	4.16	82.25	86.48	94.19	102.8	4.77	91.16	100.51	107.45
2020-03-11	117.83	5.82	104.53	114.07	123.89	90.8	3.35	82.28	88.98	92.52	104.61	3.98	95.54	101.93	107.85
2020-03-18	115.28	5.05	104.21	112.83	120.7	87.45	2.91	82.2	85.08	89.35	104.14	4.82	93.3	100.57	108.57
2020-03-25															
2020-04-01															
2020-04-08															
2020-04-15															
2020-04-22															
2020-04-29															
2020-05-06															
2020-05-13															
2020-05-20															
2020-05-27															
2020-06-03															
2020-06-10															
2020-06-17	122.14	9.92	99.62	113.6	128.69	85.7	0.74	85.17	85.31	86.94	103.44	7.55	83.91	102.03	108.6
2020-06-24	122.45	8.6	102.25	114.13	129.68	92.05	2.53	85.22	86.46	90.47	102.32	4.85	91.32	99.96	107.41
2020-07-01	125.89	10.44	100.65	115.04	133.2	92.26	4.08	85.24	85.56	98.46	103.31	5.77	89.13	100.35	108.4
2020-07-08	122.54	8.43	102.14	112.25	130.08	90.6	3.57	85.27	85.59	96.18	103.88	5.68	89.6	101.43	108.87
2020-07-15	122.61	8.57	101.82	113.74	130.03	87.84	2	85.28	85.63	89.32	103.21	5.93	88.55	100.66	108.28
2020-07-22	126.12	10.27	100.04	114.85	133.66	88.93	1.99	85.3	85.77	89.11	105.56	6.52	88.39	101.3	110.18
2020-07-29	125.04	9.89	101.59	114.25	131.98	91.63	2.74	85.32	85.8	90.42	104.32	6.19	88.82	101.27	109.1
2020-08-05	121.53	8.12	101.19	113.18	129.13	91.69	3.5	85.31	85.74	95.68	104.91	6.44	88.39	102.2	110.11
2020-08-12	123.81	8.9	101.36	112.37	132.04	94.71	2.93	85.33	85.69	90.8	104.32	6.22	89.46	101.43	109.25

2020-08-19	129.82	11.53	102.22	114.61	137.43	92.82	4.45	85.39	85.99	99.08	103.96	6.14	88.5	101.78	109.03
2020-08-26	129.58	10.99	103.52	113.86	137.76	88.62	2.21	85.4	85.95	90.13	103.66	5.59	90.38	101.49	108.44
2020-09-02	128.02	9.61	103.04	112.81	136.92	93.47	3.09	85.41	85.86	92.54	104.25	5.93	89.88	101.29	108.96
2020-09-09	114.6	5.66	101.25	111.23	120.53	97.9	5.08	83.25	85.92	97.9	104.8	6	89.92	101.22	109.29
2020-09-16	119.94	7.77	100.29	114.33	126.48	95.8	4.1	83.22	83.6	94.06	103.14	6.75	86.51	99.49	108.54
2020-09-23	117.98	7.43	100.77	110.78	125.19	94.53	5.33	83.24	84.92	100.18	101.62	4.88	90.68	98.08	106.08
2020-09-30	114.88	5.92	100.76	111.65	120.61	91.41	2.91	83.21	83.57	89.66	101.43	6.26	86.3	97.22	106.91
2020-10-07	117.85	6.75	102.7	111.62	124.94	93.26	5.7	83.21	85.65	100.14	102.34	5.22	89.7	99.25	106.96
2020-10-14	123.42	8.31	102.66	114.18	130.8	90.25	3.73	83.25	85.74	93.45	101.92	4.91	91.07	98.44	107.12
2020-10-21	124.85	8.22	102.89	113.69	131.07	99.93	3.56	83.25	87.14	91.73	110.17	4.74	93.68	101.38	108.31
2020-10-28	116.57	6.33	101.43	112.28	122.69	90.5	4.42	82.45	86.15	97.44	103.38	5.25	90.7	99.96	108.16
2020-11-04	117.88	6.96	101.51	112.74	124.46	89.99	4.06	82.52	86.7	94.74	102.09	4.94	90.48	99.83	106.65
2020-11-11	125.26	8.1	105.54	117.31	132.47	92.57	4.46	82.97	89.07	98.21	104.11	4.31	94.13	102.01	108.17
2020-11-18	127.65	9.09	103.85	115.78	133.19	91.13	4.15	82.57	87.59	97.1	104.26	4.78	93.63	101.26	108.96
2020-11-25	122.48	7.85	104.21	115.06	129.77	92.03	3.85	82.85	88.92	95.7	104.73	4.27	95.06	101.84	109.25
2020-12-02	122.81	8.39	103.98	114.55	129.81	93.5	4.59	82.58	87.35	97.15	104.69	4.93	92.77	101.21	110.07
2020-12-09	126.28	8.9	105.27	116.55	132.68	92.83	4.84	82.72	88.55	99.41	105.77	4.78	95.31	102.47	111.12
2020-12-16	126.92	9.14	104.87	116.39	133.12	92.76	4.53	82.89	89.59	98.37	103.59	4.17	94.15	101.71	108.54
2020-12-23	123	8.4	103.37	114.48	130.5	91.44	2.94	85.76	89.93	96.02	103.48	3.19	96.95	102.05	107.64
2021-01-01	127.47	9.39	105.36	117.96	134.02	92.3	4.54	83.17	89.36	97.35	105.12	5.03	93	102.33	109.26
2021-01-08	128.52	9.47	105.82	118.74	135.57	92.71	4.4	82.99	89.32	99.3	104.8	3.9	97.29	102.38	110.08
2021-01-15	125.15	8.92	103.94	114.54	133.28	89.04	3.18	82.78	86.26	92.1	103.83	4.49	94.32	100.84	108.82
2021-01-22	121.56	7.29	103.8	114.42	128.08	89.36	3.07	82.88	87.97	92.68	104.03	4.5	93.81	101.33	108.75
2021-01-29	126.28	9.63	103.36	115.74	133.71	92.29	4.34	82.49	87.4	95.96	103.51	4.84	91.78	100.03	107.19
2021-02-05	127.56	9.6	104.52	119.03	134.41	90.11	3.55	82.59	88.47	92.89	105.09	4.86	93.66	102.48	109.05
2021-02-12	124.01	8.37	104.23	114.32	131.64	90.47	2.83	84.31	90.02	92.66	104.28	4.12	95.58	103.09	107.86
2021-02-19	122.66	7.78	102.96	114.57	127.54	92.44	4.48	82.6	89.26	96.88	104.94	4.83	93.65	102.3	109.1
2021-02-26	123.21	8.05	102.2	114.03	130.75	89.46	3.65	82.99	86.99	92.05	106.4	5.93	90.49	101.83	109.52
2021-03-05	115.43	6	102.44	111.36	121.37	91.97	3.95	83.15	88.76	96.43	104.19	4.3	94.28	101.23	108.2
2021-03-12	116.05	5.83	102.26	111.44	121.62	94.52	3.34	82.99	86.18	91.22	107.07	4.86	93.89	101.5	109.22

2021-03-19	114.41	5.89	100.43	111.25	119.88	91.93	3.81	83.23	89.48	96.18	104.14	4.64	92.56	101.72	108.14
2021-03-26	115.96	5.59	102.87	113.07	121.24	88.36	3.3	83.01	86.39	92.2	104.01	5.35	91.52	101.14	108.95
2021-04-02	115.35	5.37	103.08	112.43	120.82	90.13	2.89	83	86.14	90.85	102.99	4.48	92.56	100.63	107.94
2021-04-09	114.34	5.37	102.03	111.15	120.01	89.02	3.11	83	87.79	92.12	104.16	4.03	96.07	102.37	108.33
2021-04-16	114	5.48	100.97	111.25	119.32	85.5	1.74	82.97	83.4	87.44	104.12	5.27	91.89	100.84	108.56
2021-04-23	116.13	6.95	99.39	111.49	122.67	87.37	3.31	82.96	83.66	93.29	102.92	5.92	88.46	99.45	108.69
2021-04-30	117.88	5.96	103.99	113.41	123.9	88.01	3.23	82.98	84.58	92.34	103.92	5.43	91.23	100.08	109.15
2021-05-07	115.12	5.87	101.01	111.59	121.05	89.08	3.46	82.98	84.23	93.39	104.03	5.56	90.95	101.04	108.68
2021-05-14	115.8	6.33	100.69	112.4	121.73	87.87	3.04	82.99	84.86	90.86	104.15	5.48	91.23	100.64	109
2021-05-21	117.85	6.35	102.38	112.41	124.53	98.07	6.37	82.99	84.05	100.8	103.72	5.48	91.69	100.6	108.86
2021-05-28	122.51	7.74	103.22	113.91	129.21	94.69	3.57	82.99	83.76	90.51	107.9	5.95	91	101.39	109.79
2021-06-04	116.16	5.36	101.47	110.88	119.15	92.25	4.19	83.26	85.07	95.66	105.73	4.98	93.25	101.42	109.52
2021-06-11	117.04	6.62	101.54	112.67	123.08	93.53	4.47	83.21	83.68	96.25	104.18	5.67	91.28	100.33	109.68
2021-06-18	118.44	6.76	102.89	112.86	125.18	90.32	2.34	83.23	83.91	87.64	104.75	6.05	89.72	101.42	109.85
2021-06-25	121.6	8.75	100.52	112.35	129	86.27	2.47	83.23	83.57	90.94	104.26	6.17	89.04	101.68	109.81
2021-07-02	112.96	5.39	100.25	110.04	118.78	86.61	2.3	83.22	83.66	87.37	103.58	5.58	90.17	100.64	108.84
2021-07-09	118.11	7.22	100.42	112.47	124.64	89.12	2.46	83.25	84.5	88.06	103.66	5.16	92.05	100.63	107.97
2021-07-16	116.5	6.23	101.36	111.51	122.45	93.09	2.85	83.24	83.81	88.56	104.44	6.18	88.74	101.4	109.08
2021-07-23	120.73	8.24	100.54	113.49	128.14	86.79	2.23	83.24	84	87.87	103.97	5.74	89.63	101.65	108.98
2021-07-30	113.42	4.93	101.94	111.12	118.38	94.16	3.09	83.57	84.67	90	103.49	5.49	90.62	101.39	108.53
2021-08-06	121	8.57	99.63	112.54	128.14	89.66	2.62	83.58	83.95	88.63	102.79	5.8	88.63	100.06	107.59
2021-08-13	119.19	6.83	102.38	112.68	125.34	87.92	2.42	83.6	84.47	88.64	103.71	6.17	88.59	101.07	108.47
2021-08-20	121.72	8.11	101.7	113.56	129.2	98.34	2.55	83.58	84.04	88.53	104.04	5.71	90.17	101.77	108.73
2021-08-27	113.29	5.09	101.28	110.82	118.4	97.27	3.84	83.58	84.22	90.41	104.42	6.07	89.32	101.45	108.91
2021-09-03	118.51	6.96	102.25	112.59	125.22	97.15	5.57	83.6	84.34	99.74	103.99	6.24	88.75	100.52	109.1
2021-09-10	118.95	6.19	104.73	114.28	125	97.98	5.26	83.59	84.83	98.89	104.24	5.39	92.06	100.64	109.38
2021-09-17	121.03	7.15	103.8	113.61	127.53	94.17	5.8	83.58	84.83	101.11	102.75	5.86	88.78	99.81	107.9
2021-09-24	115.41	5.46	103.09	111.57	121.04	100.43	5.74	83.61	85.65	100.4	102.2	5.11	90.13	99.13	107
2021-10-01	120.66	7.22	102.54	112.16	127.54	93.1	4.74	83.61	85.32	99.05	102.48	5.32	89.52	99.03	106.99
2021-10-08	125.04	8.04	105.52	115.31	130.28	98.28	5.19	83.6	87.86	99.79	108.36	5.11	92.36	100.44	108.56

2021-10-15	120.99	7.46	103.79	114.66	128.03	95.21	6.33	83.34	87.22	101.6	102.63	4.6	92.72	100.09	107.72
2021-10-22	125.9	8.56	106.48	118.17	132.42	93.58	4.79	83.58	90.18	98.99	103.6	4.19	94.18	101.65	107.76
2021-10-29	122.21	7.6	104.86	114	130.06	93.97	5.09	83.3	89.02	100.43	102.65	4.35	92.74	100.42	106.88
2021-11-05	129.7	9.67	106.06	120.16	136.8	93.02	3.72	85.03	90.31	97.34	104.09	3.96	95.1	101.92	108.12
2021-11-12	125.1	8.11	105.79	115.17	132.6	94.87	4.73	84.54	90.52	100.73	104.76	4.37	94.81	101.95	109.34
2021-11-19	125.2	9.46	102.54	115.96	132.01	91.96	3.49	83.43	88.77	95.59	102.27	3.73	94.9	100.04	106.8
2021-11-26	122.32	8.31	101.08	114.2	129.44	96.24	6.24	83.44	90.47	102.57	102.58	5.26	89.47	100.15	107.26
2021-12-03	130.17	11.18	103	120.64	137.62	90.34	2.8	83.8	89.53	92.65	103.76	4.16	94.58	100.76	107.87
2021-12-10	123.24	8.54	103.73	113.92	129.8	91.8	3.07	85.16	90.34	95.68	103.83	3.8	95.39	102.11	108.1
2021-12-17	129.05	9.32	106.72	120.41	136.04	92.79	3.41	84.68	90.93	97.58	104.22	3.84	96.38	102.92	108.27
2021-12-24	123.69	8.77	103.23	115.05	130.69	91.79	2.84	85.69	90.57	94.95	102.97	3.73	94.84	101.47	106.95
2022-01-01	131.58	10.92	104.61	122.38	139.03	94.82	4	85.5	90.62	98.7	104.3	4.03	95.61	101.95	108.8
2022-01-08	124.61	7.84	105.78	117.14	131.34	95.97	5.6	83.61	89.17	102.47	105.41	3.96	96.99	103.19	109.8
2022-01-15	128.46	10.48	103.63	118.32	135.42	92.13	4.5	83.34	85.68	97.79	104.68	5.28	92.17	100.89	109.48
2022-01-22	123.93	8.61	103.43	114.59	131.27	89.03	2	84.13	88.91	90.87	102.59	3.58	95.73	100.56	106.83
2022-01-29	129.32	10.58	103.92	118.64	136.39	90.37	3.9	83.33	87.29	95.09	102.72	4.91	91.93	99.91	107.41
2022-02-05	122.91	8.43	102.79	114.33	130.43	89.89	3.53	83.25	85.28	92.06	102.9	5.09	90.55	99.3	107.06
2022-02-12	125.37	9.65	101.17	116.05	132.25	87.28	2.62	83.26	85.89	90.18	102.96	5.19	91.32	99.51	108.38
2022-02-19	122.68	7.97	103.83	115.67	129.42	89	3.11	83.23	88.03	91.76	103.63	4.6	93.01	101.07	108.3
2022-02-26	127.81	9.12	105.92	120.13	134.67	93.56	5.42	83.28	87.65	99.87	103.09	4.69	92.79	101.01	107.62
2022-03-05	122.66	8.08	101.67	114.11	129.4	88.88	3.21	83.29	86.58	92.52	105.49	5.13	91.94	100.38	108.64
2022-03-12	115.17	5.38	102.88	111.63	120.57	93.07	4.72	84.38	89.03	98.97	102.72	4.16	94.01	100.67	107.25
2022-03-19	118.84	7.13	100.68	111.86	125.05	93.21	4.8	84.27	88.97	99.19	103.4	5.19	91.24	101.26	108.16
2022-03-26	117.44	7.05	99.94	112.51	124.03	90.23	3.31	84.27	85.82	94.2	105.22	5.56	92.27	100.77	110.28
2022-04-02	118.41	6.13	104.39	112.29	124.87	93.97	4.43	84.84	90.63	99.64	104.48	4.51	93.85	102.76	108.62
2022-04-09	115.32	5.99	101.68	110.4	121.83	90.23	3.22	84.47	88.59	93.39	104.36	4.87	93.12	101.5	108.5
2022-04-16	122.17	8.45	101.43	112.7	129.53	93.72	4.1	84.5	89.03	97.17	102.99	4.68	92.79	100.53	107.43
2022-04-23	116.89	6.77	101.17	110.72	123.91	90.8	3.42	84.43	85.63	93.98	103.43	5.32	91.32	99.66	108.39
2022-04-30	119.08	7.04	102.28	111.71	126.07	93.5	5.2	84.48	87.23	100.11	102.81	4.6	92.49	100.16	107.11
2022-05-07	114.02	5.25	101.8	111	119.45	94.75	4.42	84.48	87.87	98.84	104.13	4.19	94.36	101.71	108.4

2022-05-14	126.15	9.54	102.38	113.67	133.27	91.46	4.07	84.5	87.44	97.61	104.39	4.81	93.47	102.04	108.96
2022-05-21	123.56	8.5	101.89	112.44	132.1	91.23	3.63	84.46	85.62	95.68	103.65	5.08	91.82	101.27	108.54
2022-05-28	126.22	10.91	100.13	112.73	133.96	90.56	3.71	84.45	84.97	94.76	102.7	5.72	88.37	100.26	107.25
2022-06-04	118.9	6.8	100.98	110.6	124.69	93.15	4.95	84.47	85.59	99.79	103.15	5.12	90.57	100.38	108.02
2022-06-11	124.86	9.56	102.57	112.96	132.56	91.25	3.27	84.48	85.31	92.48	102.51	4.64	91.48	100.3	106.79
2022-06-18	123.01	8.2	103.14	111.87	131.2	88.92	2.44	84.48	84.94	88.63	102.43	5.18	89.91	99.79	107.04
2022-06-25	122.02	8.81	100.64	112.15	129.45	89.37	2.77	84.45	84.7	91.22	102.1	5.5	89.01	99.5	106.46
2022-07-02	125.22	9.6	100.39	112.97	131.34	95.29	5.8	83.02	83.54	99.95	109.43	6.49	88.42	100.52	108.99
2022-07-09	132.95	13.03	102.39	114.63	140.49	86.92	2.48	83.07	83.58	88.73	103.32	5.44	90.22	99.43	107.74
2022-07-16	133.09	12.26	102.63	114.13	141.51	89.66	3.48	83.1	83.68	91.4	103.8	6.07	89.32	100.47	108.88
2022-07-23	133.62	13.35	101.24	112.96	142.14	87.09	2.39	83.08	84.08	88.69	103.32	5.95	89.05	100.36	108.38
2022-07-30	131.7	11.22	102.37	112.74	140.35	89.68	2.5	83.11	84.33	88.7	104.24	6.19	88.61	101.21	109.56
2022-08-06	135.28	13.55	102.31	114.14	143.32	86.75	2.56	83.1	83.55	89.54	103.82	5.33	91.47	101.21	108.97
2022-08-13	134.22	12.29	103.5	115.64	142.9	106.56	4.41	83.12	83.83	93.81	107.53	6.2	91.46	104.24	111.96
2022-08-20	131.12	10.78	104.05	113.55	139.52	88.31	2.89	83.12	84.07	89.35	105.77	5.14	93.88	102.97	110.64
2022-08-27	132.61	11.53	101.77	112.64	141.97	90.26	3.14	83.16	83.5	90.78	103.71	5.44	90.63	101.55	108.72
2022-09-03	134.54	13.59	101.33	114.17	142.68	91.44	3.72	83.28	83.63	91.28	102.56	5.74	89.14	98.37	108.02
2022-09-10	134.56	11.95	104.58	115.85	143.72	88.72	3.29	83.28	84.2	91.09	105.84	5.35	93.44	102.64	110.57
2022-09-17	128.49	9.19	102.88	113.68	135.15	93.46	4.04	83.34	84.61	94.92	107.24	5.73	93.22	102.47	111.87
2022-09-24	134.9	12.08	104.79	114.98	143.94	90.19	3.7	83.43	84.43	93.63	105.32	5.47	92.14	102.29	110.45
2022-10-01	137.02	14.41	103.95	114.17	144.97	87.67	2.59	83.49	83.86	89.34	102.35	5.42	89.37	99.49	107.23
2022-10-08	137.18	14.12	103.82	117.9	144.25	86.91	2.08	83.51	83.79	88.33	102.22	5.26	90.43	99	107.21
2022-10-15	130.2	9.54	102.16	110.76	139.26	97.12	3.42	82.7	83.54	90.15	109.05	6.32	88.31	97.35	108.01
2022-10-22	121.48	7.43	102.71	112.88	127.86	92.21	5.04	82.79	87.73	98.39	101.04	4.84	89.95	98.61	105.99
2022-10-29	124.95	9.48	103.13	113.96	131.77	94.82	6.35	82.78	88.37	100.67	103.73	5.23	89.21	99.15	106.05
2022-11-05	124.78	9.02	103.8	115.39	132.06	91.36	3.12	83.52	90.32	94.67	102.71	4.32	93.44	100.56	107.96
2022-11-12	124.26	9.11	103.47	112.99	131.74	90.02	2.58	84.11	89.16	92.49	102	3.5	95.18	100.07	106.05
2022-11-19	126.83	10.06	102.87	113.95	134.24	91.05	3.64	83.34	88.77	95.74	102.8	4.52	92.15	100	106.94
2022-11-26	126.97	9.96	103.41	114.94	134.21	91.81	3.53	83.8	90.1	95.76	103.52	3.91	95.36	101.37	107.66
2022-12-03	125.7	9.46	103.65	115.9	132.5	92.98	3.7	83.13	90.69	95.53	103.03	3.79	94.9	101.56	107.22

2022-12-10	126.31	9.57	104.05	116.56	132.97	90.83	3.64	83.03	88.72	95.6	102.52	4.72	91.02	99.22	106.14
2022-12-17	127.41	9.93	103.39	114.48	135.31	92.69	3.58	84.63	91.65	95.44	103.8	4.36	93.74	102.32	107.62
2022-12-24	129.99	10.85	104.62	118.24	137	96.04	5.43	83.96	91.74	102.35	102.52	4.11	93.55	100.74	106.98
2023-01-01	126.73	10.01	103.31	116.13	133.32	90.88	3.36	83.99	89.1	94.66	102.66	4.24	93.4	100.08	106.77
2023-01-08	125.6	9.01	103.93	115.13	132.55	95.45	5.37	83.35	90.8	100.99	103.05	4.35	93.55	100.9	107.95
2023-01-15	127.78	10.23	102.52	114.21	135.6	93.45	5.03	82.95	88.67	98.5	103.78	5.46	90.94	100.29	109.11
2023-01-22	131.17	10.25	103.89	118.39	137.31	94.75	3.98	82.74	85.79	95.29	101.18	5.03	89.35	98.12	106.01
2023-01-29	121.99	7.88	102.97	116.47	128.04	91.17	3.18	83.16	89.36	94.19	101.53	3.49	94.45	99.82	105.84
2023-02-05	123.56	8.96	102.54	113.25	130.57	92.75	4.26	83.6	89.66	98.17	101.22	4.05	91.71	99.77	105.27
2023-02-12	125.06	9.08	103.18	115.43	132.08	90.72	4.3	82.77	88.42	96	101.82	5.03	90.32	98.79	107.15
2023-02-19	127.95	9.91	104.61	116.87	135.04	91.05	3.07	83.44	90.92	93.42	103.82	4.63	92.95	101.81	108.15
2023-02-26	122.58	8.41	102.53	114.02	128.96	92.39	3.75	83.03	90.49	96.19	102.5	4.28	92.57	100.51	106.72
2023-03-05	123.09	8.62	101.35	113.18	130.31	90.97	3.9	82.7	88.48	94.09	102.45	4.29	93.1	99.91	106.18
2023-03-12	118.15	6.44	103.12	112.51	124.1	91.08	3.78	83.59	88.25	96.58	104.37	4.43	94.6	101.33	108.56
2023-03-19	119.81	7.66	101.39	112.53	127.29	91.84	4.31	83.48	86.29	96.62	102.96	5.65	89.18	100.12	108.23
2023-03-26	117.39	6.51	101.68	111.68	124.05	91.74	4.11	83.52	87.09	95.57	105.07	5.16	92.03	101.15	108.45
2023-04-02	117.87	6.46	102.67	111.37	123.27	95.07	4.98	83.58	88.99	99.79	106.37	5.05	93.04	101.12	109.16
2023-04-09	122.83	7.85	104.19	114.26	130.08	92.35	4.68	83.58	88.25	98.25	105.16	5.45	92.39	102.02	110.54
2023-04-16	122.33	7.74	104.12	112.82	129.42	93.29	4.42	83.82	89.98	98.78	105.5	4.46	95.26	102.84	109.52
2023-04-23	122.73	8.16	103.02	112.88	130.22	91.2	4.46	83.53	86.15	98.51	104.37	4.73	93.6	101.39	108.96
2023-04-30	117.57	6.75	100.48	111.04	125.22	94.34	2.82	83.54	84.87	90.76	103.87	4.73	93.38	100.84	108.36
2023-05-07	125.73	9.3	103.02	114.53	133.34	87.49	2.79	83.52	84.26	89.7	104.71	5.54	91.5	101.26	109.96
2023-05-14	123.08	8.62	102.07	112.49	130.89	88.8	2.52	83.52	84.19	90.4	104.34	5.13	91.87	101.44	108.69
2023-05-21	124.43	8.81	103.33	113.63	132.13	86.2	1.97	83.55	84.6	88.88	102.78	4.82	91.65	99.64	107.73
2023-05-28	119.63	6.78	103.07	111.39	126.8	87.13	2.37	83.56	85.78	90.37	103.83	4.74	92.46	101.31	107.91
2023-06-04	126.77	9.83	102.97	114.92	134.45	89.05	3.61	83.55	85.41	94.2	110.49	4.98	92.79	101.56	108.99
2023-06-11	121.43	8.11	102.26	111.85	129.02	96.28	2.76	83.53	84.19	89.04	104.35	5.49	91.04	100.8	108.66
2023-06-18	123.67	9.14	102.19	114.41	130.43	91.12	3.64	83.55	84.72	92.66	107.8	5.98	92.94	102.47	112.2
2023-06-25	119.87	7.19	102.71	111.76	127.75	90.69	3.09	83.58	85.26	90.78	105.7	4.7	94.15	102.28	109.05
2023-07-02	128.94	11.19	102.01	114.69	135.69	88.17	2.84	83.05	83.45	89.35	107.5	6.53	86.64	99.94	108.94

2023-07-09	118.06	6.8	102.3	112.94	125.24	86.93	2.05	83.04	83.51	87.18	102.29	5.28	89.55	100.04	107.08
2023-07-16	121.86	7.91	103.95	113.07	129.38	86.29	2.11	83.11	83.93	87.52	101.97	4.94	90.89	99.55	106.92
2023-07-23	118.2	6.5	102.45	112.19	124.56	89.2	3.62	83.03	83.45	93.78	102.58	5.61	89.51	99.99	107.76
2023-07-30	126.12	10.18	101.12	114.73	134.2	87.33	2.06	83.05	83.66	87.01	102.44	6.37	86.3	99.66	107.33
2023-08-06	118.32	6.97	101.76	113.75	124.89	89.31	3.52	83.04	83.52	92.44	103.1	5.77	89.32	100.44	107.58
2023-08-13	119.67	7.75	101.44	113.49	126.37	89.04	2.72	83.03	83.28	88.59	102.63	6.25	87.19	99.89	107.42
2023-08-20	116.41	5.97	103.13	112.2	122.51	87.15	2.45	83.05	83.46	87.09	103.54	6.1	88.94	101.03	108.6
2023-08-27	123.34	8.35	101.91	115.14	130.54	88.82	3.14	83.04	83.53	90.92	102.44	5.61	88.18	99.63	106.67
2023-09-03	119.44	6.91	103.54	113.82	126.28	88.15	2.48	83.04	83.35	88.43	102.91	5.71	89.22	99.95	107.75
2023-09-10	118.7	6.93	102.59	112.89	125.92	90.7	2.68	83.02	83.42	88.05	103	5.87	88.32	99.77	107.79
2023-09-17	118.49	6.61	103.43	113.26	125.49	92.47	3.74	83.03	83.84	91.03	102.3	5.06	90	98.7	106.56
2023-09-24	128.42	9.94	103.37	116.21	134.62	92.02	4.59	83.1	85.41	97.04	100.95	5.18	89.14	97.65	106.44
2023-10-01	131.42	11.31	103.91	115.96	138.93	111.15	5.39	83.04	84.23	92.22	112.44	6.76	88.69	98.82	108.24
2023-10-08	120.12	6.58	102.26	110.89	123.44	93.7	4.37	83.36	85.36	96.85	101.66	5.47	89.32	97.5	106.37
2023-10-15	135.65	12.26	102.67	112.48	143.16	95.54	6.14	83.47	86.8	101.83	102.72	5.1	89.5	97.88	105.74
2023-10-22	126.4	8.3	103.92	111.6	130.34	91.75	4.3	83.41	88.64	97.65	102.55	5	91.06	100.62	106.68
2023-10-29	138.91	13.13	105.22	115.02	147.38	94.56	4.48	83.99	88.94	99.99	104.66	4.28	94.39	101	108.41
2023-11-05	113.91	5.25	102.1	109.98	119.37	93.39	4.55	83.77	89.08	99	102.31	4.72	91.29	99.6	106.95
2023-11-12	140.48	13.19	105.44	115.19	148.05	91.14	3.44	83.44	89.19	94.14	103.58	4.45	92.88	101.45	107.4
2023-11-19	122.66	7.31	103.06	112.83	126.73	91.2	3.55	83.51	89.62	94.49	103.15	4.38	92.56	100.86	108.04
2023-11-26	141.01	13.51	104.6	116.06	147.32	98.74	3.81	84.86	89.52	97.29	105.21	3.93	95.57	101.85	108.38
2023-12-03	118.32	6.51	102.09	112.51	124.34	93.93	5.42	83.48	87.83	100.53	102.97	4.81	91.84	100.67	107.78
2023-12-10	142.45	15.37	105.08	117.68	150.35	92.64	4.04	83.76	89.19	97.45	102.58	3.9	94.06	100.86	106.44
2023-12-17	132.4	9.31	103.79	113.64	134.68	90.46	4.04	83.37	88.35	95.94	103.02	5.3	89.81	100.02	107.43
2023-12-24	143.01	15.71	104.14	119.51	150.84	92.97	3.72	84.89	90.32	98.04	102.22	3.35	95.25	100.93	106.46
2024-01-01	123.66	7.2	103.6	111.69	126.86	91.34	3.81	83.55	88.93	96.36	102.6	4.43	92.59	100.48	107.46
2024-01-08	147.91	16.78	106.68	120.81	156.52	92.64	3.35	84.57	91.71	96.61	106.41	4.27	96.85	104.99	110.82
2024-01-15	133.9	10.2	105.54	114.11	138.95	95.68	3.36	86.38	91.7	97.11	104.65	3.46	98.16	103.51	108.38
2024-01-22	138.19	12.66	104.87	116.81	145.97	95.78	6.26	83.51	89.1	102.59	103.66	4.41	93.49	101.02	108.27
2024-01-29	125.69	7.96	102.72	112.74	127.95	93.48	4.13	83.66	87.51	96.9	104.53	5.05	93.35	101.15	109.59

2024-02-05	143.41	15.39	102.4	118.13	151.76	92.87	3.44	83.44	87.53	94.4	105.52	4.64	95.37	102.09	109.72
2024-02-12	130.34	9.57	104.34	114.95	135.06	91.76	3.1	83.87	90.32	93.15	104.55	4.14	94.54	102.48	107.85
2024-02-19	132.51	10.39	103.37	114.4	135.76	89.59	3.7	83.37	86.68	95.28	102.97	5.22	91.21	100.01	108.14
2024-02-26	127.03	8.23	102.51	112.75	127.96	94.16	4.07	84.74	90.93	98.43	104.55	4.15	95.51	102.91	108.67
2024-03-04	120.24	6	102.12	110	120.37	95.4	4.31	82.83	88.18	96.78	106.16	4.04	94.88	101.01	107.64
2024-03-11	118.29	6.61	101.88	111.4	124.14	89.83	3.38	82.81	87.82	93.97	103.92	4.54	93.32	101.25	108.56
2024-03-18	112.02	5.03	100.9	109.35	117.18	88.98	3.9	82.75	84.26	94.5	102.54	5.12	91.17	99.75	107.16
2024-03-25	112.44	5.66	98.87	109.37	118	89.65	4.18	82.75	85.8	95.48	102.89	5.25	90.56	100.08	107.9
2024-04-01	113.02	4.97	101.63	109.66	117.77	87.58	3.19	82.76	84.71	92.59	106.45	4.83	93.39	100.83	108.8
2024-04-08	114.6	6.24	99.36	110.48	120.11	90.74	4.6	82.74	84.69	96.39	103.99	5.25	91.14	101.34	108.72
2024-04-15	112.43	5.38	101.09	109.8	117.8	87.96	2.8	82.79	86.88	90.66	104.42	4.34	95.93	102.18	109.27
2024-04-22	112.66	5.05	101.3	109.78	118.01	91.3	4.83	82.77	85.88	97.28	103.19	4.23	93.66	100.18	107.47
2024-04-29	112.46	4.76	102.36	109.62	117.75	87.1	2.82	82.76	84.6	90.46	102.99	4.5	92.71	100.49	107.16
2024-05-06	114.13	5.64	100.84	111.64	119.56	88.02	3.13	82.77	84.12	91.51	103.25	4.95	91.75	100.68	108.36
2024-05-13	112.57	4.65	102.67	110.01	117.74	86.89	2.41	82.78	86.01	89.75	103.38	4.13	94.73	100.97	108.01
2024-05-20	113.39	5.7	100.07	110.26	118.52	92.66	5.01	82.77	84.47	98.75	104.73	5.06	92.01	100.82	107.98
2024-05-27	113	4.56	103.06	110.84	117.97	92.44	4.6	82.76	83.97	97.29	104.57	4.96	93.41	101.5	109.36
2024-06-03	115.87	6.54	99.31	111.77	121.23	90.44	4.41	82.78	84.93	97.3	104.83	5.16	92.43	102.36	109.67
2024-06-10	112.57	4.5	102.39	110.25	117.58	87.99	3.12	82.76	83.74	89.15	104.98	4.75	93.85	101.38	109.17
2024-06-17	113.12	5.25	101.34	109.93	118.58	87.63	2.58	82.75	83.36	88.33	104.34	5.4	91.85	101.14	109.32
2024-06-24	113.59	5.55	100.09	110.92	118.97	92.08	2.8	82.75	83.13	89.64	104.11	5.89	89.52	102.27	108.81
2024-07-01	121.64	7.94	99.86	110.91	128.72	87.57	2.49	82.76	84.37	87.78	107.69	6.11	88.12	100.48	108.13
2024-07-08	119.09	7	103.39	111.6	126.48	91.05	1.61	87.35	87.79	90.94	104.33	5.12	92.16	101.25	108.52
2024-07-15	120.14	7.65	102.23	111.26	128	90.07	2.01	87.35	88.15	92.79	103.31	5.36	90.78	101.25	108.18
2024-07-22	122.7	8.27	102.84	113.5	130.27	91.58	1.67	87.35	87.89	90.43	104.06	5.82	90.1	101.24	109.19
2024-07-29	122.64	8.78	102.17	113.97	129.56	93.52	3.52	87.33	87.68	97.6	105.5	5.81	90.83	102.03	109.21
2024-08-05	119.14	7.46	100.32	111.3	127.12	89.65	1.68	87.36	87.93	90.55	103.25	5.76	88.94	100.74	107.9
2024-08-12	119.92	7.31	102.43	112.09	127.16	94.94	2.82	87.34	87.5	92.6	103.51	6.21	87.96	101.23	108.23
2024-08-19	123.03	8.18	103.05	114.96	130.48	95.16	4.81	87.36	88.05	102.17	106.09	6.6	88.66	103.27	111.63
2024-08-26	120.85	6.78	104.99	115.29	127.46	104.44	5.25	87.35	88.3	101.8	109.81	5.98	94.63	105.03	115.16

2024-09-02	116.91	5.83	103.74	112.04	123.23	95.92	3.51	87.35	87.78	95.21	106.01	5.71	92.2	102.56	110.94
2024-09-09	117.18	6.77	100.63	112.44	123.58	94.89	4.15	87.35	87.86	100.08	104.79	6.36	88.61	100.08	108.93
2024-09-16	123.4	8.34	103.78	115.67	130.33	97.76	3.65	87.34	87.62	95.43	104.27	6.29	88.89	99.35	110
2024-09-23	118.03	6.34	102.75	112.79	123.82	100.74	4.66	87.35	88.42	101.71	103.3	5.49	89.8	99.49	107.5
2024-09-30	115.4	5.36	103.4	111.67	120.83	92.74	3.35	87.39	88.29	97.5	102.95	5.23	90.47	99.29	107.69
2024-10-07	122.27	6.02	101.35	111.07	120.99	92.79	3.08	83.58	87.82	92.18	108.99	5.51	89.23	97.6	106.4
2024-10-14	120.7	6.76	104.5	112.98	128.65	95.42	6.36	83.38	85.45	101.65	103.43	5.66	90.63	99.57	108.52
2024-10-21	121.95	7.81	102.87	111.28	129.44	91.35	4.59	83.4	85.62	97.99	102.11	5.74	88.27	98.27	107.2
2024-10-28	114.92	5.27	103.17	111.2	120.47	91.86	4.3	83.47	86.9	97.16	101.5	4.73	90.25	98.09	105.88
2024-11-04	120.7	7.39	102.64	112.01	126.99	91.9	4.99	83.39	85.41	99.32	102.52	5.22	91.41	98.94	108.54
2024-11-11	126.91	9.22	103.45	112.33	134.54	93.33	4.52	83.77	89.5	99.05	103.56	4.08	94.53	100.68	107.02
2024-11-18	126.02	7.89	106.75	115.15	132.8	93.31	4.08	83.93	90.51	98.31	106.03	4.56	95.4	103.04	110.07
2024-11-25	118.39	6.51	103.42	112.95	125.06	88.94	2.95	83.5	87.14	92.47	102.58	4.16	93	100.68	106.52
2024-12-02	121.99	7.88	104.07	116.02	127.74	93.44	3.94	85.53	88.5	97.87	104.19	3.61	96.67	102.61	107.94
2024-12-09	129.82	8.55	105.24	115.84	133.74	91.31	3.23	83.99	89.09	94.51	105.9	4.35	95.51	103.3	109.47
2024-12-16	129.35	9.03	105.7	116.65	134.24	93.92	4.6	84.18	90.19	100.12	103.97	3.95	95.08	102.15	107.86
2024-12-23	119.61	6.95	102.87	111.85	126.16	93.74	3.81	85.05	90.49	97.94	104.9	3.91	95.79	102.62	108.22

Table 11b: Port Renfrew weekly sound pressure levels (SPL) in decibels (dB). Mean (Avg) and standard deviation (Std), Q₅, Q₅₀ and Q₉₅ levels for water turbulence, echosounders and wind are given.

Date	Avg 10- 100 Hz	Std 10- 100 Hz	Q5 10- 100 Hz	Q50 10-100 Hz	Q95 10- 100 Hz	Avg 49500- 50500 Hz	Std 49500- 50500 Hz	Q5 49500- 50500 Hz	Q50 49500- 50500 Hz	Q95 49500- 50500 Hz	Avg 7500- 8500 Hz	Std 7500- 8500 Hz	Q57500- 8500 Hz	Q50 7500- 8500 Hz	Q95 7500- 8500 Hz
2019-01-01	125.09	10.51	97.94	116.5	131.28	72.7	4	63.25	66.21	75.55	89.52	5.59	72.64	81.93	90.54
2019-01-08	119.56	7.67	100.37	111.99	127.23	69.03	2.89	63.3	65.9	71.86	84.4	5.03	73.25	81.63	89.23
2019-01-15	127.88	11.24	97.87	113.35	134.9	72.02	2.97	63.39	66.97	72.92	84.92	3.64	76.82	82.49	87.27
2019-01-22	125.43	10	99.94	115.84	131.52	78.24	3.08	63.13	65.61	72.23	83.6	5.2	69.66	81.06	86.86
2019-01-29	121.8	9.79	98.38	114.83	128.79	68	3.14	63.16	65.54	73.54	82.45	5.17	70.19	80.21	86.66
2019-02-05	120.14	9.7	94.09	111.12	127.11	67.36	1.61	64.19	67.32	69	84.51	3.64	76.55	83.56	89.02
2019-02-12	124.73	10.89	95.69	111.96	131.72	68.82	2.46	63.25	67.13	70.59	84.14	4.79	72.63	82.46	88.04

2019-02-19	123.93	8.95	101.02	116.78	130.17	67.92	2.35	63.2	66.03	69.52	83.36	4.44	72.89	81.21	86.99
2019-02-26	114.53	7.66	94.94	109.59	121.41	67.57	1.59	63.28	67.65	69.12	83.98	4.8	70.09	83.56	87.35
2019-03-05	119.21	7.7	100.62	113.28	126.3	69.67	2.16	64.12	66.73	69.47	81.98	5.67	66.81	80.97	85.56
2019-03-12	121.08	8.58	100.53	113.7	128.09	67.9	2.45	64.12	66.52	71.66	81.96	5.45	68.18	80.21	86.15
2019-03-19	123.84	9.48	100.53	115.93	130.41	66.37	1.51	64.11	64.92	67.84	80.54	5.35	67.12	77.48	84.45
2019-03-26	118.26	7.66	99.57	111.66	125.12	66.72	2.23	64.1	64.75	69	81.7	5.72	67.86	79.16	86.45
2019-04-02	119.65	8.58	97.96	110.78	126.04	68.72	2.68	64.12	65.98	72.33	83.75	5.33	69.33	80.02	87.42
2019-04-09	124.74	10.5	98.39	113.11	133	73.71	3.06	64.13	66.55	73.29	83.11	5.72	69.02	80.23	87.34
2019-04-16	123.62	11.03	94.91	113.24	131.18	69.17	3.62	64.11	65.3	75.54	81.08	5.19	68.69	77.94	85.88
2019-04-23	122.24	10.74	94.72	110.66	129.94	66.81	2.05	64.12	65.46	69.42	82.25	5.34	69.7	79.77	87.27
2019-04-30	118.24	8.52	96.64	110	125.95	70.24	1.7	64.09	64.4	67.06	80.96	5.39	67.8	78.2	85.46
2019-05-07	123.04	9.8	99.45	114.62	129.91	68.02	1.62	64.08	64.23	66.42	80.53	5.47	67.34	76.63	85.16
2019-05-14	124.15	10.73	96.77	112.85	132	67.44	2.42	64.09	64.44	70.88	82.15	5.75	67.3	77.55	86.39
2019-05-21	124.14	11.19	96.39	112.37	131.56	77.04	1.77	64.09	64.22	66.42	81.34	5.65	67.23	76.13	84.83
2019-05-28	114.36	7.45	96.21	109.24	121.06	82.77	2.15	64.1	64.88	67.72	84.11	5.34	69.81	79.39	87.3
2019-06-04	115.28	7.15	98.36	110.63	121.44	80.64	3.1	64.17	64.4	70.25	82.27	6	67.31	77.02	87.66
2019-06-11	114.54	7.24	96.15	109.84	120.86	78.39	2.45	64.16	64.31	66.84	82.94	6	66.5	78.2	87.18
2019-06-18	115.41	7.43	96.85	110.68	121.7	80.26	2.04	64.18	65	67.73	83.81	5.01	70.07	79.12	86.95
2019-06-25	112.24	6.86	95.25	107.9	118.15	71.65	3.39	64.16	64.4	74.25	87.88	6.08	68.87	78.35	88.5
2019-07-02	120.89	10.19	95.38	111.26	127.47	80.48	2.18	64.16	64.26	65.71	84.16	5.94	66.9	75.91	86.56
2019-07-09	115.87	7.69	97.02	109.86	122.18	75.42	3.71	64.16	64.25	73.33	85.5	6.24	67.31	77.11	87.28
2019-07-16	116.09	8.14	96.35	110.62	122.64	79.96	3.09	64.16	64.31	70.74	83.08	6.42	66.25	78.21	87.6
2019-07-23	112.03	6.73	95.73	107.62	118.37	95	5.29	64.16	64.33	72.31	81.62	5.92	67.06	78.6	86.85
2019-07-30	118.68	9.23	95.74	110.54	125.51	70.63	2.9	64.16	64.29	69.19	82.8	6.36	67.12	77.56	88.02
2019-08-06	113.2	7.44	94.96	108.8	119.34	70.32	2.99	64.16	64.24	68.83	84.11	6.98	67.23	79.57	89.56
2019-08-13	114.29	7.86	93.63	108.75	120.79	81.88	2.79	63.55	64.18	66.5	85.02	7.22	66.11	79.71	89.9
2019-08-20	110.15	5.91	96.64	106.27	115.99	69.45	2.94	63.54	63.65	70	84.34	6.7	66.99	78.53	88.05
2019-08-27	113.09	7.49	94.87	108.65	119.16	70.14	2.43	63.53	63.6	67.41	82.83	7	65.79	78.84	88.07
2019-09-03	110.42	6.52	93.84	106.81	116.36	78.35	1.93	63.53	63.59	65.3	81.22	6.18	66.85	76.44	86.66
2019-09-10	110.28	6.43	94.73	106.27	116.07	85.95	5.44	63.53	63.66	77.93	84.32	6.68	66.36	77.19	88.07

2019-09-17	109.94	6.4	94.81	106.38	115.73	98.03	7.53	63.56	64.22	82.22	82.5	6.18	66.78	77.48	87.03
2019-09-24	113.57	6.92	97.07	108.83	120.17	77.44	3.53	63.56	65	72.59	82.57	5.69	68.14	79.61	87.69
2019-10-01	112.35	7.42	93.88	107.87	118.19	87.45	4.97	63.54	64.58	77.2	82.9	6	67.79	78.35	87.63
2019-10-08	110.74	7.05	92.5	106.94	116.52	82.92	2.27	63.57	65.77	68.5	82.15	5.34	68.46	80.64	86.02
2019-10-15	111.65	6.5	96.16	107.52	117.49	70.24	4.1	63.67	66.11	76.08	83.24	5.3	70.82	79.86	87.63
2019-10-22	113.16	7.04	95.97	108.05	119.14	77.09	3.42	63.57	65.6	73.81	83.32	6.09	68.16	80.54	87.98
2019-10-29	114.51	7.46	96.49	109.11	121.21	66.18	1.88	63.55	65.05	68.74	82.28	5.82	66.8	79.89	86.54
2019-11-05	110.84	5.86	96.93	107.5	116.11	87.08	2.3	63.55	64.21	66.71	80.12	5.43	66.01	76.92	84.89
2019-11-12	114.47	7.18	97.45	109	121.28	89.33	4.69	63.57	65.24	76.7	84.71	5.81	69.09	79.33	88.09
2019-11-19	113.12	5.96	99.02	109.69	118.68	69.83	2.72	63.59	65.54	70.87	84.95	5.3	69.28	80.21	87.95
2019-11-26	118.72	8.88	94.94	112.58	125.96	71.63	1.66	64.29	67.59	69.12	84.73	3.03	78.1	83.66	87.97
2019-12-03	110.19	6.73	93.07	106.93	116.04	67.46	2.68	63.12	64.15	69.91	83.2	6.3	65.41	78.57	86.02
2019-12-10	119.12	9.75	93.66	111.38	126.55	90.12	3.58	63.24	65.83	74.11	83.75	4.26	74	81.18	87.55
2019-12-17	117.14	8.04	96.3	110.38	124.09	69.92	3.31	63.25	66.4	73.2	83.96	5	72	81.25	89.02
2019-12-24	119.87	9.13	97.34	112.69	126.23	67.58	2.41	63.16	66.23	70.98	82.21	4.1	71.74	81.39	85.96
2020-01-01	115.27	7.8	95.91	108.74	121.54	70.7	3.07	64.65	68.06	74.73	86.67	3.67	78.83	85.47	90.17
2020-01-08	125.29	10.96	97.1	114.18	132.72	69.86	3.19	63.27	67.54	73.81	85.73	4.77	74.06	84.91	89.35
2020-01-15	121.69	9.77	95.58	110.25	129.6	69.31	2.83	63.66	67.45	72.53	85.57	4.87	75.08	83.3	89.68
2020-01-22	122.49	8.89	100.83	113.35	129.82	79.41	3.86	63.34	67.01	75.05	84.59	4.49	73.87	82.77	89.07
2020-01-29	113.45	6.93	96.65	109.13	119.79	71.11	4.15	63.24	66.59	76.91	86.2	5.67	72.34	82.47	92.56
2020-02-05	121.43	10.01	95.47	111.17	128.56	67.94	2.78	63.15	66.22	71.79	83.56	5.47	69.52	81.47	88.37
2020-02-12	115.96	8.56	94.03	110.28	122.46	67.73	2.91	63.12	65.39	72.1	81.91	5.21	68.96	80.39	85.7
2020-02-19	116.28	8.08	96.68	110.98	122.82	67.53	2.23	63.13	66	68.76	85.17	5.28	72.17	81.28	90.21
2020-02-26	112.83	6.96	95.96	109.39	118.48	75.88	2.79	63.11	64.72	70.86	82.67	5.87	67.56	79.47	86.24
2020-03-04	116.07	7.98	95.67	111.08	122.4	66.82	2.61	63.1	65.08	69.94	82.04	5.66	68	80.04	86.4
2020-03-11	116.75	7.28	99.24	111.73	123.4	67.67	2.16	63.12	66.81	69.03	84.98	4.99	71.05	82.89	88.53
2020-03-18	113.12	6.19	98.86	110.58	118.45	72.63	2.11	63.09	64.35	67	80.99	4.98	68.18	79.19	85.32
2020-03-25															
2020-04-01															
2020-04-08															

2020-04-15															
2020-04-22															
2020-04-29															
2020-05-06															
2020-05-13															
2020-05-20															
2020-05-27															
2020-06-03															
2020-06-10															
2020-06-17	121.86	11.76	94.39	111.43	128.63	67.31	1.51	65.77	65.84	66.62	80.22	6.76	65.16	75.84	86.99
2020-06-24	122.27	10.44	95.82	112	129.65	84.26	1.93	65.81	66.36	68.61	80.49	5.28	67.67	77.62	85.73
2020-07-01	125.77	12.27	95.59	113.26	133.17	85.01	2.89	65.77	65.88	73.42	81.93	6.37	66.31	76.6	87.04
2020-07-08	122.33	10.47	95.48	108.96	130.05	72.16	2.42	65.78	65.89	71.88	82.3	6.34	66.75	78.2	88.09
2020-07-15	122.36	10.35	95.71	111.65	129.98	72.67	2.48	65.77	65.87	68.14	81.15	6.29	65.77	77.94	86.53
2020-07-22	125.95	12.08	94.96	112.31	133.5	80.09	2.61	65.76	65.92	68.04	82.45	6.19	67	78.06	87.87
2020-07-29	124.91	11.31	97.99	112.18	131.93	72.59	2.39	65.77	65.89	68.5	83.86	6.83	67.09	78.95	89.12
2020-08-05	121.2	9.66	97.33	109.33	129.05	78.7	2.88	65.75	65.83	71.99	83.58	6.78	66.92	79.8	89.07
2020-08-12	123.64	10.51	97.2	109.03	132.01	84.2	2.36	65.75	65.86	67.62	82.64	6.18	67.51	78.89	87.83
2020-08-19	129.77	13.25	97.71	112.32	137.42	78.22	3.48	65.76	65.93	75.04	82.9	6.77	66.79	78.65	88.6
2020-08-26	129.52	12.84	98.6	110.98	137.75	72.06	2.81	65.77	65.93	69.29	82.67	6.47	67.46	79.32	87.86
2020-09-02	127.95	11.04	98.89	109.94	136.91	77	4.17	65.78	65.92	75.09	83.41	6.77	66.74	79.48	87.94
2020-09-09	112.75	6.97	95.54	107.41	119.2	95.64	7.45	64.56	65.91	85.32	84.85	6.8	67.15	79.75	89.62
2020-09-16	119.49	9.27	95.49	112.15	126.37	93.5	5.85	64.54	64.67	77.01	82.63	7.2	65.45	76.43	88.19
2020-09-23	117.5	9.21	94.47	108.25	125	85.31	4.09	64.55	65.3	77.12	84.12	6.08	68.1	77.62	88.59
2020-09-30	113.61	7.14	96.04	109.39	119.76	88.37	3.49	64.52	64.64	71.25	82.01	6.74	65.74	75.86	87.37
2020-10-07	117.03	8.18	96.91	108.82	124.58	74.43	4.38	64.53	65.66	76.99	83.69	6.74	66.59	79.18	88.88
2020-10-14	123.24	9.82	97.86	112.32	130.71	77.45	3.04	64.55	65.82	70.9	81.39	5.57	68.2	78.32	87.44
2020-10-21	123.79	9.94	97.33	110.76	130.97	98.02	4.65	63.79	66.82	70.51	84.46	4.77	71.8	80.57	86.33
2020-10-28	115.57	7.84	95	109.97	122.04	74.89	3.39	63.38	65.09	73.84	83.19	6.21	67	80.35	88.25
2020-11-04	117.29	8.3	96.98	110.5	124.33	67.49	2.65	63.4	65.39	70.91	82.99	5.81	68.31	80.46	87.6

2020-11-11	125.13	9.49	101.5	116.1	132.45	70.57	3.38	63.55	67.16	74.55	86.05	5.06	73.13	83.31	90.31
2020-11-18	127.54	10.57	99.24	113.68	133.16	68.08	2.81	63.42	66.15	72.41	83.72	4.97	70.89	81.54	88.11
2020-11-25	122.19	9.72	98.04	112.85	129.67	84.81	2.99	63.46	66.99	72.13	84.86	4.59	73.96	83.21	89.52
2020-12-02	122.53	10.7	95.87	111.88	129.66	85.41	3.5	63.42	65.94	73.44	84.71	5.45	70.21	81.47	88.04
2020-12-09	126.13	10.5	100.21	114.78	132.64	69.43	3.41	63.44	66.76	74.64	85.15	5.14	73	82.65	89.82
2020-12-16	126.84	10.83	99.53	115.04	133.09	69.79	3.28	63.54	67.42	74.36	85.18	4.87	72.96	83.92	89.78
2020-12-23	122.81	10.72	94.9	112.53	130.43	68.72	2.1	64.9	67.91	72.15	84.6	2.89	78.36	84.11	87.8
2021-01-01	127.4	10.9	100.2	116.89	134	69.33	3.3	63.47	67.2	73.45	86.61	5.21	74.46	83.94	91.28
2021-01-08	128.44	10.99	101.54	117.19	135.55	69.77	3.33	63.46	67.34	75.53	85.3	4.23	75.13	83.68	89.9
2021-01-15	125	10.39	98.97	111.9	133.24	67.72	2.21	63.42	65.29	68.69	82.84	4.45	72.69	80.25	87.02
2021-01-22	121.23	8.88	98.88	112.26	128.03	67.62	2.13	63.53	66.47	69.56	83.35	4.84	71.32	82.07	87.61
2021-01-29	126.18	11.37	97.2	114.17	133.7	74.02	3.14	63.4	66.05	72.07	84.37	5.51	68.5	80.6	87.31
2021-02-05	127.45	11.36	99.26	117.52	134.37	73.73	2.44	63.43	66.87	69.57	85.18	5.59	70.98	82.75	89.49
2021-02-12	123.83	10.45	95.71	112.45	131.61	68.04	1.91	64.1	67.72	69.53	85.23	4.42	76.16	83.87	88.85
2021-02-19	122.34	9.09	98.26	112.12	127.23	69.17	3.11	63.42	67.27	72.73	86.28	5.79	71.19	83.39	90.26
2021-02-26	122.84	9.18	98.94	111.7	130.72	68.93	2.23	63.53	66.09	68.78	85.07	7.07	67.04	80.71	89.06
2021-03-05	113.71	7.15	96.44	108.76	120.13	69.93	2.97	64.17	67.71	73.67	84.97	4.81	71.94	82.48	87.74
2021-03-12	113.49	7.07	96.62	108.7	120.16	77.03	2.48	64.12	65.77	69.22	87.94	5.58	69	80.36	86.78
2021-03-19	112.59	7.41	94.11	108.46	118.63	79.35	2.89	64.22	68.13	73.47	84.53	5.01	70.76	82.97	87.99
2021-03-26	114.56	6.32	99.68	110.88	120.08	67.02	2.15	64.12	65.93	69.6	83.53	6.02	69	80.38	89.08
2021-04-02	113.58	6.32	98.35	110.12	119.42	82.07	2.37	64.12	65.8	69.1	81.01	4.38	70.81	79.63	85.57
2021-04-09	112.45	6.93	95.36	108.34	118.52	67.44	2.06	64.11	66.99	69.77	83.57	4.64	72.09	81.66	87.83
2021-04-16	111.48	6.38	96.91	108.22	117.21	70.9	1.42	64.09	64.22	66.5	80.94	5.23	67.84	77.3	85.01
2021-04-23	114.81	8.11	94.81	108.58	121.81	66.19	1.79	64.09	64.32	68.87	80.01	5.66	66.95	75.78	85.61
2021-04-30	117.07	7.29	99.45	111.68	123.52	66.29	2.02	64.11	64.8	69.08	81.12	5.15	68.64	77.85	85.98
2021-05-07	113.17	7.11	95.08	108.55	119.25	81.44	2.35	64.1	64.56	69.03	82.12	5.73	67.14	78.32	86.3
2021-05-14	114.37	8.05	93.07	110.17	120.7	66.5	1.96	64.11	64.94	68.69	82.65	5.68	67.23	79.25	86.43
2021-05-21	117.11	7.71	96.8	109.58	124.3	80.42	6.1	64.1	64.39	77.84	82.37	5.83	68.22	78.36	87.37
2021-05-28	122	9.09	99.45	111.75	129.01	89.04	3.87	64.09	64.33	68.06	84.67	6.05	67.91	78.95	87.3
2021-06-04	114.56	6.18	96.71	107.23	117.19	84.28	3.85	65.05	65.86	73.09	83.59	5.65	69.55	79.58	88.45

2021-06-11	115.93	8.22	94.9	109.23	122.3	81.47	3.22	65.02	65.12	72.84	82.81	6.44	67.35	76.97	88.26
2021-06-18	117.73	8.46	97.11	109.82	124.93	85.61	2.36	65.02	65.21	67.43	83.49	6.24	66.78	78.66	88.15
2021-06-25	121.28	10.63	94.53	109.14	128.92	73.37	1.85	65.02	65.11	69.45	82.8	6.71	66.07	78.73	88.01
2021-07-02	110.52	6.63	94.31	106.07	117.08	71.86	2.16	65.02	65.15	67.31	82.51	6.11	67.48	77.56	87.71
2021-07-09	117.48	9.33	93.88	109.48	124.41	79.52	2.73	65.04	65.58	67.88	82.19	5.11	69.06	78.63	86.3
2021-07-16	115.5	7.77	95.88	107.85	121.86	90.58	3.23	65.03	65.18	68.63	84.87	6.49	67.93	79.01	88.67
2021-07-23	120.36	10.06	96.05	109.96	128.05	72.1	1.84	65.03	65.25	67.38	83.5	5.97	67.35	79.45	87.69
2021-07-30	110.87	6.33	95.51	106.88	116.99	92.34	3.49	64.98	65.45	68.94	82.71	5.45	69.64	80.09	87.58
2021-08-06	120.7	10.64	92.31	109.92	128.07	79.29	2.63	64.96	65.04	67.68	82.24	6.27	66.8	78.59	87
2021-08-13	118.74	8.85	96.58	109.6	125.25	69.03	1.66	64.97	65.19	67.49	83.77	6.64	66.89	80.33	88.21
2021-08-20	121.41	9.72	96.81	110.47	129.14	69.73	2.04	64.96	65.05	67.36	83.7	6.4	67.82	79.39	88.46
2021-08-27	110.73	5.9	97.17	106.95	116.64	92.87	4.89	64.96	65.15	76.06	83.98	6.57	67.61	79.06	88.47
2021-09-03	117.83	8.47	96.96	109.61	124.96	90.61	6.29	64.97	65.18	79.61	84.91	7.03	67.12	78.78	90.5
2021-09-10	118.22	7.66	99.86	111.74	124.78	93.47	7.02	64.97	65.4	83.89	84.93	6.24	69.48	79.23	89.91
2021-09-17	120.69	8.51	98.7	111.02	127.43	84.75	5.71	64.96	65.41	78.83	84.33	6.75	67.39	79.67	89.43
2021-09-24	113.94	6.57	98.62	108.7	120.15	98.53	5.9	64.98	65.75	78.85	84.25	5.59	70.89	79.78	89.2
2021-10-01	120.29	8.4	97.4	109.71	127.43	80.4	4.54	64.98	65.74	77.01	83.82	6	68.33	78.91	88.22
2021-10-08	124.43	9.37	101.49	113.34	130.23	96.61	6.29	64.75	67.23	79.45	85.07	5.43	71.73	81.21	89.63
2021-10-15	120.62	9.18	97.72	112.46	127.95	78.81	4.97	64.57	66.74	78.09	82.8	5.56	69.91	79.53	88.4
2021-10-22	125.78	10.14	101.79	116.94	132.37	77.11	3.57	64.65	68.76	75.83	85.63	5.14	73.32	83.2	90.06
2021-10-29	121.94	9.26	98.87	111.74	130.02	76.38	4.13	64.58	68.11	77.71	84.04	5.36	69.06	82.13	88.95
2021-11-05	129.65	11.51	99.69	119.45	136.79	71.44	2.92	65.41	68.98	74.55	86.64	4.42	75.99	83.75	89.67
2021-11-12	124.91	9.67	100.72	113.16	132.58	72.74	3.61	65.12	69.1	77.29	86.72	4.94	75.17	83.87	91.12
2021-11-19	125.09	11.75	94.64	114.36	131.99	84.67	2.94	64.61	68.02	73.69	83.11	4.33	72.81	81.93	86.75
2021-11-26	122.12	10.18	94.57	112.48	129.43	73.51	4.89	64.61	68.89	79.47	85.59	6.43	69.74	82.58	91.02
2021-12-03	130.11	13.33	96.1	119.8	137.58	70.11	2.11	64.7	68.54	70.63	84.03	4.15	74.16	82.99	87.8
2021-12-10	123.05	10.62	96.85	111.42	129.76	70.3	2.3	65.42	68.99	72.9	86.32	4.17	76.35	83.78	90.58
2021-12-17	128.99	10.76	102.47	119.81	136.01	70.79	2.57	64.94	69.59	74.49	85.61	4.42	75.27	84.68	89.38
2021-12-24	123.55	10.93	95.35	113.69	130.67	70.76	2.2	65.74	69.32	72.46	85.07	3.82	76.32	83.88	87.52
2022-01-01	131.54	13.14	97.46	122.11	139.01	71.86	3.18	65.72	69.31	76.23	88.39	4.37	76.48	83.8	89.81

2022-01-08	124.36	9.65	100.48	114.78	131.28	83.49	4.41	64.66	68.09	78.89	85.2	4.81	73.72	82.74	90.02
2022-01-15	128.38	12.29	98.32	117.12	135.37	76.89	3.3	64.58	65.69	74.52	83.1	5.82	68.29	78.01	87.24
2022-01-22	123.77	10.16	98.84	112.77	131.24	68.59	1.55	64.71	68.13	69.6	82.9	3.51	76.34	82.41	85.91
2022-01-29	129.27	12.06	100	117.54	136.38	68.81	2.7	64.57	66.79	72.32	82.56	5.84	68.26	79.69	87.94
2022-02-05	122.7	10.02	98.26	111.93	130.39	72.71	2.62	64.53	65.22	69.96	81.72	5.84	67.42	77.71	85.79
2022-02-12	125.22	11.39	96.67	114.41	132.21	66.68	1.71	64.54	65.84	69.01	80.56	5.44	67.27	78.87	85.11
2022-02-19	122.4	9.45	99.17	113.71	129.34	68.1	2.18	64.54	67.48	70.07	82.66	5.77	67.96	81.4	86.69
2022-02-26	127.74	10.64	101.04	119.49	134.66	70.96	4.06	64.55	66.98	76.75	83.52	5.87	68.9	81.08	88.21
2022-03-05	122.23	9.54	96.27	111.97	129.33	71.69	2.31	64.55	66.46	70.54	81.73	5.31	68.13	79.59	86.21
2022-03-12	113.88	7.02	97.88	108.56	119.81	76.7	3.3	65.69	68.29	75.34	82.36	4.83	70.48	80.53	86.97
2022-03-19	118.32	8.67	94.93	108.64	124.87	70.38	3.19	65.61	68.1	75.48	82.4	5.3	69.17	81.14	86.68
2022-03-26	116.53	8.65	93.93	109.36	123.75	75.13	2.09	65.62	66.15	70.32	82.82	5.88	67.8	77.59	87.45
2022-04-02	117.68	7.81	98.05	109.22	124.66	78.87	3.14	65.91	69.01	75.82	85.42	5.56	71.51	82.6	90.12
2022-04-09	113.81	7.4	95.92	107.15	120.64	68.94	2.03	65.84	68.05	70.93	82.82	5.19	69.68	80.72	87.45
2022-04-16	121.94	10.18	95.6	109.77	129.48	70.2	2.78	65.86	68.24	74.02	82.65	5.02	69.58	80.71	86.59
2022-04-23	116.07	8.18	95.74	107.31	123.71	73.01	2.25	65.82	66.27	71.07	81.49	5.55	68.67	77.27	86.19
2022-04-30	118.54	8.78	96.18	108.99	125.93	74.3	3.28	65.83	67	75.63	81.45	4.96	69.58	78.49	85.53
2022-05-07	112.12	7.3	93.66	107.56	118.21	90.23	3.48	65.84	67.38	75.83	83.6	4.89	71.7	80.23	88.68
2022-05-14	126.04	11.34	97.22	110.72	133.25	69.32	2.61	65.85	67.2	74.18	83.34	5.45	69.8	80.18	88.2
2022-05-21	123.37	10.8	94.16	108.96	132.05	83.94	2.68	65.82	66.19	71.86	81.9	5.35	69.21	78.54	86.98
2022-05-28	126.13	12.79	94.4	109.9	133.92	76.77	2.34	65.82	65.98	70.83	81.28	5.99	66.99	77.34	85.78
2022-06-04	118.41	8.43	94.78	107.2	124.38	76.89	2.89	65.83	66.19	73.92	82.24	5.59	68.02	77.7	87.11
2022-06-11	124.74	11.45	96.86	109.9	132.53	83.69	2.47	65.83	66.09	69.73	81.43	5.27	68.8	78.28	85.68
2022-06-18	122.8	9.94	97.28	108.38	131.19	72.49	1.84	65.84	65.96	67.53	81.61	5.45	67.97	77.46	85.86
2022-06-25	121.75	10.57	94.52	109.36	129.35	78.06	2.24	65.82	65.91	69.27	81.85	5.75	68	77.85	86.17
2022-07-02	124.86	11.93	93.25	109.43	131.16	87.61	4.83	61.49	61.61	71.06	82.81	6.33	65.72	76.01	85.7
2022-07-09	132.93	14.66	97.66	112.75	140.49	76.5	2.74	61.49	61.6	63.88	81.23	5.91	66.88	76.4	85.86
2022-07-16	133.07	14.05	97.15	111.46	141.51	75.97	3.14	61.48	61.59	65.59	82.06	6.54	66.05	77.51	87.3
2022-07-23	133.61	15.24	95.2	110.38	142.14	79.43	3.22	61.48	61.74	64.12	80.72	5.92	65.82	77.46	85.85
2022-07-30	131.67	12.92	97.63	109.82	140.35	74.81	2.94	61.48	61.8	64.05	81.74	6.08	66.15	77.95	86.26

2022-08-06	135.27	15.36	97.5	111.46	143.31	71.64	2.45	61.48	61.58	64.07	81.71	5.79	66.99	78.36	86.54
2022-08-13	134.19	14.48	98.03	111.51	142.89	82.2	3.72	61.48	61.58	65.52	84.53	6.66	67.46	80.29	89.05
2022-08-20	131.08	12.71	98.15	110.21	139.52	64.81	1.96	61.47	61.61	63.78	83.03	5.77	68.6	78.97	87.49
2022-08-27	132.59	13.18	97.61	109.39	141.97	86.22	2.51	61.47	61.55	64.62	80.94	6.03	66.18	77.79	85.36
2022-09-03	134.53	15.49	95.2	111.66	142.68	76.37	3.28	61.49	61.62	65.63	81.58	5.99	66.79	75.79	85.93
2022-09-10	134.53	14.01	98.73	112.49	143.72	72.18	2.95	61.48	61.67	65.66	82.97	5.77	69.17	79.16	88.05
2022-09-17	128.38	11.1	96.35	110.12	135.1	76.25	3.43	61.48	61.78	69.07	84.25	6.28	68.69	79.17	89.55
2022-09-24	134.88	13.81	99.45	111.64	143.93	78.62	4.28	61.49	61.75	69.96	82.9	5.72	68.14	79.03	87.67
2022-10-01	137.01	16.04	99.4	111.63	144.97	79.68	3.68	61.5	61.64	68.14	80.62	5.98	66.22	76.31	85.79
2022-10-08	137.17	15.58	99.52	116.35	144.25	73.78	2.02	61.49	61.6	63.97	79.73	5.86	66.18	74.92	84.52
2022-10-15	130.04	10.65	97.8	108.18	139.26	91.88	4.18	61.54	62.85	65.76	81.56	6.05	66.25	74.73	84.92
2022-10-22	121.26	8.93	97.66	110.87	127.82	67.16	2.99	62.84	64.96	72.17	82.82	5.64	70.22	79.58	88.48
2022-10-29	124.82	11.12	98.01	111.66	131.75	69.16	4.01	62.82	65.25	73.67	82.84	5.95	68.5	79.92	88.06
2022-11-05	124.66	10.92	97.55	113.87	132.03	67.26	1.93	63.03	66.6	69.34	85.19	4.69	73.33	83.35	89.37
2022-11-12	124.13	10.8	97.37	110.63	131.72	66.8	1.72	63.26	66.04	68.09	83.48	3.37	76.21	82.08	86.61
2022-11-19	126.74	11.66	97.03	112.06	134.22	73.26	2.68	62.97	65.79	70.75	83.52	4.22	72.99	81.86	86.66
2022-11-26	126.89	11.88	96.82	112.68	134.19	68.92	2.29	63.07	66.72	69.95	85.55	4.25	76.05	83.11	89.98
2022-12-03	125.59	11.35	97.16	114.13	132.46	84.21	2.88	62.94	66.99	70.13	84.48	4.6	72.65	83.52	88.26
2022-12-10	126.23	10.77	100.25	115.02	132.94	76.58	2.64	62.97	65.79	70.25	83.7	5.08	71.24	81.53	87.88
2022-12-17	127.34	11.61	98	112.55	135.29	68.78	2.38	63.55	67.51	69.73	86.79	4.96	75.39	85.13	90.59
2022-12-24	129.96	12.53	98.75	117.35	136.99	70.34	3.89	63.19	67.18	75.89	85.44	5.11	73.57	83.37	90.43
2023-01-01	126.65	11.66	97.19	114.83	133.31	66.85	2.06	63.22	65.94	69.3	83.78	4.31	74.21	81.76	88.65
2023-01-08	125.49	10.48	99.69	113.37	132.52	70.15	3.58	62.95	66.81	74.14	84.34	4.61	72.78	82.33	89.06
2023-01-15	127.7	11.84	96.82	111.74	135.58	69.48	3.33	62.86	65.55	72.57	84.45	5.64	69.84	80.83	88.8
2023-01-22	131.14	11.42	100.36	117.65	137.3	77.7	2.58	62.82	64.07	69.61	80.51	5.57	66.72	77.98	85.14
2023-01-29	121.72	9.67	97.52	114.83	127.88	67.73	2.15	62.96	66.2	68.99	82.41	3.85	73.16	81.76	85.93
2023-02-05	123.44	10.61	97.09	111.4	130.53	67.99	2.86	63.02	66.19	72.55	84.19	4.56	73.29	81.94	88.05
2023-02-12	124.95	10.52	98.79	113.6	132.04	68.59	2.61	62.82	65.41	70.35	82.44	5.81	68.39	80.36	87.89
2023-02-19	127.88	11.69	98.87	115.57	135.03	68.41	1.92	63.02	66.96	68.38	85.41	4.8	73.03	84.26	89.14
2023-02-26	122.41	10.02	96.79	112.46	128.93	68.86	2.48	62.89	66.77	70.48	84.28	4.97	71.15	82.48	87.89

2023-03-05	122.92	10.21	95.68	110.97	130.29	76.83	2.59	62.79	65.53	68.48	82.6	5.46	68.34	80.97	86.33
2023-03-12	117.31	8.15	97.83	109.41	123.76	67.91	2.55	63.63	65.94	71.47	82.04	4.8	69.54	80.08	85.94
2023-03-19	119.38	8.96	96.89	110.52	127.15	85.29	2.91	63.56	64.7	70.71	81.38	6.64	64.77	77.51	86.96
2023-03-26	116.35	7.91	96.13	108.52	123.53	67.93	2.7	63.59	65.17	70.93	86	6.16	67.56	79.49	87.79
2023-04-02	116.84	7.47	97.48	108.47	122.14	88.01	3.52	63.63	66.41	74.34	84.8	5.46	68.48	80.01	85.71
2023-04-09	122.53	9.38	99	110.9	130.05	71.23	3.19	63.62	65.82	72.99	83.36	6.1	67.84	80.04	88.29
2023-04-16	122.06	9.53	97.77	109.63	129.34	68.89	2.99	63.7	66.98	73.56	84.67	4.93	71.64	81.36	87.44
2023-04-23	122.5	9.6	98.32	110.1	130.18	67.3	2.83	63.6	64.62	72.96	81.73	5.9	66.63	78.27	86.43
2023-04-30	116.8	8.87	92.92	108.38	124.91	66.33	1.61	63.6	64.09	67.26	80.26	5.33	66.87	77.08	84.6
2023-05-07	125.61	11.27	97.51	111.32	133.31	71.57	2.07	63.59	63.77	66.45	81.38	5.71	67.34	77.26	86.28
2023-05-14	122.82	10.17	97.7	109.4	130.79	80.06	2.02	63.59	63.74	66.85	81.45	5.75	66.85	76.98	85.55
2023-05-21	124.26	10.36	98.75	110.99	132.1	66.69	1.29	63.61	63.92	65.99	80.34	5.1	68.15	77.04	84.8
2023-05-28	119.16	8.28	96.72	108.42	126.71	67.01	1.45	63.62	64.52	66.93	81.65	5.04	68.78	78.79	85.65
2023-06-04	126.59	11.71	97.54	112.11	134.36	69.03	2.05	63.61	64.3	68.64	82.38	5.56	68.21	78.69	86.32
2023-06-11	121.13	9.5	98	109.12	128.91	89.75	2.38	63.59	63.77	66.36	81.8	5.67	67.3	77.33	85.55
2023-06-18	123.34	11.07	97.36	111.33	130.34	72.99	2.91	63.6	63.88	67.75	83.46	5.95	67.92	78.3	88.09
2023-06-25	119.31	8.96	96.16	108.28	127.62	77.98	2.38	63.61	64.16	67.02	83.77	5.02	70.92	78.93	87.11
2023-07-02	128.79	13.08	95.79	112.91	135.68	78.85	2.74	61.45	61.57	64.8	83.26	6.87	64.93	77.07	87.32
2023-07-09	117.6	8.79	96.01	110.9	125.04	62.62	1.35	61.44	61.58	63.36	80.73	5.97	66.25	76.92	85.92
2023-07-16	121.69	9.3	99.88	111.07	129.34	66.86	1.9	61.46	61.76	63.47	80.51	5.64	66.8	76.93	85.58
2023-07-23	117.67	8.39	95.78	109.36	124.44	66.59	2.86	61.44	61.57	68.06	81.14	6.35	65.76	76.74	86.11
2023-07-30	126.05	11.55	97.86	113.24	134.18	77.88	2.01	61.45	61.64	63.27	80.95	6.41	64.76	77.04	86.06
2023-08-06	117.78	9.19	95.27	110.94	124.75	68.4	2.38	61.43	61.53	66.27	82.35	6.61	66.04	77.8	86.87
2023-08-13	119.29	9.03	97.94	111	126.22	82.14	2.55	61.43	61.5	63.77	81.11	6.58	64.99	76.19	85.33
2023-08-20	115.48	7.55	98.11	108.94	122.15	66.3	2.04	61.44	61.55	63.1	81.67	6.39	65.79	77.75	86.81
2023-08-27	123.18	9.97	97.77	113.79	130.47	65.26	2.08	61.44	61.59	65.3	81.29	6.02	65.68	77.1	85.32
2023-09-03	119.01	8.4	99.11	111.38	126.12	79.81	3.07	61.44	61.54	63.61	81.96	6.68	66.01	76.33	87.13
2023-09-10	118.21	8.17	99.08	110.48	125.77	84.85	2.33	61.43	61.55	63.74	82.14	6.42	65.26	76.67	86.11
2023-09-17	118.02	7.79	99.57	111.38	125.36	84.11	4.49	61.44	61.78	70.23	81.7	5.54	67.29	77.07	85.3
2023-09-24	128.37	11.13	99.89	114.81	134.61	67.07	3.26	61.47	62.52	70.71	81.4	5.5	68.32	77.81	86.61

2023-10-01	131.25	12.67	99.84	114.31	138.76	87.33	5.43	61.44	62.13	70.66	88.49	6.38	66.28	76.47	85.4
2023-10-08	119.84	7.41	98.81	109	123.17	89.6	3.86	64.37	65.25	73.44	79.76	5.45	65.68	75.84	83.98
2023-10-15	135.64	13.48	98.77	110.76	143.16	82.63	4.59	64.43	66.07	77.6	81.62	5.35	67.36	76.56	85.03
2023-10-22	126.32	9.71	98.34	109.45	130.29	69.12	2.95	64.4	67.13	73.77	81.77	6.15	66.55	79.27	86.49
2023-10-29	138.9	14.3	101.59	113.57	147.37	78.38	3.41	64.65	67.42	76.01	82.56	4.25	71.27	79.89	85.18
2023-11-05	112.76	6.61	95.83	108.32	118.38	72.15	3.23	64.52	67.35	74.34	82.97	5.36	69.34	79.57	87.64
2023-11-12	140.47	14.31	101.89	113.75	148.04	73.39	2.53	64.41	67.52	70.45	82.09	4.94	68.37	80.61	85.03
2023-11-19	122.45	8.55	98.37	110.92	126.54	68.63	2.31	64.42	67.99	70.72	82.06	4.52	70.39	80.78	86
2023-11-26	141.01	14.92	100.07	114.36	147.31	79.15	2.94	65.02	67.93	73.65	84.87	4.04	73.38	80.84	86.37
2023-12-03	117.76	7.62	97.66	110.56	124.07	70.32	3.8	64.38	66.62	76.16	82.15	5.15	69.86	79.03	86.97
2023-12-10	142.45	16.64	100.76	116.32	150.35	71.27	2.88	64.54	67.57	73.59	81.49	4.44	70.76	80.21	85.84
2023-12-17	132.37	10.31	100.46	111.68	134.62	67.99	2.47	64.39	66.87	71.9	80.88	6.14	65.39	79.01	84.69
2023-12-24	143	17.22	99.44	118.81	150.84	70.19	2.71	64.97	68.44	74.14	81.89	3.7	73.33	81.04	85.51
2024-01-01	123.51	8.37	99.55	109.82	126.75	68.96	2.56	64.45	67.42	72.59	81.81	4.97	69.46	79.74	86.59
2024-01-08	147.91	18.18	102.49	120.24	156.52	69.82	2.46	64.85	69.16	72.92	85.85	4.85	74.84	84.66	89.42
2024-01-15	133.88	11.97	99.16	111.51	138.95	74.8	2.28	65.79	69.53	73.23	84	4.1	76.25	83.06	87.14
2024-01-22	138.18	14.05	100.45	115.59	145.97	71.78	4.38	64.43	67.33	77.64	81.91	5.45	68.27	78.63	87.24
2024-01-29	125.56	9.45	97.28	109.77	127.8	73.09	2.65	64.46	66.41	72.65	80.02	4.56	69.34	78.04	84.51
2024-02-05	143.4	16.85	97.02	116.54	151.76	87.96	2.99	64.4	66.63	71.34	81.97	4.39	70.56	78.91	85.01
2024-02-12	130.29	11.03	99.44	112.82	135.04	73.45	2.25	64.55	68.49	70.34	83.13	4.52	70.81	81.42	85.3
2024-02-19	132.48	11.41	100.22	112.67	135.76	67.41	2.26	64.4	65.97	71.49	79.25	5.38	66.22	76.88	83.92
2024-02-26	126.94	10.35	95.59	109.93	127.92	86.46	3.23	64.88	68.57	74.49	83.87	4.41	73.8	81.89	88.21
2024-03-04	119.08	7.32	95.71	107.37	119.41	91.74	3.52	62.44	65.66	72.23	83.97	5.13	70.63	81.62	87.8
2024-03-11	117.73	7.85	97.12	108.72	123.85	75.15	2.78	62.42	65.35	69.83	83.42	4.92	70.35	81.61	86.88
2024-03-18	109.74	5.81	96.48	106.83	115.08	67.04	2.59	62.39	63.06	69.33	79.65	5.34	66.66	76.55	84.27
2024-03-25	110	6.3	95.32	106.21	115.38	66.81	2.85	62.39	63.94	70.81	80.94	5.71	67.55	78.74	85.71
2024-04-01	110.15	5.87	95.88	106.92	115.67	68.91	2.19	62.39	63.3	67.68	81.11	5.25	68.26	78.55	85.91
2024-04-08	113.2	7.39	93.36	107.57	118.81	69.79	3.21	62.38	63.27	71.5	81.45	5.69	67.94	78.84	86.2
2024-04-15	109.28	6.88	92.49	105.91	114.83	68.84	2.01	62.39	64.57	67.28	82.62	4.56	71.61	81.05	86
2024-04-22	110.56	6.7	95.21	107.06	116.39	76.18	3.07	62.39	63.93	71.47	81.38	4.76	69.27	78.92	84.64

2024-04-29	110	5.87	96.88	106.43	115.49	65.18	1.75	62.39	63.05	65.9	81.11	4.82	69.36	78.23	84.81
2024-05-06	112.59	6.78	95.78	108.87	118.74	78.25	2.58	62.39	62.95	67.59	80.79	4.96	68.44	78.78	85.42
2024-05-13	110.31	5.8	96.69	107.19	115.96	72.86	2.03	62.41	64.08	66.54	82.12	4.72	69.97	80.35	85.62
2024-05-20	111.08	6.89	94.56	107.19	117.14	84.05	3.8	62.39	63.11	73.46	82.02	5.36	68.32	78.11	86.2
2024-05-27	110.31	6.26	95.99	107.34	115.9	87.12	3.38	62.38	62.83	71.12	82.67	5.42	68.63	78	86.37
2024-06-03	114.61	8.22	93.18	108.59	120.42	76.11	3.36	62.39	63.35	72.48	83.13	5.37	69.76	80.25	87.8
2024-06-10	109.73	5.61	96.77	106.69	115.27	73.11	2.27	62.38	62.72	65.98	82.28	5.29	69.03	78.34	86.52
2024-06-17	110.98	6.2	96.72	106.38	117.1	71.97	2.29	62.37	62.53	65.2	82.36	5.81	67.24	77.91	86.29
2024-06-24	111.14	6.95	94.92	106.58	117.78	79.17	2.32	62.37	62.46	65.27	81.82	6	67.03	77.85	86.88
2024-07-01	120.9	9.42	95.72	108.1	128.63	70.7	2.93	62.38	63.11	67.47	81.86	5.91	66.01	76.67	85.38
2024-07-08	118.5	8.86	97.47	108.24	126.24	85.48	2.05	67.33	67.57	69.82	82.43	5.02	70.52	78.86	86.61
2024-07-15	119.78	9.23	96.94	108.19	127.89	71.72	1.92	67.34	67.73	71.08	82.56	5.75	68.5	79.57	87.38
2024-07-22	122.51	9.9	98.57	110.84	130.25	85.67	2.05	67.33	67.57	69.18	82.91	6	67.7	78.97	87.97
2024-07-29	122.38	10.53	96.92	111.7	129.5	72.56	2.79	67.32	67.41	74.25	84.87	6.4	67.91	79.66	88.62
2024-08-05	118.76	9.12	95.93	107.4	127.04	68.94	1.53	67.34	67.57	69.32	84.14	6.16	68.74	80.15	88.36
2024-08-12	119.57	9.02	96.37	109.62	127.05	92.02	2.63	67.32	67.39	68.45	83.69	6.69	67.15	79.61	88.65
2024-08-19	122.73	9.94	98.79	111.73	130.46	81.88	4.03	67.34	67.52	78.24	85.19	6.33	69.08	81.76	91.12
2024-08-26	119.86	8.61	98.04	111.92	127.05	99.21	5.78	67.33	67.6	80.74	88.62	6.82	71.2	82.86	94.57
2024-09-02	115.76	7.18	98.05	108.93	122.7	84.8	5.22	67.33	67.44	80.26	85.43	6.45	68.82	80.62	89.74
2024-09-09	116.29	8.55	94.66	109.58	123.18	85.88	3.85	67.34	67.57	77.1	84.65	6.37	68.68	78.76	89.35
2024-09-16	123.21	9.81	99.28	113.91	130.31	95.79	5.75	67.33	67.45	77.7	83.06	6.16	67.78	77.37	88.27
2024-09-23	117.29	7.54	98.47	110.33	123.37	96.56	5.28	67.34	68.06	79.42	83.45	5.66	68.62	79.29	87.95
2024-09-30	114.24	6.48	98.66	109.17	119.77	79.43	3.3	67.36	67.89	75.65	83.19	5.21	70.66	78.77	87.17
2024-10-07	121.44	7.19	97.06	108.87	120.05	81.86	3.91	61.43	67.53	70.8	83.88	5.84	67.93	77.62	86.33
2024-10-14	120.34	8.08	99.58	110.41	128.59	68.64	4.58	61.35	62.19	74.5	85.14	7.05	68.62	78.41	91.5
2024-10-21	121.75	9.09	98.28	108.62	129.32	66.82	3.27	61.38	62.35	71.06	81.81	6.23	66.66	78.08	86.58
2024-10-28	113.86	6.53	98.24	108.83	120.08	66.12	3.02	61.38	63.15	70.54	83.72	5.02	69.51	78.69	85.66
2024-11-04	120.32	9.3	96.54	109.6	126.73	66.31	3.41	61.34	62.32	72	82.83	6.13	68.78	77.62	89.37
2024-11-11	126.83	10.75	98.04	110.06	134.51	67.64	3.39	61.44	65.14	72.69	84.8	4.9	73.36	81.88	89.46
2024-11-18	125.84	9.43	101.1	112.55	132.77	74.73	3.09	61.53	65.51	71.59	87.26	5.2	74.18	83.6	91.53

2024-11-25	117.55	7.75	98.38	110.84	124.43	64.73	2.08	61.4	63.42	66.62	80.87	4.45	69.77	79.25	84.79
2024-12-02	121.51	9.51	98.95	113.82	127.5	73.49	3.35	62.4	64.39	72.09	83.44	3.42	76.13	81.18	87.14
2024-12-09	129.73	9.84	100.75	113.84	133.7	68.03	2.41	61.47	64.79	67.93	84.72	4.41	74.62	82	88.76
2024-12-16	129.24	10.09	101.32	115.04	134.19	67.99	3.42	61.7	65.62	73.33	84.52	4.64	73.82	82.91	88.71
2024-12-23	119.03	8.76	95.53	109.18	125.71	83.34	2.92	62.02	65.7	71.23	85.4	3.63	76.35	83.56	88.87

Table 11c: Port Renfrew weekly sound pressure levels (SPL) in decibels (dB). Mean (Avg) and standard deviation (Std), Q₅, Q₅₀ and Q₉₅ levels for rain and commercial vessels are given.

Date	Avg 19500 - 20500 Hz	Std 19500- 20500 Hz	Q5 19500- 20500 Hz	Q50 19500- 20500 Hz	Q95 19500- 20500 Hz	Avg 57-71 Hz	Std 57-71 Hz	Q5 57-71 Hz	Q50 57-71 Hz	Q95 57-71 Hz	Avg 113-141 Hz	Std 113- 141 Hz	Q5 113- 141 Hz	Q50 113-141 Hz	Q95 113-141 Hz
2019-01-01	83.58	7.04	65.57	74.89	88.18	118.41	11.4	86.86	107.01	124.54	102.46	7.02	85.44	96.78	108.51
2019-01-08	78.76	5.6	65.6	74.4	84.2	112.92	8.19	91.2	102.98	120.06	103.25	6.08	88.87	97.98	108.59
2019-01-15	79.69	4.97	66.55	76.02	85.27	122.06	11.93	88.29	104.14	128.39	103.61	6.9	86.9	96.84	108.8
2019-01-22	80.51	6.08	63.63	73.53	83.96	119.62	11.06	90.13	106.75	126.09	102.55	6.82	86.28	97.13	109.09
2019-01-29	79.21	6.46	63.93	73.52	86	113.22	9.95	88.87	105.82	120.19	100.92	6.61	84.47	96.39	106.48
2019-02-05	77	3	70.04	76.91	79.57	112.58	9.88	85.38	102.16	119.01	101.11	7.2	82.95	95.7	107.08
2019-02-12	78.38	4.93	65.23	76.26	81.9	116.59	10.99	86.65	102.47	123.43	101.36	6.77	85.37	95.97	107.6
2019-02-19	77.22	4.71	65.13	74.42	80.73	116.4	9.3	92.11	106.92	122.8	102.78	6.45	87.91	97.75	109.13
2019-02-26	77	3.79	65.31	76.84	79.69	104.82	7.59	85.39	99.84	111.58	99.93	6.73	83.6	94.42	105.54
2019-03-05	74.46	5.07	63.52	73.18	77.72	107.49	6.85	91.24	102.5	114.14	102.97	6.95	85.94	97.77	109.74
2019-03-12	76.49	5.58	63.61	72.93	83.71	108.48	7.23	91.16	102.81	115.05	102.29	7.54	83.73	96.02	108.48
2019-03-19	72.34	4.25	63.62	68.84	75.76	111.1	8.7	89.06	103.96	117.73	103.27	7.89	82.84	96.64	109.27
2019-03-26	74.63	5.6	63.5	68.54	78.69	105.58	6.42	89.98	101.63	111.68	102.87	6.71	86.43	98.11	108.71
2019-04-02	77.99	6	63.85	72.34	83.66	106.14	7.31	87.37	100.16	112.01	102.3	7.25	84.29	95.53	108.46
2019-04-09	78.75	6.42	63.65	73.31	84.72	110.62	8.81	87.48	102.91	118.37	101.49	7.15	83.84	95.71	107.22
2019-04-16	80.47	7.66	63.6	70.18	88.27	109	8.94	85.41	101.73	116.23	101.43	7.23	83.42	95.75	107.51
2019-04-23	74.58	5.22	63.71	70.58	78.93	108.04	8.77	85.38	101.27	114.8	101.78	7.02	83.8	97.1	107.72
2019-04-30	70.34	3.87	63.54	66.4	74.09	104.97	7.35	86.74	99.74	111.55	101.04	6.4	85.94	96.3	107.23

2019-05-07	69.09	3.5	63.52	65.3	73.26	109.41	8.07	89.85	103.94	115.78	102.43	6.3	88.21	97.55	108.41
2019-05-14	77.09	6.34	63.53	66.99	83.7	108.68	8.45	87.22	102	115.83	103.88	6.75	86.63	98.83	109.8
2019-05-21	69.84	3.43	63.53	65.12	73.12	110.51	9.59	86.7	101.5	117.54	101.69	7.09	82.86	97.21	106.75
2019-05-28	75.64	4.7	63.52	68.86	75.82	103.8	6.59	86.78	99.88	108.35	102.79	5.81	88.99	98.54	108.42
2019-06-04	75.34	5.5	63.53	66.17	79.9	103.13	6.07	88.6	100.3	108.29	102.91	5.87	89.25	99.15	108.45
2019-06-11	73.33	4	63.51	65.89	74.19	103.27	6.41	87.35	100.34	108.71	103.71	6.63	86.92	99.46	109.29
2019-06-18	75.6	4.25	63.62	69.26	75.89	103.62	6.25	88.29	100.65	109.02	103.78	6.06	89.4	99.59	109.19
2019-06-25	80.43	6.52	63.51	66.17	86.94	102.55	6.58	86.69	98.43	108.22	102.73	6.06	88.47	98.36	108.74
2019-07-02	76.68	4.17	63.49	64.8	73.66	104.36	7.48	86.58	100.78	110.11	103.65	6.77	87.21	99.05	109.19
2019-07-09	80.23	6.41	63.49	64.93	84.37	102.35	6.25	86.74	98.65	108.05	102.73	6.01	88.3	96.97	107.74
2019-07-16	78.42	5.9	63.53	65.7	82.8	103.17	6.54	87.38	99.81	108.37	103.83	6.33	88.9	98.95	109.89
2019-07-23	73.69	4.11	63.51	65.67	73	102.33	6.29	87.38	98.41	108.12	101.01	5.63	88.18	97.11	106.77
2019-07-30	77.47	5.58	63.51	65.87	79.38	103.23	7.04	86.03	99.72	109.01	101.67	6.01	87.9	97.7	107.47
2019-08-06	73.59	4.35	63.56	65.84	75.34	101.86	6.55	85.16	98.13	107.23	101.44	5.76	87.79	97.98	107.2
2019-08-13	76.24	4.84	63.52	65.38	76.95	102.69	6.89	84.46	99.02	108.25	102.82	6.6	85.43	98.13	108.01
2019-08-20	78.79	5.98	64.14	66.12	83.01	102.39	6.74	85.95	97.45	108.01	101.92	5.84	88.22	97.52	107.48
2019-08-27	75.33	5.06	64.07	65.4	77.15	103.52	7.51	84.63	99.79	108.86	102.1	6.46	86.28	97.51	107.53
2019-09-03	73.58	4.58	64.05	64.88	76.39	102.14	6.93	85.23	97.5	108.29	102.17	6.63	86.05	97.03	107.84
2019-09-10	82.65	8.57	64.06	66.45	90.1	102.11	6.79	85.21	97.52	108.04	102.88	6.7	86.36	97.32	108.4
2019-09-17	79.28	7.27	64.12	68.77	86.58	101.9	6.7	86.11	97.55	108.01	101.97	6.94	84.88	96.9	107.56
2019-09-24	78.69	5.99	64.18	71.46	82.26	104.28	6.86	88.36	99.68	110.26	101.15	6.27	86.3	97.18	107.13
2019-10-01	80.08	7.44	64.09	69.89	87.7	102.67	7.43	84.08	98.65	108.3	102.62	7.03	85.19	96.32	108.84
2019-10-08	74.74	4.83	64.09	73.33	78.49	102.24	7.39	82.69	98.12	108.18	102.04	6.8	85	97.13	107.62
2019-10-15	82.26	7.44	65.51	74.73	89.13	102.76	6.5	87.22	98.39	108.39	100.51	6.59	85.1	95.12	106.91
2019-10-22	78.79	6.36	64.13	73.05	85.7	104.05	7.11	86.92	99.34	110.14	102.49	6.82	86.01	96.41	108.61
2019-10-29	74.02	5.01	64.04	71.55	78.13	103.69	6.71	87.65	100.09	109.27	103.41	6.79	87.23	98.25	109.56
2019-11-05	74.69	4.92	64.03	69.24	78.48	102.13	6.21	87.24	98.96	107.83	103.09	6.69	87.21	97.81	109.02
2019-11-12	82.53	8.09	64.29	72.56	89.31	103.52	6.32	88.79	100.16	108.84	102.53	7	85.57	96.7	108.8
2019-11-19	79.17	5.48	64.3	72.9	82.66	104.42	6.07	89.71	100.93	109.79	103.44	6.5	88.01	97.88	108.9
2019-11-26	77	2.8	70	76.64	79.54	104.44	7.06	86.93	100.88	110.55	103.59	6.74	87.11	98.36	109.57

2019-12-03	78.65	6.55	63.5	70.35	83.03	102.05	7.23	83.18	97.6	107.9	104.19	7.58	84.74	96.65	110.17
2019-12-10	80.69	5.93	65.74	74	86.53	105.27	7.95	84.57	100.97	110.45	101.28	7.21	83.66	95.99	107.74
2019-12-17	80.18	6.23	64.79	75.16	85.81	103.2	7.03	85.6	99.77	109.05	102.31	6.68	86.23	96.94	108.39
2019-12-24	77.48	5.12	64.05	74.59	83.04	104.08	6.67	88.24	100.84	109.77	102.51	6.84	85.58	96.1	108.13
2020-01-01	82.35	4.63	71.99	78.65	87.47	102.52	6.88	86.25	98.51	108.44	100.42	6.34	86.26	94.99	106.33
2020-01-08	80.42	5.56	65.4	77.68	86.1	107.45	7.82	87.98	102.24	113.82	101.54	6.43	86.49	97.19	107.54
2020-01-15	80.31	5.34	66.93	77.3	85.12	104.32	7.31	85.05	100.03	109.91	102.74	7.07	85.09	96.92	108.77
2020-01-22	81.51	6.28	66.5	76.39	87.58	105.28	6.43	90.1	101.53	111.05	102.07	6.2	87.54	97.9	107.93
2020-01-29	83.28	6.79	65.12	76	90.14	102.01	6.33	86.33	98.61	108.07	102.86	6.82	86.05	96.39	108.35
2020-02-05	78.3	5.87	64.02	75	83.93	104.81	7.44	86.02	100.35	110.75	101.65	6.3	86.4	96.67	107.67
2020-02-12	78.4	6.24	63.6	73.19	84.51	103.83	7.76	84.07	99.22	109.61	101.19	7.08	84.32	96.06	107.5
2020-02-19	77.05	5.24	63.78	74.24	80.27	103.62	7.09	86.22	100.26	109.25	103.98	7.03	87.11	97.56	110.15
2020-02-26	77.47	6.23	63.66	71.74	83.02	103.71	7.5	85.15	99.53	109.36	102.52	7.69	83.78	96.88	108.54
2020-03-04	77.45	6.16	63.61	72.62	82.15	103.35	6.73	86.39	99.96	109.29	101.72	6.89	84.86	96.74	107.93
2020-03-11	77.63	4.97	63.72	75.8	80.23	102.98	6.21	88.17	99.05	108.39	102.28	6.75	86.02	96.56	108.18
2020-03-18	73.37	4.71	63.44	70.5	76.35	102.54	6.01	89.21	99.36	108.19	103.06	6.98	85.98	97.2	109.1
2020-03-25															
2020-04-01															
2020-04-08															
2020-04-15															
2020-04-22															
2020-04-29															
2020-05-06															
2020-05-13															
2020-05-20															
2020-05-27															
2020-06-03															
2020-06-10															
2020-06-17	67.44	2.07	65.15	65.56	70.92	110.14	10.47	85.8	101.19	116.82	101.95	8.02	80.7	97	109.42
2020-06-24	75.39	4.32	65.27	69.64	76.86	108.6	8.43	87.64	102.4	115.68	100.68	5.72	87.49	97.01	106.44

2020-07-01	78.42	6.42	65.14	66.62	86.47	111.17	9.72	87.09	103.61	118.07	102.9	6.4	87.44	98.25	108.44
2020-07-08	77.45	5.89	65.16	66.5	83.97	106.44	8.09	86.38	99.42	113.28	101.27	5.78	87.38	96.99	106.57
2020-07-15	72.01	3.75	65.13	66.65	74.8	108.06	8.42	87.4	101.48	115.17	101.53	6.25	85.54	98.01	106.81
2020-07-22	72.22	3.49	65.18	67.17	74.69	109.35	8.94	86.8	101.93	116.6	102.35	6.57	84.57	98.09	107.74
2020-07-29	75.01	4.46	65.19	67.37	76.9	109.42	8.31	89.6	102.27	116.26	101.02	5.83	86.82	97.51	106.13
2020-08-05	76.85	5.55	65.13	67.07	83.17	105.91	7.39	88.08	99.57	112.8	100.75	5.81	86.69	97.36	106.14
2020-08-12	76.31	4.6	65.17	66.77	77.22	106.98	7.73	87.76	100.48	114.26	100.34	6.08	84.95	97.32	105.42
2020-08-19	79.86	6.89	65.18	67.8	86.76	110.43	8.89	88.75	102.76	117.38	101.32	5.86	87.66	98.12	106.48
2020-08-26	73.77	4.23	65.16	67.51	76.2	109.27	8.22	89.91	103.02	115.73	101.84	5.62	88.59	98.77	106.8
2020-09-02	75.58	4.88	65.12	67.15	78.54	107.57	7.25	90	101.35	114.78	100.89	5.7	87.19	97.81	106.26
2020-09-09	77.17	6.08	63.18	68.39	80.96	101.83	6.56	85.66	98.27	107.55	101.67	6.09	87.47	96.83	107.5
2020-09-16	74.08	5.18	63.11	64.54	78.3	103.14	6.98	85.18	100.42	108.62	102.47	6.74	85.17	97.39	107.68
2020-09-23	80.52	7.5	63.18	68.52	87.58	102.78	7.27	84.49	98.61	108.3	100.48	6.35	84.99	95.84	106.56
2020-09-30	71.16	4.38	63.1	64.41	74.57	102.73	6.77	85.75	99.29	108.27	101.95	6.47	86	96.06	107.65
2020-10-07	80.25	8.32	63.1	69.67	87.67	102.82	6.46	87.47	99.23	108.34	102.7	6.68	86.47	96.73	108.1
2020-10-14	76.68	5.89	63.22	70.16	80.48	106.12	7.37	88.18	101.5	111.88	102.39	6.65	86.37	97.42	107.72
2020-10-21	75.09	4.48	63.63	72.41	78.09	112.66	7.2	87.99	101.04	111.56	112.55	6.45	87.78	99.12	108.92
2020-10-28	77.73	6.49	63.36	72.06	85.4	102.87	7.13	84.86	99.43	108.5	102.34	7.28	84.69	96.37	108.22
2020-11-04	77.04	6.1	63.63	72.84	82.66	103.2	6.7	86.86	99.74	108.88	101.51	6.42	86.25	96.39	107.37
2020-11-11	80.12	5.81	65.34	75.84	86.2	106.39	7.06	88.91	101.29	112.65	102.07	6.22	87.54	97.05	108.13
2020-11-18	78.67	5.77	63.85	73.98	85.27	108.22	7.65	87.76	100.8	112.65	103.52	6.71	87.6	98.31	109.46
2020-11-25	78.42	5.27	64.82	75.71	83.53	104.11	7.22	86.2	100.12	110.27	101.82	6.78	85.47	95.88	107.75
2020-12-02	80.34	6.33	63.9	73.69	85.18	103.99	7.9	84.52	99.98	110.1	102.61	6.62	87.1	97.03	108.98
2020-12-09	80.52	6.38	64.5	75.25	87.53	107.3	7.31	89.25	101.29	113.33	103.09	6.38	88.27	97.26	108.64
2020-12-16	80.57	5.99	65.13	76.63	86.6	107.23	7.97	86.97	100.58	112.88	100.95	6.18	87.12	96.29	106.92
2020-12-23	78.94	3.64	71.37	76.92	84.09	103.24	7.54	84.7	99.01	109.44	101.26	7.02	84.47	95.58	107.33
2021-01-01	80.04	6	66.09	76.3	85.53	107.52	8.52	84.46	101.18	113.88	100.43	7.43	82.73	95.26	106.72
2021-01-08	80.46	5.69	65.54	76.19	87.42	108.1	7.2	90.15	102.26	114.84	102.35	6.53	86.27	97.33	107.63
2021-01-15	75.75	4.67	64.77	72.11	79.74	104.85	7.13	87.38	99.97	111.46	103.18	7.18	85.68	97.2	109.2
2021-01-22	76.31	4.5	65.05	74.44	80.37	103.48	6.55	87.96	99.92	109.57	102.9	7.27	84.43	97.02	108.61

2021-01-29	79.4	6.17	63.56	73.75	84.1	106.09	8.52	84.62	100.24	112.65	101.61	7.44	82.71	95.75	107.57
2021-02-05	77.19	5.24	63.96	75.05	80.64	106.11	6.89	89.07	102.07	112.15	103.77	7.05	86.58	98.4	110.06
2021-02-12	77.78	3.96	68.84	76.93	80.63	103.54	7.15	85.71	99.37	109.51	102.26	7.2	83.74	95.54	108.26
2021-02-19	80.15	6.17	64.03	76.18	84.86	104.4	6.76	87.7	100.58	110.16	102.43	7	84.96	96.75	108.11
2021-02-26	76.29	5.99	63.55	72.62	79.65	109.94	6.94	88.29	101.41	111.12	104.76	7.3	84.68	96.58	108.76
2021-03-05	78.92	5.54	64.07	74.93	83.89	103.76	7.09	87.37	99.18	110.01	103.14	7.54	84.84	96.4	109.73
2021-03-12	81.06	5.38	63.49	71.35	78.21	104.29	7.33	86.21	100.21	110.03	103.63	7.27	85.87	97.02	108.74
2021-03-19	78.61	5.28	64.53	75.97	83.69	103.86	7.65	84.47	99.8	109.95	101.45	7.1	83.61	96.01	107.24
2021-03-26	75	5.4	63.54	71.68	79.57	104.82	6.39	89.46	101.14	110.68	102.96	6.99	85.14	97.1	108.54
2021-04-02	74.04	4.67	63.59	71.27	77.96	104.55	6.32	89.17	100.25	110.23	102.02	6.43	86.8	96.77	108.26
2021-04-09	74.93	5.08	63.54	73.66	79.26	103.98	7.15	85.98	99.26	109.91	102.25	7.1	85.36	96.51	108.26
2021-04-16	69.94	3.56	63.46	65.16	73.28	102.57	6.45	87.42	98.6	108.51	102.94	6.76	86.17	96.81	108.32
2021-04-23	74.06	5.63	63.45	66.1	81.28	103.96	8	84	98.3	110.04	102.67	7.72	82.7	96.37	108.61
2021-04-30	74.95	5.2	63.52	68.52	80.23	104.97	6.69	88.93	101.08	110.72	101.84	6.11	87.13	97.05	107.82
2021-05-07	74.9	5.72	63.46	67.72	81.27	103.93	7.32	85.47	98.97	110.12	103.86	7.47	84.47	97.04	109.47
2021-05-14	74.28	5.13	63.5	69.01	77.74	103.86	7.85	83.34	99.79	109.32	101.89	7	84.58	96.28	107.68
2021-05-21	81.77	7.89	63.51	67.34	88.52	104.82	7.01	87.16	100.18	111.51	102.15	6.7	85.75	97.07	107.7
2021-05-28	76.32	5.11	63.5	66.35	77.47	112.33	7.57	89.39	100.96	114.03	104.95	6.2	88.36	98.21	108.51
2021-06-04	75.78	5.84	63.13	68.77	82.31	104.68	6.51	85.84	97.51	107.18	102.79	6.45	86.69	97.05	107.02
2021-06-11	77.94	6.82	62.98	64.96	83.98	102.42	6.97	85.05	97.51	108.98	102.7	6.94	85.89	96.82	108.3
2021-06-18	71.06	4.02	63.03	65.83	73.24	102.15	6.68	86.24	98.23	108.19	101.56	6.1	86.7	97.45	107.25
2021-06-25	70.61	4.65	63.02	64.46	77.71	102.28	7.18	84.84	97.38	108.8	103.12	6.46	87.42	97.29	108.16
2021-07-02	71.09	3.99	63	64.82	72.86	100.75	6.8	84.02	96.88	107.05	101.47	6.36	85.39	96.82	107.03
2021-07-09	72.43	4.06	63.14	67.51	73.77	101.01	6.38	85.01	97.18	106.72	100.44	5.53	86.88	96.53	105.69
2021-07-16	74.68	4.45	63.1	65.3	73.79	100.42	6.18	85.9	96.4	105.94	100.97	5.75	87.3	97.58	106.13
2021-07-23	71.63	4.15	63.07	66.13	73.7	102.45	7.05	85.23	98.17	108.53	101.69	6.44	86.06	97.39	107.47
2021-07-30	74.1	4.5	63.48	67.47	75.94	100.09	6.04	86.01	96.05	106.07	101.36	5.9	86.86	97.59	106.27
2021-08-06	72.24	4.22	63.38	64.77	73.98	101.84	7.51	82.32	97.19	107.99	100.98	6.21	86.08	96.67	106.56
2021-08-13	72.86	4.28	63.45	66.57	74.23	101.32	6.56	85.8	96.41	107.59	100.61	5.88	86.27	96.84	106.13
2021-08-20	72.65	4.06	63.38	65.2	73.89	101.36	6.16	86.82	97.06	107.46	101.49	5.73	88.18	98	106.88

2021-08-27	73.6	4.41	63.35	65.55	74.66	101.09	6.04	86.93	96.6	106.91	100.42	5.63	87.2	97.09	106.03
2021-09-03	77.65	6.6	63.41	65.85	84.42	101.45	6.04	87.04	97.17	107.34	102.25	6.03	87.71	97.83	107.74
2021-09-10	76.9	6.14	63.38	67.29	82.72	102.85	5.82	89.4	98.93	108.87	103.21	5.6	90.26	99.24	108.48
2021-09-17	79.91	8.03	63.37	67	87.58	102	5.83	88.27	98.6	107.58	102.17	6	88.44	98.12	107.9
2021-09-24	79.54	7.36	63.45	69.12	86.8	102.46	6.2	87.86	98.14	108.09	102.27	5.99	88.22	97.85	108.12
2021-10-01	78.78	6.68	63.45	68.43	85.32	103.19	6.71	87.33	98.24	108.87	102	5.93	88.29	97.8	107.89
2021-10-08	79.17	6.61	63.69	73.11	85.9	107.99	6.09	90.56	99.91	109.97	108.35	5.55	89.32	97.77	107.18
2021-10-15	82.53	8.51	63.59	72.42	89.15	103.42	6.25	88.53	98.94	109.45	102.55	6.33	87.81	96.9	108.48
2021-10-22	80.68	6.66	64.44	76.52	86.53	105.21	6.71	89.7	100.54	111.72	100.98	5.71	87.75	96.99	106.75
2021-10-29	80.89	6.85	63.3	74.97	87.67	104.12	7.01	86.98	99.51	110.89	102.57	6.09	88.13	97.24	108.85
2021-11-05	80.04	4.78	68.7	76.52	84.65	108.89	8.7	85.77	102.56	115.5	101.87	6.2	87.04	98.14	107.64
2021-11-12	82.22	5.97	67.65	76.8	88.19	105.28	6.64	89.56	100.63	111.88	105.65	6.22	88.74	97.92	108.5
2021-11-19	77.41	4.91	63.77	74.49	82.71	104.88	8.37	82.91	100.45	111.11	102.33	7.01	84.08	96.92	107.59
2021-11-26	83.47	8.2	63.97	76.94	89.92	103.24	7.83	83.57	98.68	109.05	100.76	7.2	83.11	94.87	106.97
2021-12-03	76.56	4.16	65.37	75.51	79.53	108.79	9.61	84.62	102.13	115.41	106.48	7.27	84.87	97.56	107.86
2021-12-10	79.01	4.16	68.91	76.55	82.87	104.42	7.31	86.02	100	111.01	101.13	6.18	86.75	96.43	107.54
2021-12-17	79.65	4.53	68.2	77.17	84.96	107.32	7.24	89.46	102.81	113.81	102.98	6.39	87.43	98.9	108.48
2021-12-24	78.33	3.68	69.93	76.7	81.91	103.56	7.23	86.07	98.93	109.16	100.01	6.39	85.08	94.53	105.99
2022-01-01	82.17	4.87	69.5	76.77	85.97	110.43	9.8	83.5	101.78	117.81	102.38	7.24	85.16	96.86	108.6
2022-01-08	82.99	7.19	64.59	75.08	90	104.69	6.02	90.44	101.43	110.24	103.59	5.93	89.51	99.1	109.55
2022-01-15	78.84	6.51	63.56	69.93	85.25	107.96	8.65	85.62	101.59	114.23	103.56	7.05	86.11	97.45	109.17
2022-01-22	74.73	3.14	66.59	74.65	77.11	103.74	7.39	84.94	99.79	109.57	101.67	7.19	84.33	96.12	107.58
2022-01-29	76.96	5.99	63.39	72.48	82.37	107.56	7.37	89.74	102.31	114.31	102.85	6.14	88.74	98.72	108.63
2022-02-05	76.12	5.87	63.18	69.16	79.01	103.67	6.46	87.56	99.5	108.79	101.64	6.89	84.8	96.69	107.51
2022-02-12	73.15	4.82	63.2	70.35	76.35	105	7.06	87.51	101.02	110.77	104.01	7.19	85.75	97.3	109.67
2022-02-19	74.62	5.28	63.1	73.4	78.22	102.68	6.68	87.25	99.19	108.25	102.85	6.69	86.88	97.1	108.26
2022-02-26	80.69	7.53	63.35	73.11	87.25	106.16	6.96	89.41	101.31	112.85	101.24	6.27	86.27	96.61	106.57
2022-03-05	75.68	5.53	63.34	71.51	80.38	106.84	7.15	85.97	100.35	109.56	104.98	7.34	83.81	97.6	108.22
2022-03-12	81.15	6.8	65.8	75.77	87.72	103.04	6.19	89.12	99.66	108.71	101.07	6.28	87.07	97.43	106.84
2022-03-19	81.53	6.81	65.69	75.8	88	103.09	6.81	86.35	99.09	108.77	101.59	7.11	84.3	97.23	107.83

2022-03-26	77.71	5.49	65.46	70.47	83.17	102.97	7.01	85.27	99.66	108.64	101.97	7.24	84.11	97.05	107.89
2022-04-02	82.22	6.03	67.44	78.05	88.37	103.29	5.9	89.26	99.89	108.4	103.28	6.22	88.81	97.23	108.78
2022-04-09	77.7	5.25	65.8	75.07	81.57	102.77	6.4	87.7	98.03	108.19	102	6.46	86.42	96.45	107.42
2022-04-16	80.47	5.95	65.91	75.81	85.95	103.08	6.85	86.44	99.29	108.99	101.36	6.71	84.71	96.44	107.01
2022-04-23	77.06	5.47	65.69	69.74	82.34	102.1	6.5	86.44	97.99	107.48	101.6	6.7	85.51	95.77	107.21
2022-04-30	81.7	7.62	65.88	73.11	89.02	102.91	6.46	87.21	98.76	108.68	103.27	6.6	86.22	96.84	107.52
2022-05-07	80.72	6.33	65.85	74.15	87.45	103.72	7.53	84.39	98.91	109.29	100.93	6.27	85.51	96.26	106.38
2022-05-14	79.42	6.14	65.92	73.36	86.19	104.67	7.07	87.44	100.97	110.7	101.5	5.84	87.57	98.23	106.7
2022-05-21	77.88	5.75	65.77	69.71	84.57	103.25	7.73	83.72	99.27	108.88	102.34	6.5	86.69	97.9	108.04
2022-05-28	78.17	6.1	65.72	67.74	83.52	102.82	7.34	84.88	98.73	108.15	101.7	6.56	86.34	96.39	107.51
2022-06-04	81.15	7.4	65.8	69.64	88.94	101.44	6.54	85.55	97.27	106.94	100.83	6.18	86.48	96.64	106.23
2022-06-11	76.55	5.48	65.81	68.9	81.01	103.16	6.6	87.62	99.48	108.82	101.81	5.64	88.22	97.95	107.07
2022-06-18	75.42	4.12	65.79	67.61	75.56	101.65	5.9	87.59	98.35	107.28	102.49	5.58	89.79	98.18	107.98
2022-06-25	75.07	4.62	65.71	66.69	78.9	102.54	6.76	85.17	98.16	107.58	104.55	6.02	87.53	96.88	106.69
2022-07-02	81.18	7.58	65.71	67.18	88.69	113.41	7.33	83.75	97.17	107.07	104.84	6.4	86.76	96.41	106.87
2022-07-09	72.62	3.84	65.75	67.25	76.18	105.14	7.31	87.88	99.74	111.42	101.13	5.63	87.89	97.69	106.18
2022-07-16	76.03	4.88	65.73	67.29	78.71	103.46	6.74	87.39	98.84	109.61	101.91	5.71	88.29	97.15	107.25
2022-07-23	72.21	3.69	65.68	68.48	76.02	101.89	6.77	85.23	97.48	107.46	100.39	5.57	87.16	96.19	105.64
2022-07-30	72.78	3.74	65.74	69.04	75.88	101.13	5.93	87.16	97.32	106.69	100.73	5.51	87.04	97.04	105.67
2022-08-06	73.34	4.22	65.71	66.94	77.43	103.64	6.71	87.61	98.84	109.84	100.67	5.16	88.54	97.67	105.81
2022-08-13	76.44	4.83	65.73	67.43	79.4	103.96	6.76	88.04	98.46	110.08	103.15	5.92	88.11	98.78	108.05
2022-08-20	75.11	4.19	65.74	68.24	76.46	102.53	5.44	88.68	98.59	106.34	102.65	5.17	89.78	98.04	105.89
2022-08-27	75.02	4.76	65.7	66.57	79.01	100.87	5.91	86.35	97.65	105.98	100.7	5.18	88.16	97.62	105.74
2022-09-03	79.19	5.13	65.82	66.87	78.44	103.56	6.9	86.54	99.66	109.43	105.23	5.97	86.72	97.58	106.62
2022-09-10	75.6	4.86	65.73	68.4	78.54	102.87	6.05	88.38	98.46	108.96	104.7	5.69	90.5	99	109.07
2022-09-17	77.4	5.51	65.7	69.1	82.49	101.26	5.84	87.09	97.66	106.91	102.62	5.4	89.88	98.64	108.08
2022-09-24	77.31	5.26	65.77	68.45	81.26	102.39	5.53	89.33	98.39	107.82	102.63	5.73	89.07	98.43	108.11
2022-10-01	72.2	3.78	65.73	66.7	75.83	103.16	6.27	88.68	98.92	109.04	101.87	5.69	88.21	97.29	106.98
2022-10-08	71.37	3.55	65.69	66.41	75.31	103.63	6.24	89.01	100.22	109.45	101.49	5.76	87.73	97.61	106.9
2022-10-15	72.36	4.46	64.28	65.99	77.35	111.81	6.7	87.21	97.55	107.82	108.88	6.22	86.37	96.3	106.7

2022-10-22	79.97	6.94	64.48	74.13	86.49	102.68	7.21	84.09	99.08	108.76	101.04	6.58	85.39	96.37	106.97
2022-10-29	82.81	8.4	64.51	75.01	88.99	103.28	6.67	86.62	99.68	108.87	101.27	5.84	87.77	97.03	106.56
2022-11-05	78.72	4.28	66.9	77.31	82.45	102.01	7.4	83.83	98.27	107.8	100.41	6.4	85.2	95.53	105.97
2022-11-12	76.98	3.57	68.2	75.88	79.88	102.95	6.49	86.69	98.7	108.78	101.05	6.29	86.48	96.02	107.15
2022-11-19	78.22	4.83	66.4	75.42	83.58	102.96	6.82	86.4	98.93	108.89	101.57	6.51	85.93	96.17	107.21
2022-11-26	79.24	4.61	67.54	76.88	83.65	104.26	7.22	85.92	100.38	110.24	100.95	6.15	86.52	96.84	107.03
2022-12-03	79.63	4.92	65.47	77.67	83.32	102.7	6.35	86.85	99.37	107.81	102.43	6.38	87.19	96.77	107.54
2022-12-10	77.92	5	65.31	75.23	83.44	103.19	6.42	88.34	99.53	109.04	100.6	6.47	85.39	95.9	106.88
2022-12-17	80.24	4.63	69.23	78.72	83.44	104.32	7.1	86.69	99.86	110.48	101.42	6.32	86.43	96.78	106.79
2022-12-24	83.99	6.53	67.98	79.26	90.5	105.6	7.8	85.83	99.93	111.75	100.3	6.27	85.07	95.58	105.52
2023-01-01	78.17	4.42	67.99	75.8	82.41	103.82	7.3	85.82	99.83	109.8	101.08	6.85	84.67	95.5	107.61
2023-01-08	83.27	6.67	66.46	77.92	89.31	103.6	7.25	85.88	99.7	109.79	101.83	7.19	83.01	96.11	107.76
2023-01-15	81.24	6.64	65.12	75.28	86.6	105.26	7.93	84.74	99.82	111.5	101.88	7.22	84.19	96.92	107.64
2023-01-22	77.23	5.73	64.36	71.27	83.4	107.56	7.39	88.51	100.75	112.82	104.1	6.67	86.8	97.08	107.82
2023-01-29	78.37	4.37	65.76	76.02	81.97	102.91	6.45	87.55	98.84	108.82	102.07	6.71	86.18	96.71	108.63
2023-02-05	80.33	5.39	67.07	76.49	86.09	103	6.92	86.24	98.87	109.22	100.15	6.45	84.78	95.35	106.2
2023-02-12	78.14	6.2	64.48	74.9	83.94	103.1	7.22	84.45	98.29	109.15	101.21	7.24	83.72	95.72	107.7
2023-02-19	78.24	4.33	66.66	77.91	81.11	104.32	7.32	86.11	99.82	110.42	101.38	7.03	83.22	95.51	106.8
2023-02-26	79.85	5.07	65.52	77.39	84.21	102.33	6.38	87.07	98.37	108.26	99.77	6.33	85.03	94.98	105.35
2023-03-05	77.92	5.66	64.28	74.99	81.89	101.8	6.93	84.68	97.94	107.02	101.23	7.15	83.64	96.15	107.76
2023-03-12	78.58	5.48	64.74	74.59	84.69	102.6	6.31	88.04	99.1	107.76	103.27	6.96	86.05	97.58	108.67
2023-03-19	78.13	6.67	64.39	71.81	84.7	103.17	6.82	86.53	99.61	108.7	101.72	7.14	84.35	96.42	107.73
2023-03-26	79.22	6.24	64.45	72.96	83.44	101.62	6.33	86.58	98.1	107.23	102.21	6.94	84.92	96.9	107.75
2023-04-02	81.8	6.88	64.65	75.55	88.02	102.12	6.57	86.64	98.18	107.61	102.5	7.1	85.36	96.57	108.04
2023-04-09	79.92	6.73	64.68	74.64	86.48	102.97	6.42	87.48	99.76	108.75	103.08	6.61	86.42	96.93	108.2
2023-04-16	81.08	6	65.74	76.86	86.96	102.38	6.37	86.57	99.06	108.2	101.81	6.59	86.03	96.55	107.87
2023-04-23	78.84	6.73	64.45	71.42	86.93	103.72	6.86	87.45	99.96	109.43	101.88	6.08	87.69	97.7	108.13
2023-04-30	73.75	4.8	64.47	68.82	77.97	102.56	7.77	83.07	98.63	108.52	101.56	6.58	85.96	97	107.53
2023-05-07	73.75	4.89	64.46	67.11	76.99	103.26	6.72	87.51	99.77	108.92	102.31	6.42	86.99	97.43	107.95
2023-05-14	72.92	4.46	64.45	66.96	77.7	102.55	6.92	85.3	98.33	107.89	101.98	6.74	85.37	97.38	107.71

2023-05-21	71.61	3.85	64.53	68.24	75.81	102.97	6.32	87.66	98.96	108.51	102.66	6.31	87.13	97.61	108.24
2023-05-28	72.99	4.28	64.54	70.74	77.51	101.21	6.4	85.58	97.6	106.92	100.94	5.7	87.58	97.44	106.46
2023-06-04	76.19	6.04	64.51	70.04	82.42	102.91	6.31	87.28	99.82	108.31	102.52	5.81	89.12	98.31	107.95
2023-06-11	74.47	4.5	64.46	66.95	75.8	101.05	6.03	87.11	97.24	106.68	99.65	5.91	85.67	95.82	105.06
2023-06-18	78.06	5.52	64.52	68.48	80.48	102.69	6.78	86.35	98.22	108.35	102.14	6.08	87.27	96.97	107.94
2023-06-25	75.92	4.55	64.61	69.57	77.42	100.96	5.99	86.48	97.37	106.63	101.34	5.64	87.99	97.34	106.53
2023-07-02	73.02	4.7	63.46	64.85	75.98	111.71	9.19	87.02	100.62	115.71	106.67	5.73	86.31	96.9	105.42
2023-07-09	69.95	3.56	63.45	65.29	73.17	102.57	6.97	86.21	98.19	108.3	99.34	5.31	87.14	95.36	104.7
2023-07-16	71.11	3.67	63.67	66.7	73.57	104.51	6.34	90.21	99.91	110.31	99.38	4.52	89.73	96.52	104.48
2023-07-23	76.16	5.56	63.44	64.99	81.13	101.91	6.53	85.71	98.26	107.51	99.97	5.19	87.88	96.26	105.29
2023-07-30	71.52	3.62	63.47	65.78	72.82	108.13	8.48	88.5	100.53	114.96	100.53	6.1	85.15	97.03	105.19
2023-08-06	76.32	5.44	63.47	65.3	80.13	102.64	7.29	85.59	99.03	108.31	100.17	5.24	87.57	96.66	104.76
2023-08-13	72.97	4.28	63.42	64.4	74.88	104.38	7.03	87.91	100.3	110.25	100.45	5.58	86.62	97.07	105.03
2023-08-20	72.36	3.95	63.48	65.01	72.73	101.31	6.07	87.58	98.11	106.87	100.55	5.82	86.83	96.73	106.08
2023-08-27	74.56	5.2	63.45	65.31	78.41	106.08	7.48	87.68	101.24	112.46	101.05	5.85	86.19	96.7	105.69
2023-09-03	71.66	4.1	63.44	64.57	74.51	103.7	6.42	88.92	99.9	109.25	101.3	5.71	88.1	97.5	106.97
2023-09-10	73.65	4.22	63.38	64.88	74	103.8	6.29	89.73	99.7	109.68	100.8	5.6	87.48	96.8	105.8
2023-09-17	76.68	5.15	63.43	66.22	76.35	103.54	5.95	89.61	100.21	108.78	100.8	5.46	88.33	97.12	106.36
2023-09-24	78.85	6.73	63.63	70.2	84.92	106.75	7.08	89.11	101.42	112.21	100.48	5.85	86.91	96.78	106.1
2023-10-01	91.19	6.09	63.43	67.01	78.12	110.61	7.18	89.66	100.69	113.18	106.02	5.71	89.11	97.09	107.56
2023-10-08	77.34	6.28	62.34	68.27	83.31	101.65	5.61	88.72	97.89	107.12	100.55	6.12	86.46	95.54	106.76
2023-10-15	81.49	8.21	62.8	70.67	88.27	108.12	8.09	87.15	99.74	114.47	100.55	6.01	86.14	96.08	106.27
2023-10-22	77.59	6.36	62.61	73.42	83.84	104.56	6.68	89	99.41	110.35	100.99	5.54	88.19	96.26	105.98
2023-10-29	79.56	5.78	64.75	73.64	86.14	110.35	8.16	90.04	102.46	117.26	102.11	6.15	88.21	97.79	107.62
2023-11-05	79.3	6.06	64.22	74.05	85.66	101.97	7	85.01	97.39	107.77	100.26	6.3	85.82	94.67	106.79
2023-11-12	76.48	5.16	62.67	73.99	80.58	112.73	8.76	89.72	103.08	119.72	102.01	5.86	88.17	98.19	107.34
2023-11-19	76.85	5.29	63.05	74.36	80.74	105.02	7.05	87.72	100.86	110.29	102.34	6.3	86.85	97.07	107.72
2023-11-26	80.92	4.69	67.07	74.31	83.21	110.98	8.49	89.81	103.64	118.12	103.17	6.42	87.68	98.88	108.81
2023-12-03	80.03	7.24	63.03	72.14	86.8	104.45	7.11	86.7	100.64	110.23	101.81	6.94	84.5	96.21	107.63
2023-12-10	77.91	5.52	64.01	74	83.59	111.97	8.89	90.04	104.21	118.89	104.54	6.68	88.02	99.79	109.32

2023-12-17	76.1	6.45	62.26	72.9	82.19	107.26	6.91	90.65	101.59	112.89	102.15	6.15	87.9	97.56	107.89
2023-12-24	78.58	4.72	67.24	75.29	84.2	112.45	9.84	87.49	103.22	119.87	101.65	6.57	85.6	97.2	107.21
2024-01-01	76.83	5.41	63.22	73.56	82.45	104.16	6.98	87.91	99.94	110.09	101.08	6.4	85.73	95.67	107.12
2024-01-08	78.31	4.49	66.38	77.24	82.68	115.3	9.41	92.16	105.91	122.77	104.4	6.33	90.15	100.34	110.37
2024-01-15	78.66	4.34	69.97	76.87	83.13	106.45	7.34	87.88	100.7	112.14	101.83	6.12	87.52	97.21	107.43
2024-01-22	82.16	8.32	63	73.92	89.35	109.59	7.84	89.42	101.81	115.15	102.24	6.34	87.33	97.69	107.96
2024-01-29	77.22	5.85	63.77	71.73	83.46	104.04	6.88	86.86	99.35	109.65	102.61	6.75	86.06	96.9	108.18
2024-02-05	75.43	5.02	62.74	71.53	80.06	112.32	9.78	85.93	102.97	120.71	104.24	7.4	85.1	99.46	109.89
2024-02-12	76.81	4.44	64.45	75.18	78.87	104.49	6.48	89.04	100.63	110.17	102.69	6.16	87.94	97.5	108.72
2024-02-19	74.95	5.75	62.29	70.42	81.29	105.55	6.58	89.64	101.4	110.17	101.47	6.01	87.28	96.78	106.93
2024-02-26	79.03	5.18	66.91	76.15	84.5	103.84	7.9	84.74	99.28	110.03	102.49	7.82	83.11	95.81	108.62
2024-03-04	77.93	5.94	62.9	73.84	84.03	104.49	6.21	86.25	97.45	106.53	108.03	7.17	84.4	95.11	108.22
2024-03-11	76.13	5.12	62.9	73.46	81.1	102.25	6.28	86.84	99	107.42	101.09	6.59	84.96	95.95	107.58
2024-03-18	75.63	6.11	62.69	67.6	82.14	101.8	6.28	86.74	98.03	107.56	100.26	6.66	84.38	95.5	106.16
2024-03-25	76.31	6.53	62.69	70.56	82.72	101.76	7.34	84.22	96.93	107.57	101.04	7.6	82.02	95.08	107.2
2024-04-01	73.57	5.35	62.73	68.6	79.89	101.46	6.35	86.02	97.22	107.25	101.36	6.16	86.71	96.09	106.74
2024-04-08	76.76	7.03	62.66	68.54	83.73	101.33	7	83.66	97.61	106.78	101.18	6.92	83.99	96.54	107.38
2024-04-15	73.81	4.76	62.84	72.29	77.22	101.29	7.64	82.56	96.81	107.1	101.63	7.43	83.65	96.55	107.9
2024-04-22	78.22	7.25	62.78	70.79	84.99	101.67	7.15	84.43	97.38	107.7	100.35	6.55	84.18	95.82	105.84
2024-04-29	72.76	5.03	62.75	68.43	77.73	101.17	6.25	86.41	96.86	106.82	100.29	6.07	86.65	95.46	106.23
2024-05-06	73.52	5.21	62.74	67.26	78.37	102.29	6.76	84.22	98.31	107.85	100.88	6.35	84.93	97.34	106.36
2024-05-13	72.02	4.42	62.8	70.89	76.08	102.37	6.72	86.34	97.62	108.23	100.16	5.88	86.47	96.55	105.65
2024-05-20	78.76	7.17	62.76	68.04	86.21	102.04	7.13	84.35	97.67	107.84	101.5	6.43	85.22	96.56	106.54
2024-05-27	77.66	6.85	62.75	66.83	84.98	100.86	6.02	87.43	97.41	106.45	101.31	5.8	88.58	96.88	106.55
2024-06-03	76.94	6.56	62.78	69.05	84.72	101.7	7.09	83.3	97.98	107.17	101.1	6.9	83.67	97.21	106.92
2024-06-10	74.05	5.02	62.73	66.28	75.4	100.73	5.95	87.11	97.13	106.31	101	5.75	87.46	96.85	106.36
2024-06-17	73.17	4.53	62.68	65.14	74.49	100.04	5.8	86.6	96.77	105.44	100.46	5.92	86.31	96.47	106.01
2024-06-24	71.58	4.57	62.69	64.22	76.16	99.92	6.46	84.26	96.39	105.71	100.47	5.85	85.83	97.14	105.8
2024-07-01	68.44	2.81	62.7	65.56	70.57	108.3	8.08	84.72	97.95	112.45	106.36	6.01	84.32	96.73	105.56
2024-07-08	72.62	3.59	65.5	67.99	75.66	103.82	7.16	87.3	98.05	110.33	101.69	5.82	88.11	97.12	107.06

2024-07-15	73.82	4.34	65.51	69.43	78.51	104.22	7.53	86.4	97.37	111.41	100.04	5.38	87.4	96.97	104.97
2024-07-22	73.07	3.65	65.5	68.45	74.93	106.4	7.78	87.87	99.71	113.55	100.26	5.16	88.13	97.53	105.82
2024-07-29	79.66	6.08	65.43	67.54	84.85	106.29	7.79	87.82	100.22	112.91	101.88	5.88	87.48	97.57	106.95
2024-08-05	73.44	3.78	65.54	68.55	75.05	103.34	7.12	86.46	97.91	110.35	99.86	5.53	86.22	96.78	104.94
2024-08-12	77.29	4.95	65.46	66.38	79.49	103.81	7.24	86.65	98.52	110.64	100.14	5.51	86.98	96.94	104.94
2024-08-19	81.8	7.8	65.54	69.1	89.76	105.48	7.08	88.97	99.98	112.45	101.99	5.69	88.3	98.59	107.19
2024-08-26	81.14	6.91	65.49	69.8	87.42	105.62	7.01	88.37	100.66	111.43	103.27	5.33	91.15	99.6	108.47
2024-09-02	76.25	4.92	65.49	67.79	78.34	103.03	6.11	88.86	98.69	109.3	101.35	5.24	89.47	97.36	106.88
2024-09-09	80.28	6.72	65.49	68.27	87.29	101.26	6.55	85.68	97.73	107.23	101.54	6.09	86.47	97.04	106.87
2024-09-16	74.26	4.44	65.48	66.99	77.99	106.02	6.96	89.61	101.33	112.23	101.28	5.34	89	97.87	106.81
2024-09-23	81.06	7.02	65.5	70.17	88.69	104.4	6.48	88.2	100.32	109.79	101.01	5.81	87.46	96.85	106.42
2024-09-30	78.12	5.45	65.69	69.83	83.95	103.89	6.2	89.52	99.88	110.04	101.06	5.7	88.37	97.23	106.61
2024-10-07	76.96	4.9	64.08	68.61	76.81	112.71	7	86.69	99.11	109.08	106.14	6.11	87.45	96.43	106.95
2024-10-14	82.26	9.04	63.3	69.53	89.35	103.82	5.76	90.07	100.57	109.6	100.99	5.21	89.16	97.54	106.39
2024-10-21	78.38	7.08	63.31	69.84	85.7	103.28	6.29	88.74	99.45	109.38	101.21	5.47	88.76	97.32	106.26
2024-10-28	79.07	6.2	63.82	72.16	84.81	102.42	5.76	88.89	99.57	107.78	100.44	5.33	88.64	96.43	106.27
2024-11-04	79.24	7.28	63.42	69.51	87.15	103.52	6.8	87.57	99.69	109.44	102.54	6.11	88.57	97.28	108.27
2024-11-11	80.48	6.05	65.03	75.58	86.46	105.94	7.31	88.38	100.14	112.65	101.91	6.41	87.87	97.24	107.2
2024-11-18	80.46	5.51	65.63	76.95	85.81	106.83	6.59	91.19	102.98	112.64	103.98	5.87	90.84	100.08	109.46
2024-11-25	75.13	4.68	63.96	72.38	79.64	103.44	5.97	88.73	100.63	108.81	104.13	6.42	88.99	99.48	110.08
2024-12-02	80.74	4.74	69.72	74.33	84.99	104.41	6.53	89.02	100.86	110.26	106.99	7.34	89.29	103.61	112.84
2024-12-09	78.01	4.6	65.84	75.1	81.94	107.89	7.16	89.78	101.58	113.4	107.24	7.03	90.57	104.51	112.64
2024-12-16	81.2	5.96	66.53	76.47	87.78	108.17	6.92	91.02	102.87	113.79	109.81	8.79	89.22	102.45	115.76
2024-12-23	80.41	4.85	68.86	76.88	85.57	104.34	7.89	84.43	99.71	110.53	104.04	7.65	84.4	96.1	111.52

Table 12a: Jordan River weekly sound pressure levels (SPL) in decibels (dB). Mean (Avg) and standard deviation (Std), Q₅, Q₅₀ and Q₉₅ levels for broadband and SRKW echolocation and communication ranges are given.

Date	Avg 10-100000 Hz	Std 10-100000 Hz	Q5 10-100000 Hz	Q50 10-100000 Hz	Q95 10-100000 Hz	Avg 15000-100000 Hz	Std 1500-100000 Hz	Q5 15000-100000 Hz	Q50 15000-100000 Hz	Q95 15000-100000 Hz	Avg 500-15000 Hz	Std 500-15000 Hz	Q5 500-15000 Hz	Q50 500-15000 Hz	Q95 500-15000 Hz
2019-01-01	123.78	8.35	103.45	117.54	130.18	95.45	6.55	83.41	86.99	101.48	104.95	5.37	91.31	100.06	109.07
2019-01-08	122.72	7.45	104.83	116.4	128.72	90.48	4.09	83.41	86.92	95.21	104.6	4.93	93.51	101.22	109.66
2019-01-15	124.35	8.8	103.08	115.85	130.79	91.38	4.14	83.43	88.41	95.51	104.05	4.47	93.14	101.21	107.89
2019-01-22	123.99	8.53	103.49	116.49	131	91.11	4.13	83.35	85.62	95.81	104.26	4.83	93.73	100.52	108.55
2019-01-29	121.56	7.97	102.72	115.5	128.31	92.64	4.7	83.39	87.31	97.82	104.11	4.78	92.53	100.99	107.99
2019-02-05	121.32	7.49	102.74	115.95	127.76	90.06	2.89	83.58	88.38	92.18	104.24	4.92	93.39	100.98	109.48
2019-02-12	122.27	7.99	103.32	114.87	129.88	89.06	3.4	83.36	87.85	92.31	102.44	4.06	93.18	100.23	106.71
2019-02-19	124.35	7.67	106.36	118.49	131.17	90.37	4.07	83.38	87.07	95.36	105.03	5.15	92.72	101.95	109.5
2019-02-26	118.75	7.04	102.5	113.55	125.28	89.79	3.13	83.38	88.9	92.67	104.93	4.88	92.61	101.28	108.82
2019-03-05	122.24	6.45	106.77	118.46	128.08	90.91	3.46	82.18	84.01	91.05	105	5.28	93.14	100.82	110.21
2019-03-12	120.49	6.84	103.94	116.08	126.07	88.99	4.35	82.16	83.02	95.97	103.35	5.12	91.84	99.62	108.09
2019-03-19	122.94	7.47	105.13	117.66	128.68	88.4	3.21	82.15	82.93	90.78	104.75	5.43	91.57	100.06	109.71
2019-03-26	121.43	7.09	104.94	116.01	127.67	89.57	4.11	82.16	82.54	92.91	104.95	5.43	91.46	102.75	109.89
2019-04-02	119.8	7.05	103.33	115.33	125.54	90.24	4.7	82.17	83.84	96.1	104.58	5.07	92.77	101.16	109.68
2019-04-09	121.39	7.68	103.38	116.51	126.95	91.88	4.99	82.25	87.4	98.23	104.76	5.04	93.17	101.18	109.77
2019-04-16	124.72	8.27	103.47	118.08	131.81	92.17	5.46	82.21	84.8	99.41	105.15	4.88	94.05	101.11	109.93
2019-04-23	123.66	7.84	104.38	115.85	129.8	88.19	3.96	82.17	83.99	91.85	104.44	4.73	93.92	102.08	109.26
2019-04-30	121.13	7.55	103.35	116.08	127.47	88.61	2.99	82.16	83.4	89.49	105.16	4.76	94.23	101.2	109.97
2019-05-07	121.01	6.95	104.22	116.07	126.82	87.28	3.18	82.15	82.98	91.54	105.39	5.03	93.78	101.83	110.57
2019-05-14	125.15	8.44	102.1	117.56	130.47	91.01	4.48	82.16	84.05	96.15	105.57	5.33	93.23	101.36	110.53
2019-05-21	126.44	8.77	103.15	116.05	132.57	86.74	3.02	82.17	82.62	90.13	104.38	5.1	92.43	100.89	109.31
2019-05-28	121.18	7.03	104.35	114.86	126.7	98.18	3.81	83	88.48	92.5	107.27	4.71	96.64	102.73	111.55
2019-06-04	120.34	7.19	102.87	114.5	126.04	90.25	3.74	82.21	84.15	91.84	104.83	5.01	93.18	100.85	109.98
2019-06-11	121.74	7.02	104.31	115.27	127.2	95.24	4.58	82.21	85.79	91.32	105.84	4.61	95.36	102.03	110.01
2019-06-18	120.12	7.13	102.75	114.67	126.19	92.33	2.84	82.36	86.28	90.54	105.54	4.63	94.97	101.95	109.88

2019-06-25	119.62	7.02	102.75	113.24	125.99	93.42	3.93	82.2	83.64	95.08	106.9	5.12	93.55	100.36	109.96
2019-07-02	123.29	8.4	102.36	114.28	129.79	92.45	3.41	82.26	84.26	90.44	105.06	4.75	93.1	100.55	108.43
2019-07-09	120.19	6.98	102.98	113.55	126.47	92.4	4.01	82.19	83.1	93.63	103.84	5.3	91.43	99.92	108.97
2019-07-16	121.45	7.72	102.63	114.14	126.99	91.07	4.17	82.2	83.53	91.88	103.8	4.85	93.49	100.72	109.01
2019-07-23	122.62	7.27	103.39	112.86	126.96	94	3.46	82.2	83.87	90.36	103.48	5.05	91.28	100.11	107.98
2019-07-30	123.34	8.74	102.45	114.15	130.55	88.78	3.04	82.21	83.37	89.52	102.95	5.37	89.73	99.57	108.3
2019-08-06	119.34	6.86	103.73	113.3	126.01	90.7	3.61	82.24	84.82	90.92	104.39	4.97	91.8	100.56	108.3
2019-08-13	118.75	7.89	99.53	111.9	125.75	89.27	2.9	82.2	83.43	89.04	103.31	5.92	88.31	99.54	108.51
2019-08-20	115.9	6.48	101.1	111.21	122.2	90.45	3.73	83.37	83.76	91.88	103.08	5.66	88.95	97.98	107.91
2019-08-27	117.35	6.77	101.09	112.14	123.52	90.45	3.07	83.37	83.55	90.27	102.81	5.32	90.16	99.26	107.79
2019-09-03	115.69	6.43	101.08	110.96	121.93	90.03	2.84	83.37	83.96	90.38	102.96	5.22	90.44	98.77	107.91
2019-09-10	115.57	6.92	98.45	110.85	121.75	94.75	5.65	83.38	83.64	100.57	103.88	5.75	89.96	99.94	108.79
2019-09-17	116.12	6.52	101.44	111.21	122.23	91.54	5.05	83.4	83.71	98.64	102.48	5.32	89.91	98.08	107.35
2019-09-24	117.57	6.86	101.1	111.79	123.97	89.83	3.66	83.41	84.13	93.15	101.71	5.18	89.71	97.74	106.33
2019-10-01	116.92	7.69	98.64	110.89	123.5	91.51	4.67	83.39	83.74	97.81	103.67	5.63	90.47	99.58	108.35
2019-10-08	115.36	6.17	101.42	110.5	121.42	91.86	3.69	83.4	85.5	91.74	103	5.53	89.3	99.65	108.02
2019-10-15	116.87	6.97	100.02	110.8	123.45	94.55	5.79	83.45	87.61	100.96	103.25	5.62	89.55	98.95	108.47
2019-10-22	118.07	6.99	101.69	112.85	124.49	92.25	4.73	83.38	83.91	98.77	103.84	5.66	90.01	98.83	108.25
2019-10-29	119.96	7.6	101.25	113.46	126.48	87.82	3.06	83.35	83.74	91.66	105.05	5.54	92.11	101.92	109.62
2019-11-05	116.71	6.32	102.05	112.12	122.42	88.63	2.83	83.37	83.93	90.15	103.88	5.64	90.66	100.11	109.07
2019-11-12	119.34	7.96	99.9	112.93	125.6	95.95	6.38	83.36	86.35	103	105.24	5.9	90.58	101.42	109.7
2019-11-19	118.93	6.64	103.34	114.21	124.9	90.89	4.21	83.36	84.26	95.36	105.71	4.82	94.91	101.92	110.56
2019-11-26	125.36	8.52	104.11	115.91	133.15	90.21	2.73	84.35	89.36	92.82	105.44	4.35	95.95	102.65	109.36
2019-12-03	117.48	6.79	101.39	111.49	123.95	93.76	4.62	83.21	85.45	97.08	106.37	5.72	90.92	100.74	109.37
2019-12-10	125.21	9.42	100.99	114.73	131.51	95.59	5.52	83.24	87.2	100.73	104.03	4.71	93.41	100.33	108.84
2019-12-17	120.78	7.57	101.41	113.34	126.65	93.05	5.75	83.21	85.28	99.47	102.35	4.98	91.23	99.63	107.72
2019-12-24	123.89	8.34	102.7	113.19	129.27	91.35	3.67	83.22	86.47	93.3	101.97	4.57	91.47	98.89	106.71
2020-01-01	115.73	5.69	103.2	110.63	121.49	96.07	5.31	83.76	91.8	101.36	103.61	4.43	93.5	101.5	108.02
2020-01-08	129.03	9.87	104.37	115.76	137.43	93.98	4.95	83.29	90.31	100.24	104.52	4.4	95.42	102.48	109.23
2020-01-15	122.46	8.2	101.8	113.22	127.85	92.5	4.77	83.24	88.66	97.28	103.21	5.71	88.75	100.51	108.46

2020-01-22	122.79	7.5	105.26	114.6	128.72	95.51	6.16	83.25	88.82	101.73	105.5	5.08	93.25	101.73	109.81
2020-01-29	117.28	6.24	102.83	111.85	123.26	94.81	6.1	83.24	87.03	101.91	102.71	4.48	93.16	100.96	107.33
2020-02-05	127.3	9.81	101.95	114.56	134.58	91.96	5.13	83.25	85.95	99.13	102.42	4.59	92.04	99.78	107.57
2020-02-12	123.35	8.54	101.23	114.62	128.87	90.49	4.19	83.25	86.56	96.05	101.88	4.49	92.02	99.84	106.66
2020-02-19	119.43	6.51	103.47	113.85	125.16	90.53	3.93	83.26	88.26	93.44	105.34	4.93	92.42	101.15	108.79
2020-02-26	117.81	6.66	101.69	113.2	124.12	89.03	3.78	83.22	85.09	93.55	102.59	4.99	91.37	99.78	107.79
2020-03-04	122.55	7.94	101.23	113.81	126.94	88.8	3.86	83.23	83.95	94.94	102.74	4.93	91.38	100	107.54
2020-03-11	121.35	7.28	104.23	114.08	127.07	90.84	3.74	83.22	89.88	92.92	105.35	4.61	93.6	102.36	108.39
2020-03-18	116.7	6.2	102.71	111.97	123.2	86.74	2.78	83.2	84.33	91.35	102.8	4.64	92.23	100.17	107.72
2020-03-25															
2020-04-01															
2020-04-08															
2020-04-15															
2020-04-22															
2020-04-29															
2020-05-06															
2020-05-13	115.16	6.28	101.12	109.2	121.46	89.73	4.21	82.22	84.06	94.68	104.24	5.34	90.74	99.21	108.29
2020-05-20	118.83	7.12	101.91	112.09	124.72	91.79	4.53	82.43	86.15	98.39	104.13	4.34	94.84	100.45	108.79
2020-05-27	116.95	6.21	102.95	112.65	123.42	90.12	3.07	82.25	85.51	89.85	104.85	4.81	93.89	101.08	109.49
2020-06-03	119.27	7.3	101.64	113.09	125.87	88.98	3.75	82.25	83.76	93.84	104.2	4.87	93.26	100.9	109.36
2020-06-10	115.6	6.66	99.58	110.02	121.7	90.58	4.26	82.19	82.62	95.62	104.33	5.79	89.99	99.36	109.33
2020-06-17	117.02	6.96	100.84	112.33	123.72	87.32	3.09	82.21	83.61	90.06	103.33	4.92	91.72	100.1	108.37
2020-06-24	116.78	6.48	101.4	113.01	122.75	92.38	3.36	82.25	85.35	90.44	102.87	4.69	92.23	100.47	107.72
2020-07-01	118.33	6.9	102.23	112.73	125.02	89.8	3.92	82.25	83.91	94.54	103.62	5	91.44	100.94	108.24
2020-07-08	115.23	6.06	101.38	111.05	120.92	94	3.95	82.21	83.52	93.47	104.42	5.4	90.21	100.81	108.56
2020-07-15	119.33	7.69	101.43	111.81	126.18	86.97	2.86	82.19	84.47	89.54	102.77	4.85	91.26	100.19	108.17
2020-07-22	118.09	6.42	103.55	112.85	124.3	90.09	3.2	82.23	84.14	90.36	103.69	5.11	90.57	99.22	107.72
2020-07-29	120.72	7.64	101.63	112.56	126.5	93.83	3.47	82.21	85.46	90.52	103.2	5.18	90.45	99.44	107.6
2020-08-05	116.19	6.36	101.78	111.46	122.25	87.99	3.52	82.22	83.57	92.48	102.55	5.5	89.43	99.02	107.4
2020-08-12	122	8.1	101.13	112.21	126.24	89.96	2.81	82.16	83.25	89.13	103.26	5.46	87.55	98.97	106.67

2020-08-19	120.31	7.82	101.16	114.53	126.6	92.33	5.22	82.17	82.54	98.21	101.48	5.83	87.3	97.88	106.86
2020-08-26	119.59	7.63	100.84	112.49	125.42	92.78	2.92	82.18	82.69	89.62	101.22	5.67	87.62	97.09	106.54
2020-09-02	119.6	6.75	103.87	114.55	125.2	88.25	3.47	82.18	83.82	91.71	102.56	5.29	89.28	99.05	106.39
2020-09-09	117.58	7.39	100.33	112.04	123.85	91.95	3.67	82.19	83.74	91.85	102.31	5.56	87.89	98.47	106.42
2020-09-16	117.39	6.58	101.95	112.82	123.48	88.2	2.84	83.38	83.64	89.84	101.53	6.22	86.34	97.11	106.86
2020-09-23	116.4	7.34	98.78	110.81	122.47	95.18	6.24	83.39	83.94	102.62	101.02	6.08	86.61	95.83	106.43
2020-09-30	116.79	6.88	100.09	112.74	123.11	86.35	2.13	83.38	83.6	88.38	100.93	6.1	85.85	95.61	105.6
2020-10-07	117	6.14	102.53	112.24	123.03	95.87	6.19	83.38	84.88	101.1	102.63	5.62	89.41	98.94	107.41
2020-10-14	120.17	7.41	101.42	114.08	126.6	91.64	3.65	83.38	84.93	93.06	102.57	5.77	89.29	98.23	108.27
2020-10-21	121.16	7.33	101.43	113.21	126.25	93.76	3.97	82.24	84.89	91.7	106.76	5.89	90.64	100.6	109.37
2020-10-28	118.28	7.82	98.75	112.39	125.04	90.93	4.57	82.18	82.94	95.54	104.26	6.05	89.23	98.56	108.21
2020-11-04	117.31	7.54	99.26	111.88	123.74	90.27	4.49	82.2	83.38	94.93	103.14	5.84	89.85	98.85	108.69
2020-11-11	123.84	8.29	102.75	113.81	129.86	92.65	5.17	82.34	87.91	98.42	103.89	4.83	92.14	101.66	108.64
2020-11-18	124.24	8.74	100.95	113.11	129.31	91.14	5.09	82.19	84.19	97.83	104.15	5.85	90.72	99.59	109.01
2020-11-25	120.08	7.86	101.6	112.84	126.79	93.6	4.91	82.23	84.96	96.78	104.5	5.39	92.46	100.18	109.72
2020-12-02	120.4	7.84	101.05	112.33	127.62	91.06	5	82.16	85.45	97.46	104.3	5.81	89.85	100.42	110.09
2020-12-09	121.98	8.76	100.08	113.9	128.97	94.78	5.7	82.2	86.3	100.12	105.4	6.16	90.5	100.2	110.45
2020-12-16	121.58	8.19	101.54	112.26	128.05	94.19	5.63	82.2	89.12	99.99	102.42	4.24	93.08	100.48	107
2020-12-23	117.28	7.23	100.45	110.81	123.75	90.36	4.21	82.36	87.36	95.46	102.54	4.62	92.04	100.34	107.63
2021-01-01	119.85	8.21	99.12	111.87	126.49	93.32	5.87	82.24	87.63	99.76	103.74	5.26	91.46	100.49	109.19
2021-01-08	125.11	8.55	104.17	116.66	132.76	93.12	5.46	82.36	89.28	99.93	106.13	5.27	94.39	102.4	111.97
2021-01-15	120.67	7.86	101.25	114.49	127.45	89.09	3.5	82.19	84.22	91.56	105.32	5.48	92.13	100.87	110.25
2021-01-22	119.7	7.26	102.01	112.9	125.65	88.77	3.64	82.26	86.23	92.21	104.21	5	92.78	99.79	108.76
2021-01-29	122.15	8.36	101.86	114.25	128.8	92.4	5.32	82.18	85.84	98.32	102.63	5.12	89.96	98.93	107.52
2021-02-05	123.2	7.84	104.32	115.63	129.95	89.78	3.92	82.23	87.7	93.04	105.21	4.53	95.57	101.94	110.06
2021-02-12	121.05	7.47	103.67	113.21	127.9	91.16	3.47	82.63	90.3	92.92	103.71	4.05	94.39	102.1	107.92
2021-02-19	119.36	7.2	101.19	111.95	124.92	91.82	4.8	82.27	88.54	97.44	104.62	4.96	92.78	101.12	108.12
2021-02-26	123.58	7.42	105.3	115.53	128.82	92.15	4	82.22	84.29	92.3	108.1	6.06	90.85	101.38	109.32
2021-03-05	120.91	8.02	101.34	113.59	127.3	91.12	4.48	83.22	84.86	96.35	105.19	5.21	92.5	99.8	109.14
2021-03-12	121.26	7.58	102.63	114.65	127.37	95.11	3.62	83.21	83.56	92.69	107.23	5.38	92.13	101.27	109.76

2021-03-19	117.69	6.54	102.63	112.68	123.96	92.58	4.8	83.3	88.4	98.93	104.52	4.68	93.83	101.21	108.53
2021-03-26	126.35	7.51	104.57	117.68	128.77	88.51	3.32	83.24	86.14	92.56	104.85	5.19	93.11	101.91	109.53
2021-04-02	119.56	7.03	103.74	114.27	126.11	89.11	3.1	83.24	86.32	91.51	103.89	4.47	93.87	101.64	108.59
2021-04-09	118.54	7.04	102.73	113.35	124.71	89.17	3.58	83.21	86.42	92.14	104.73	4.38	95.21	102.31	109.5
2021-04-16	117.31	6.83	100.88	112.96	123.05	89.51	2.56	83.21	83.48	89.84	105.2	4.56	94.35	101.64	109.15
2021-04-23	121.57	8.36	101.05	115.2	127.72	89.36	3.56	83.22	85.37	93.92	104.65	5.23	92.51	100.57	110.2
2021-04-30	123.61	8.02	103.85	115.93	129.44	90.15	3.78	83.24	85.13	92.35	105.27	4.98	93.72	101.21	110.3
2021-05-07	121.23	8.45	100.33	115.18	127.5	89.52	3.43	83.21	84.82	91.93	105.13	5.4	92.28	101.65	110.03
2021-05-14	119.18	7.44	101.31	113.95	125.52	88.94	3.19	83.23	86.38	91.69	104.64	4.45	95.04	101.49	109.32
2021-05-21	122.86	8.17	101.6	115.61	127.46	90.98	3.47	83.24	86.82	92.01	104.56	4.77	94.06	101.08	109.25
2021-05-28	123.63	8.73	101.91	115.1	130.34	89.59	3.39	83.22	84.1	91.37	105.9	5.64	92.03	101.42	110.35
2021-06-04	123.64	7.08	103.27	113.54	125.52	94.62	4.48	82.25	83.77	92.91	109.86	5.08	93.55	100.68	109.73
2021-06-11	118.21	6.52	103.43	113.8	124.27	91.43	4.43	82.25	82.59	95.93	104.78	5.43	92.13	100.72	110.12
2021-06-18	120.34	7.09	103.11	114.85	126.54	89.04	3.45	82.28	86.73	91.38	104.22	5.07	91.39	101.57	108.78
2021-06-25	122.08	8.17	102.3	114.62	129.12	90.11	3.66	82.26	83.38	92.09	104.47	4.92	93.12	101.15	109.76
2021-07-02	117.95	6.5	103.51	113.15	124.21	91.63	3.31	82.54	87.55	91.51	104.48	3.87	95.73	101.69	108.64
2021-07-09	120.57	7.24	103.55	115.1	127.11	89.27	2.71	83.96	88.09	91.81	103.78	3.98	95.26	101.09	108.51
2021-07-16	122.95	8.39	102.88	115.14	130.21	93.04	3.13	82.37	84.96	90.58	103.29	5.24	90.78	99.69	107.94
2021-07-23	124.41	8.79	103.07	116.49	131.55	89.23	3.41	82.32	85.45	91.11	102.65	4.89	91.28	99.66	107.9
2021-07-30	121.02	7.41	102.98	115.12	127.29	92.37	3.1	82.57	86.68	90.89	102.63	4.62	91.36	99.36	106.78
2021-08-06	122.25	9.06	100.11	115.37	129.29	91.73	3.28	82.28	83.17	89.56	102.07	5.52	88.84	97.23	107.32
2021-08-13	123.7	8.61	102.61	116.16	130.92	90.27	3.7	82.32	86	91.62	102.5	4.94	90.21	99.17	106.65
2021-08-20	124.65	9.07	102.81	116.12	131.93	90.46	3.4	82.32	83.27	91.19	103.57	5.09	90.76	99	107.27
2021-08-27	120.97	7.67	102.52	113.98	127.94	87.66	3	82.3	83.07	90.06	102.21	5.68	88.19	99.02	107.37
2021-09-03	124.93	9.13	102.92	116.17	131.68	91.45	4.08	82.27	82.75	92.21	103.25	5.49	89.34	98.71	107.75
2021-09-10	125.94	8.79	104.17	117.38	133.52	92.16	4.36	82.3	83.22	94.91	102.04	5.96	86.23	97.39	106.98
2021-09-17	126.4	9.09	103.32	118.08	133.7	95.24	6.65	82.28	83.02	101.81	102	5.95	86.95	97.47	107.2
2021-09-24	124.87	8.81	102.84	116.38	131.21	93.76	6.05	82.28	83.32	100.2	102.1	5.88	88.09	96.89	107.49
2021-10-01	124.81	8.59	103.57	117.89	131.45	92.62	4.47	82.29	82.64	96.48	101.15	5.87	86.22	95.33	105.46
2021-10-08	127.81	9.88	101.79	115.96	135.69	94.2	5.1	82.4	83.85	97.32	104.13	5.86	87.33	96.94	106.29

2021-10-15	118.72	6.69	103.22	114.59	124.76	93.43	5.85	83.13	84.57	100.25	100.49	5.11	88.43	97.36	105.86
2021-10-22	119.53	6.38	105.23	114.43	124.96	93.93	5.38	83.2	89.42	99.59	102.34	4.37	92.75	100.14	106.77
2021-10-29	118.66	6.8	103.29	113.66	124.57	94.19	4.96	83.31	89.14	99.17	103.46	4.68	91.67	99.63	107.71
2021-11-05	124.18	8.48	102.93	116.48	131.15	94.89	4.37	83.53	89.27	97.7	103.47	4.73	92.67	100.63	108.05
2021-11-12	119.99	6.72	104.71	114.28	125.78	95.74	5.72	83.42	89.66	102.95	103.85	4.97	92.79	100.72	108.93
2021-11-19	119.78	7.85	100.64	113.4	126.6	91.64	4.6	83.17	85.53	96.33	101.23	5.7	87.88	97.25	105.98
2021-11-26	119.06	7.92	99.25	113.17	125.69	98.41	7.46	83.16	88.56	104.59	104.71	6.34	86.41	99.08	108.62
2021-12-03	123.57	8.76	102.02	116.19	130.24	91.04	3.79	83.39	88.29	95.55	103	4.63	92.06	98.95	106.41
2021-12-10	119.63	6.87	103.81	114.29	126.01	92.34	4.74	83.17	88.5	97.77	102.04	4.55	91.83	100.06	106.86
2021-12-17	123.34	7.68	104.99	116.93	129.16	93.78	4.44	83.85	89.99	99.24	102.68	3.98	93.35	100.96	107.29
2021-12-24	119.27	7.32	103.15	113.85	125.99	92.39	3.68	83.28	89.05	94.68	101.67	4.19	92.71	99.84	105.66
2022-01-01	126.41	9.8	100.84	116.21	132.83	95.21	5.27	83.39	89.11	100.81	103.19	4.86	92.33	100.11	108.44
2022-01-08	119.21	6	106.01	115.25	124.97	95.48	6.24	83.15	86.64	102.84	105.58	4.54	95.53	102.93	110.38
2022-01-15	123.32	8.95	101.56	115.5	129.32	93.77	5.58	83.11	84.4	99.72	103.73	5.33	91.08	99.55	107.96
2022-01-22	121.77	7.79	102.09	115.26	127.57	88.92	3.06	83.22	88.7	91.84	102.99	4.73	92.49	100.23	108.11
2022-01-29	126.97	9.37	103.62	118.15	134.5	89.55	4.07	83.11	84.47	95.81	102.35	5.26	90.76	98.49	107.74
2022-02-05	119.59	7.05	102.96	114.52	125.41	88.72	3.5	83.09	84.16	91.57	103.67	5.63	89.59	98.32	107.87
2022-02-12	120.16	6.69	104.32	115.45	126.64	87	2.69	83.1	84.67	90.41	102.53	5.52	90.36	98.72	108.07
2022-02-19	119.55	6.96	102.74	114.91	125.77	90.62	3.42	83.1	86.79	92.15	104.11	4.69	93.5	101.03	108.78
2022-02-26	124.06	8.07	104.68	116.58	131.33	93.84	5.83	83.09	86.81	100.74	103.73	4.59	93.76	101.13	108.67
2022-03-05	120.18	6.88	102.92	113.83	125.19	88.64	3.47	82.3	84	92.09	107.31	5.4	92.16	100.91	109.4
2022-03-12	117.47	5.87	104.92	113.35	123.83	93.03	5.83	82.34	85.61	99.52	103.81	4.53	93.02	101.27	108.1
2022-03-19	123.02	8.26	102.85	115.62	129.88	93.88	5.15	82.3	86.79	97.88	104.76	5.05	92.32	101.58	109.28
2022-03-26	120.22	7.04	103.67	115.07	126.28	89.39	3.76	82.31	84.97	92.95	106.35	5.19	93.97	102.58	111.38
2022-04-02	119.57	6.23	105.22	114.73	125.78	92.16	5.11	82.31	89	98.05	105.11	4.42	94.83	103.26	109.21
2022-04-09	119.61	7.17	103.09	113.15	126.43	91.67	4.51	82.34	86.97	95.02	106.02	4.79	95.21	102.32	110.32
2022-04-16	122.74	8.92	101.37	114.22	129.65	91.02	5.02	82.3	84.01	96.71	103.43	4.97	91.45	100.84	108.19
2022-04-23	122.69	8.44	101.97	113.79	130.24	89.94	4.54	82.31	83.17	95.95	103.74	4.95	92.72	100.15	108.89
2022-04-30	123.33	8.34	103.58	113.48	131.12	91.45	4.88	82.33	85.89	97.41	104	4.36	94.31	100.65	108.24
2022-05-07	119.6	6.86	102.93	113.68	124.83	91.14	4.77	82.37	86.8	97.04	104.21	4.13	95.41	101.63	108.99

2022-05-14	125.52	8.92	102.78	117.05	132.04	91.96	5.07	82.39	86.27	98.14	105.53	5.19	93.42	102.51	110.84
2022-05-21	122.51	7.92	103.42	116.12	129.14	90.39	4.13	82.37	85.58	93.52	104.06	4.39	94.57	101.54	109.23
2022-05-28	124.47	9.45	100.94	115.14	131.73	92.42	4.43	82.32	83.19	95.82	105.5	5.71	90.87	100.13	109.85
2022-06-04	118.62	6.82	102.7	114.25	124.93	94.13	6.11	82.32	83.84	102.19	104.52	5.21	92.39	101.09	109.77
2022-06-11	127.15	9.32	104.27	117.48	134.69	90.94	3.72	82.36	84.72	92.19	104.44	4.79	93.47	100.56	109.31
2022-06-18	124.09	8.02	104.14	115.7	131.04	87.04	2.68	82.37	84.84	89.47	102.35	4.93	91.45	99.15	107.21
2022-06-25	126.3	9.78	101.68	115.35	133.98	93.73	3.66	82.32	82.85	92.05	107.27	5.81	89.6	99.16	107.99
2022-07-02	121.39	6.91	101.71	112.66	123.89	94.81	5.24	83.03	85.2	99.42	108.62	5.71	91.96	100.9	110.15
2022-07-09	127.08	9.03	104.6	114.99	134.9	91.13	3.14	82.98	85.85	90.27	105.16	4.89	93.24	100.78	109.35
2022-07-16	121.89	7.3	103.93	113.76	127.55	92.47	3.33	82.99	84.85	90.8	103.18	5.48	89.62	99.63	108.61
2022-07-23	129.88	10.77	102.38	115.03	137.97	89.7	3.03	82.99	85.73	90.28	102.85	5.15	90.93	99.55	107.99
2022-07-30	122.86	8.22	103.55	113.96	129.81	89.11	3.35	83.02	85.62	91.42	103.2	5.03	91.39	99.48	108.28
2022-08-06	134.71	11.69	103.92	117.19	142.27	90.91	3.52	82.97	83.67	91.01	102.95	5.3	90.05	99.27	107.52
2022-08-13	127.4	8.73	104.74	116.71	134.02	88.84	3.29	83	83.55	91.03	102.93	5.86	88.26	98.75	108.05
2022-08-20	126.55	9.46	103.13	114.76	134.24	90.59	3.39	83.08	87.01	92.26	102.81	4.84	91.69	99.88	106.94
2022-08-27	125.58	8.6	103.79	116	132.53	88.19	3.14	83	83.65	90.89	102.01	5.64	88.46	97.9	106.67
2022-09-03	129.61	10.77	102.14	116.77	136.67	88.59	3.27	82.97	83.44	91.4	101.56	5.85	87.99	96.62	106.99
2022-09-10	129.28	9.86	104.68	117.39	136.73	90.67	3.03	83	85.72	91.47	103.11	5.2	91.25	98.94	108.25
2022-09-17	125.3	8.82	103.55	115.55	132.41	87.04	2.72	82.97	83.31	89.82	100.89	5.5	87.68	96.73	106.25
2022-09-24	127.2	9.57	102.59	117.61	134.69	96.77	3.46	82.98	83.41	91.07	102.63	5.65	87.89	96.42	106.04
2022-10-01	128.88	10.81	100.62	115.17	136.8	85.23	2.21	82.97	83.18	89.61	100.23	6.08	86.34	96.13	105.96
2022-10-08	128.51	9.91	103.53	117.43	136.2	84.62	1.81	82.98	83.18	87.79	99.57	5.6	87.07	94.74	105.15
2022-10-15	121.55	7.42	102.01	112.58	125.83	93.74	3.65	83.25	84.08	92.33	103.26	6.33	87.22	96.44	107.22
2022-10-22	122.51	7.89	103.81	114.25	129.36	92.89	5.4	83.44	85.99	99.02	100.9	5.62	87.89	97.13	106.1
2022-10-29	125	8.44	103.94	115.44	132.21	96.9	7.43	83.49	86.33	103.59	103.16	5.2	89.7	97.88	106.41
2022-11-05	124.9	8.81	103.25	116.31	131.15	92	4.15	83.52	89.7	96.48	103.31	5.24	90.21	99.87	108.28
2022-11-12	121.55	7.54	103.45	114.07	128.26	93.2	3.35	83.53	89.27	93.02	103.2	4.85	90.87	99.98	107.21
2022-11-19	125.03	8.1	104.39	115.5	130.43	91	4.03	83.48	87.15	95.09	102.7	4.82	91.42	99.57	106.9
2022-11-26	127.42	9.56	102.66	116.76	134.59	91.03	3.81	83.63	88.72	95.23	102.75	4.44	92.51	100.27	107.39
2022-12-03	123.45	8.16	103.79	116.14	129.6	91.11	4.11	83.58	88.77	95.86	102.67	4.75	91.62	101.12	107.29

2022-12-10	122.54	8.3	102.28	115.3	128.04	93.99	4.09	83.39	84.6	94.69	104.44	5.75	89.88	98.61	108.09
2022-12-17	125.1	8.56	103.04	114.5	130.11	92.11	3.65	83.68	91.08	94.03	104.75	4.35	94.09	101.85	108.19
2022-12-24	130.59	10.65	104.02	117.12	138.88	95.8	5.53	83.63	90.7	102.31	102.45	4.29	93.28	100.55	107.01
2023-01-01	122.73	8.82	101.95	114.87	128.97	91.55	3.81	83.43	88.56	93.13	103.41	4.97	91.88	100.05	107.56
2023-01-08	122.17	8	102.75	115.26	128.39	95.26	5.9	83.51	90.13	101.59	103.22	4.91	92.08	99.99	108.35
2023-01-15	125.07	9.22	101.52	115.76	130.81	92.54	4.78	83.42	86.19	98.19	104.32	5.28	92.34	101.06	109.35
2023-01-22	129.34	9.78	104.31	119.01	136.83	89.17	3.73	83.38	84.37	94.41	103.24	5.19	91.86	99.88	107.81
2023-01-29	123.67	8.44	102.71	116.38	130.52	90.69	3.51	83.58	88.02	93.65	102.35	4.6	92	99.58	106.99
2023-02-05	125.83	9.27	103.12	117	132.27	93.38	5.26	83.46	88.28	100.32	101.86	4.57	91.98	99.37	106.73
2023-02-12	125.72	9.47	102.08	115.9	131.63	90.77	4.42	83.38	85.05	96.24	102.66	5	90.86	98.8	107.62
2023-02-19	127.43	9.47	103.49	116.71	134.04	93.55	3.02	84.03	90.9	93.45	104.59	4.19	94.81	102.26	108.35
2023-02-26	122.57	7.76	104.52	116.11	128.88	92.29	4.4	83.48	89.49	96.66	102.72	4.27	92.93	100.82	106.62
2023-03-05	124	8.53	102.78	116.04	129.91	90.25	4.11	83.36	85.48	93.21	104.2	4.76	92.18	101.83	107.52
2023-03-12	123.77	8.37	102.67	114.42	129.54	90.56	4.3	82.92	85.57	96.26	106.18	4.86	93.46	101.72	109.59
2023-03-19	129.99	9.73	103.84	115.87	136.08	89.99	4.29	82.91	84.04	94.54	103.42	4.83	92.55	100.93	108.53
2023-03-26	122.39	7.24	104.54	112.93	128.5	91.53	4.83	82.93	85.3	97.3	105.1	5.3	93.03	101.9	109.44
2023-04-02	122.76	8.1	102.66	114.36	130.22	91.41	4.66	82.91	85.25	96.77	105.92	5.14	92.96	101.69	109.8
2023-04-09	125.77	8.74	103.68	115.35	132.99	91.02	4.66	82.94	84.99	96.91	105.68	5.26	93.55	102.1	110.75
2023-04-16	126.88	8.96	103.8	116.01	133.86	91.66	4.9	82.97	86.08	97.36	106.93	5.7	92.33	102.22	110.73
2023-04-23	128.7	9.6	104.47	114.9	135.72	91.07	4.46	82.99	85.57	97.44	105.38	4.9	94.18	101.84	110.26
2023-04-30	124.28	7.85	104.3	113.77	130.73	91.74	3.7	82.99	86.99	93.34	105.79	4.37	95.92	102.53	110
2023-05-07	134.08	11.67	104.01	115.78	142.2	89.17	3.11	82.96	84.27	90.28	106.37	5.22	93.56	101.97	110.88
2023-05-14	131.81	10.4	103.58	115.53	138.03	93.47	3.61	82.96	86.84	92.11	106.95	4.89	94.68	102.11	109.56
2023-05-21	131.24	9.33	104.7	115.52	137.86	89.05	3.16	82.95	84.54	90.86	105.67	4.89	94.19	101.6	110.1
2023-05-28	123.75	7.91	103.74	113.47	130.72	88.9	2.18	83.96	87.76	91.07	103.94	3.92	95.59	101.59	108.1
2023-06-04	128.89	9.97	104.31	116.21	136.9	90.22	3.98	82.97	87	92.89	105.22	4.79	94.2	102.12	109.66
2023-06-11	125.26	8.52	102.89	113.69	131.07	96.65	3.22	82.99	85.25	90.76	105.42	4.8	93.76	100.02	109.3
2023-06-18	123.15	7.88	103.19	114.46	128.86	94.51	3.71	82.99	85.98	92.65	110.2	5.18	94.36	101.2	111.24
2023-06-25	127.89	8.56	103.74	113.65	132.54	91.04	3.05	83.83	88.89	92.44	109.05	4.01	97.59	102.82	109.6
2023-07-02	128.3	10.61	101.08	114.05	136.09	92.54	3.79	83.39	85	92.99	104.07	5.32	90.24	100.85	108.57

2023-07-09	123.88	8.39	103.71	113.73	131.06	90.34	2.66	83.95	88.08	91.82	102.78	4.07	93.25	100.59	107.02
2023-07-16	125.26	8.5	105.17	114.65	132.99	89.18	3.18	83.42	87.65	92.54	102.55	3.93	94.37	100.5	107.07
2023-07-23	122.01	7.39	103.46	113.2	128	93.39	4.66	83.42	86.06	98.17	102.59	4.56	92.26	99.61	107.26
2023-07-30	130.43	11.53	99.04	114.85	137.49	88.62	2.68	83.41	85.36	90.25	101.79	5.6	86.69	98.19	106.26
2023-08-06	123.74	8.68	102.22	114.57	130.55	92.88	3.43	83.45	85.2	91.74	101.9	5.63	87.5	97.48	106.33
2023-08-13	123.31	9.11	100.36	113.14	130.3	88.19	2.74	83.42	83.71	91.29	101.06	5.92	86.29	96.3	105.29
2023-08-20	127.18	8.82	102.32	113.65	132.95	88.55	2.77	83.44	84.08	90.84	101.25	5.53	86.87	95.76	104.93
2023-08-27	131.71	11.83	101.09	115.81	139.56	95.06	4.27	83.42	85.08	95.79	99.92	5.17	87.78	96.46	105.03
2023-09-03	127.1	9.39	103.56	114.8	133.23	90.94	2.76	83.44	84.48	89.91	101.63	5.27	88.8	96.91	106.26
2023-09-10	127.7	9.78	101.89	114.36	135.34	91.69	3.16	83.41	83.95	90.2	101.63	6.12	86.02	95.38	106.51
2023-09-17	125.93	9.1	102.63	115.79	132.41	91.26	3.31	83.42	83.81	91.03	100.26	5.48	87.39	95.61	104.82
2023-09-24	131.05	11.12	102.91	115.75	138.41	91.9	5.09	83.4	83.87	98.69	101.37	5.6	88.03	97.26	106.48
2023-10-01	129.61	9.69	102.62	116.63	134.59	90.56	3.49	83.45	84.26	91.04	102.91	5.63	88.08	96.88	105.91
2023-10-08	121.32	8.21	101.77	113.92	127.88	90.04	4.11	83.45	84.2	96.24	99.15	5.92	84.68	94.23	104.17
2023-10-15	130.87	11.5	102.65	115.67	137.8	92.84	5.1	83.59	84.94	99.27	108.43	5.17	88.46	97.27	104.93
2023-10-22	127.53	9.88	102.33	115.01	134.77	91.45	4.26	83.64	86.71	97.22	102.31	4.95	90.49	98.49	106.06
2023-10-29	133.55	11.62	104.52	117.15	141.56	92.25	4.49	83.66	86.55	97.55	103.16	4.76	91.19	99.4	106.9
2023-11-05	127.38	9.72	102.34	112.36	136.13	98.69	4.78	83.6	87.13	98.33	101.44	5.63	88.06	97.94	106.38
2023-11-12	135.51	12.98	103.86	116.67	143.37	91.09	3.67	83.71	86.09	93.16	103.05	4.21	92.74	100.13	106.96
2023-11-19	128.09	9.46	102.71	114.34	135.35	90.1	3.96	83.66	85.37	93.79	102.59	5.79	88.37	99.52	107.45
2023-11-26	137.16	12.46	102.95	116.97	145.34	91.95	4.07	83.81	87.92	97.47	104.12	4.9	91.6	100.93	108.88
2023-12-03	123.14	7.51	101.61	112.83	125.82	94.41	5.75	83.63	85.54	100.87	102.78	5.06	91.47	99.95	107.62
2023-12-10	133.87	11.74	102.53	115.69	141.76	92.21	4.65	83.72	87.82	99.15	102.38	4.1	93.12	100.11	107.13
2023-12-17	132.1	10.26	103.64	114.74	140.47	90.76	3.84	83.61	86.55	94.44	103.85	5.14	91.47	100.45	107.91
2023-12-24	132.84	11.7	101.77	115.31	139.85	91.4	4.28	83.7	88	97.53	101.21	4.2	91.9	99.34	105.92
2024-01-01	121.05	7.42	102.15	112.58	126.46	91.53	4.18	83.67	88.17	96.83	102.39	4.35	92.81	100.13	107.35
2024-01-08	135.83	11.65	106.02	118.25	144.49	92.21	3.45	83.9	90.99	94.39	106.3	4.37	96.46	104.48	111.2
2024-01-15	128.7	9.2	105.92	115.63	136.39	92.48	2.85	85.85	90.95	95.28	104.23	3.43	96.68	102.91	107.89
2024-01-22	131.79	10.43	104.84	115.85	139.14	95.3	6.63	83.61	85.93	102.11	103.47	4.41	93.98	100.2	107.98
2024-01-29	118.84	7.24	101.41	112.71	125.25	89.77	4.09	83.59	84.34	95.71	104.12	5.28	92.1	100.22	109.49

2024-02-05	136.22	11.89	103.74	117.08	144.03	90.02	3.46	83.6	86.14	93.05	105.73	4.8	93.55	101.28	108.68
2024-02-12	128.03	8.9	104.61	115.31	133.5	90.42	3.29	83.67	89.66	92.45	104.97	4.77	93.69	102.94	108.15
2024-02-19	131.09	10.1	104.22	115.33	139.16	90.4	3.97	83.58	86.84	95.75	104.18	4.84	93.47	100.81	108.89
2024-02-26	122.48	7.63	102.35	113.28	126.49	96.52	5.17	83.55	89.05	99.76	106.58	4.92	93.5	101.66	109.07
2024-03-04	125.87	9.43	101.61	114.25	132.83	92.32	4.85	83.42	85.85	97.01	103.09	4.78	92.62	99.73	108.08
2024-03-11	126.3	9.25	103.3	114.89	133.65	91.22	4.41	83.37	85.81	96.97	104.07	4.72	93.56	100.42	109.03
2024-03-18	120.55	6.99	103.58	114.48	127.09	89.76	4.12	83.37	84.54	95.1	103.08	5.12	91.56	99.62	108.11
2024-03-25	121.58	7.73	102.69	112.62	128.15	88.69	3.74	83.36	84.27	94.53	102.87	5.49	89.84	98.4	107.86
2024-04-01	120.58	6.78	105.05	113.45	127.41	87.99	3.21	83.38	85.28	92.16	103.77	4.48	94.01	101.22	108.92
2024-04-08	129.39	10.87	101.49	115.4	137.1	94.01	5.94	83.39	84.81	101.03	104.77	5.26	92	101.18	109.52
2024-04-15	117.24	6.2	102.98	112.23	123.02	89.3	3.48	83.4	87.13	92.3	105.15	4.48	94.77	102.26	110.16
2024-04-22	120.07	7.18	102.66	112.47	126.56	91.48	4.6	83.41	86.72	97.51	103.43	4.11	94.67	100.28	108.09
2024-04-29	118.55	6.63	103.02	112.48	124.72	97.02	3.26	83.41	85.54	91.4	103.66	4.23	94.38	100.65	107.81
2024-05-06	130.35	10.58	103.43	114.73	138.69	88.16	3.21	83.37	84.62	91.83	104.02	4.77	93.31	101.1	109.44
2024-05-13	120.79	6.91	103.94	113.23	126.44	88.55	2.63	83.47	87.57	91.35	103.4	4.11	94.86	100.86	108.36
2024-05-20	125.85	9.22	102.43	112.48	133.19	92.47	4.84	83.48	87.36	100.21	103.15	4.31	94.02	100.73	108.32
2024-05-27	125.71	8.54	102.85	114.32	132.32	92.05	4.59	83.39	84.86	97.47	104.9	4.98	92.85	100.54	108.92
2024-06-03	129.05	10.84	101.38	115.05	136.53	91.76	4.58	83.4	85.05	97.28	104.98	5.24	93.33	101.03	110.45
2024-06-10	126.99	8.52	104.78	113.73	134.07	90.39	3.63	83.41	86.84	92.73	104.58	4.43	94.11	100.73	108.54
2024-06-17	126.77	9.85	101.94	112.83	134.24	88.04	2.99	83.41	84.7	91.11	103.25	5.26	91.33	99.62	108.6
2024-06-24	127.61	9.94	101.16	114.67	135.57	87.55	2.48	83.44	84.35	89.47	102.19	4.96	90.87	99.4	107.43
2024-07-01	130.19	10.92	99.85	113.08	138.75	88.55	2.84	81.78	83.65	89.14	108.17	5.73	89.89	99.49	109.02
2024-07-08	119.17	7.09	103.09	113.06	125.15	88.89	3.37	81.84	85.54	91.2	106.45	4.92	93.98	100.52	109.29
2024-07-15	128.74	8.96	103.4	113.63	132.03	94.25	3.22	82.13	87.5	91.43	102.67	3.98	93.81	100.94	106.99
2024-07-22	125.04	8.76	103.56	116	132.73	86.54	2.72	81.91	84.29	89.58	102.13	5.16	89.26	98.35	106.59
2024-07-29	123.64	9.28	101.54	114.13	131.02	92.04	4.39	81.82	84.23	92.74	104.12	5.44	88.24	98.44	106.09
2024-08-05	123.91	8.27	102.14	115.02	131.56	89.04	3.07	82.02	86.18	90.8	100.98	4.66	89.86	98.05	105.1
2024-08-12	122.88	8.88	101.47	113.97	130.72	88.15	3.07	81.86	83.9	89.12	100.73	5.34	87.43	96.19	105.07
2024-08-19	127.5	10.43	101.77	116.14	135.64	92.62	5.76	81.77	82.36	99.56	101.33	6.28	85.75	96.68	106.73
2024-08-26	121.45	8.71	98.49	112.56	128.75	90.82	4.44	81.76	82.17	94.77	101.02	6.15	85.69	96.18	106.25

2024-09-02	117.98	6.36	103.28	113.58	123.99	92.53	3.56	81.79	82.41	90.71	102.73	5.73	88.07	96.7	106.63
2024-09-09	118.44	7.28	102.36	112.86	124.7	90.11	4.49	81.76	83.05	95.3	100.27	5.36	87.35	96.33	105.31
2024-09-16	121.12	7.63	102.06	114.85	127.14	88.05	2.84	81.78	82.39	88.56	101.01	5.58	87.5	96.29	106
2024-09-23	117.3	6.61	101.78	112.24	123.38	91.63	5.18	81.79	82.8	98.25	101.04	5.56	87.75	96.52	105.98
2024-09-30	117.75	6.43	102.54	113.37	124.03	89.75	4.22	81.84	82.71	95.41	101.98	5.96	86.85	95.58	106.12
2024-10-07	120.25	8.08	99.19	111.95	125.92	88.26	3.17	81.82	82.76	88.37	107.25	6.4	84.81	94.98	105.3
2024-10-14	134.89	11.87	104.31	120.29	142.3	95.79	6.97	83.08	84.08	102.73	102.38	5.93	88.6	97.94	107.84
2024-10-21	130.54	10.31	102.29	115.67	136.43	89.81	4.27	83.16	84.18	96.16	103.28	6.21	88.15	98.38	108.34
2024-10-28	129.07	10.04	102.64	117.91	136.19	91.56	4.45	83.14	84.71	96.44	100.7	5.35	89.12	96.55	106.52
2024-11-04	129.59	10.73	102.41	116.51	137.23	92.7	5.38	83.13	84.71	100.47	102.75	5.99	89.62	98.07	108.76
2024-11-11	134.42	11.11	105.46	120.16	142.45	93.11	5.35	83.23	87.6	99.41	102.97	4.87	91.25	99.16	106.91
2024-11-18	134.3	10.56	107	120.16	141.32	91.73	4.47	83.24	87.34	97.09	109.47	6.24	93.24	102.34	113.25
2024-11-25	128.05	9.55	104.4	118.06	135.62	88.62	3.05	83.14	84.18	91.72	101.31	5.64	88.42	97.39	107.17
2024-12-02	133.37	11.44	103.78	120.6	141.12	92.82	4.34	83.67	87.57	98.2	103.5	4.6	92.92	100.15	108.08
2024-12-09	134.03	10.73	105.93	120.92	141.37	91.73	3.57	83.15	88.39	94.02	103.96	4.67	92.27	100.28	108.19
2024-12-16	135.4	11.65	104.76	120.76	143.14	93.37	4.99	83.15	88.59	99.69	103.01	4.55	92.78	100.41	107.64
2024-12-23	125.2	9.06	103.19	115.21	132.06	93.68	5	83.22	88.31	99.03	104.61	5.18	91.73	100.4	108.69

Table 12b: Jordan River weekly sound pressure levels (SPL) in decibels (dB). Mean (Avg) and standard deviation (Std), Q₅, Q₅₀ and Q₉₅ levels for water turbulence, echosounders and wind are given.

Date	Avg 10- 100 Hz	Std 10- 100 Hz	Q5 10- 100 Hz	Q50 10- 100 Hz	Q95 10- 100 Hz	Avg 49500- 50500 Hz	Std 49500- 50500 Hz	Q5 49500- 50500 Hz	Q50 9500- 50500 Hz	Q95 49500- 50500 Hz	Avg 7500- 8500 Hz	Std 7500- 8500 Hz	Q5 7500- 8500 Hz	Q50 7500- 8500 Hz	Q95 7500- 8500 Hz
2019-01-01	123.49	9.68	98.57	116.51	130.04	73.41	4.97	64.7	66.8	78.54	85.9	6.34	69.93	80.22	91
2019-01-08	122.36	8.46	101.3	114.83	128.62	69.12	3.01	64.7	66.76	72.87	84.56	5.69	71.36	81.22	89.57
2019-01-15	124.1	10.11	97.79	114.53	130.64	74.86	3.27	64.72	68.01	73.34	83.57	5.21	71.01	81.49	87.36
2019-01-22	123.73	9.47	99.95	115.12	130.94	83.59	3.41	64.69	65.84	73.73	82.87	5.45	69.7	78.98	87.13
2019-01-29	121.18	9.07	98.18	114.55	128.11	70.67	3.33	64.71	67.14	74.52	84.51	5.79	69.69	79.65	86.99
2019-02-05	120.91	8.57	99.09	114.81	127.46	69.04	2.14	64.78	67.89	70.9	84.44	5.35	71.12	81.56	89.77
2019-02-12	121.94	9.34	98.84	113.4	129.82	68.31	2.48	64.69	67.49	70.97	82.59	5.6	68.87	80.47	85.68

2019-02-19	124.06	8.5	102.98	117.32	131.12	69.01	2.94	64.7	66.82	72.72	83.17	5.91	69.59	79.89	87.93
2019-02-26	117.93	8.22	97.66	112.14	124.62	72.81	2.64	64.7	68.55	71.31	84.17	5.58	69.71	82.07	87.81
2019-03-05	121.8	7.1	104.5	117.61	127.43	87.77	4.12	63.34	64.16	70.2	82.13	6.22	67.02	77.65	87.01
2019-03-12	119.98	7.54	101.44	115.13	125.62	66.56	2.71	63.31	63.57	70.75	81.55	6.25	67.06	76.24	86.07
2019-03-19	122.57	8.16	102.55	116.62	128.38	66.65	2.03	63.3	63.54	68.58	82.74	6.14	67.65	77.38	86.26
2019-03-26	120.93	7.96	101.04	114.87	127.26	82.27	2.69	63.3	63.4	69.44	82.99	6.31	68.14	77.52	87.79
2019-04-02	119.11	7.84	100.16	114.25	125.11	67.38	2.88	63.32	63.84	71.34	82.72	5.83	68.5	77.27	87.34
2019-04-09	120.93	8.86	99.14	115.35	126.65	68.61	3.37	63.35	66.03	73.98	84.48	5.94	69.89	80.48	88.89
2019-04-16	124.5	9.42	99.33	117.36	131.72	68.26	3.5	63.33	64.52	74.34	82.82	5.26	70.44	79.01	87.2
2019-04-23	123.41	8.79	100.86	114.22	129.7	67	2.54	63.31	63.83	69.24	82.77	6.38	68.44	79.03	87.4
2019-04-30	120.73	8.75	98.97	114.84	127.18	79.76	2.31	63.3	63.72	67.63	82.25	5.45	69.12	78.39	86.04
2019-05-07	120.45	7.78	100.75	114.72	126.41	65.92	1.98	63.3	63.55	68.58	83.5	6.07	68.36	78	88.08
2019-05-14	124.86	9.58	98.28	115.95	130.21	68.38	2.67	63.3	63.98	70.88	83.89	5.91	68.21	78.18	87.74
2019-05-21	126.31	9.88	98.58	114.78	132.54	66.42	2.16	63.31	63.45	68.09	82.48	5.7	68.43	76.37	86.41
2019-05-28	120.51	8.27	99.44	112.83	126.32	92.38	4.59	63.44	66.68	69.59	86.87	4.76	74.86	82.89	89.72
2019-06-04	119.73	7.95	100.38	112.83	125.73	69.1	2.67	62.92	63.67	67.99	84.2	5.58	69.5	77.91	87.52
2019-06-11	121.15	8.03	99.73	113.25	126.58	76.94	4.32	62.93	64.61	68.95	84.57	5.79	68.98	80.58	88.23
2019-06-18	119.27	7.98	99.37	112.63	125.5	79.64	2.41	62.97	65.09	68.05	84.86	4.57	72.53	80.57	87.74
2019-06-25	118.63	8	98.46	111.42	125.4	70.82	2.64	62.92	63.44	69.81	87.07	6	68.36	77.82	87.8
2019-07-02	123.01	9.66	97.45	112.84	129.66	81.9	2.69	62.97	63.85	68.17	85.21	5.12	69.77	77.44	86.28
2019-07-09	119.65	7.76	99.8	112.05	126.04	77	2.7	62.92	63.19	68.88	82.43	6.22	67.36	75.98	87.08
2019-07-16	120.99	8.78	98.34	112.19	126.73	67.46	2.78	62.92	63.41	68.62	81.94	5.47	68.4	77.68	86.27
2019-07-23	122.38	8.28	99.64	111.29	126.67	68.64	2.73	62.92	63.57	67.85	83.02	5.94	67.13	78.07	86.48
2019-07-30	123.14	9.82	97.99	112.76	130.47	68.34	2.3	62.92	63.33	67.39	81.78	5.43	68.83	76.75	85.98
2019-08-06	118.69	8.1	98.55	111.58	125.5	71.21	2.78	62.95	64.02	68.22	84.68	5.9	68.73	79.42	87.63
2019-08-13	118.14	9.05	95.07	109.92	125.36	78.58	2.42	62.92	63.49	67.48	82.77	6.22	66.88	75.81	87.12
2019-08-20	114.64	7.33	97.2	109.47	121.18	75.29	2.96	64.69	64.84	69.03	81.93	6.05	67.06	74.82	85.94
2019-08-27	116.37	7.83	96.25	110.24	122.72	86.12	2.88	64.68	64.78	69.25	82.02	6.11	67.3	74.53	86.2
2019-09-03	114.19	7.35	96.8	109.1	120.38	84.57	2.4	64.69	64.91	69.21	81.48	5.91	67.52	75.7	85.82
2019-09-10	113.7	7.8	94.23	108.2	120.06	74.47	4.51	64.69	64.8	77.61	84.73	6.27	68.26	74.91	88.65

2019-09-17	114.77	7.26	97.68	109.73	120.89	70.87	3.71	64.7	64.82	75.08	81.99	5.68	68.36	74.97	87.02
2019-09-24	116.83	7.53	98.06	110.48	123.43	69.42	2.74	64.71	65.07	71.09	81.31	5.35	69.19	76.69	85.75
2019-10-01	115.54	9.1	93.46	108.76	122.23	70.66	3.52	64.69	64.85	75.19	81.31	5.94	66.52	75.04	86.55
2019-10-08	113.93	7.37	96.04	108.44	120.01	85.23	3.04	64.71	65.83	70.57	81.74	5.95	68.21	78.06	86.27
2019-10-15	115.89	8	95.26	109.01	122.43	71.78	4.24	64.73	67.2	77.33	84.65	5.84	69.22	79.64	88.49
2019-10-22	117.13	7.84	98.41	111.27	123.67	75.03	3.71	64.7	64.91	76.6	83.85	6.6	67.94	76.65	88.7
2019-10-29	119.22	8.62	96.56	111.37	125.82	67.71	2.32	64.68	64.81	70.76	82.97	6.14	68.49	77.21	86.75
2019-11-05	115.18	6.72	99.27	110.33	121.04	80.24	2.32	64.69	64.94	69.37	81.11	5.72	67.69	75.15	85.76
2019-11-12	118.59	9.1	95.84	110.89	125.01	74.86	4.89	64.69	66.31	79.96	84.28	6.42	68.15	78.95	89.26
2019-11-19	117.69	7.28	99.87	112.51	123.78	69.39	3.2	64.69	65	73.3	84.24	6.05	69.29	78.63	88.73
2019-11-26	125.14	10.03	98.17	114.53	133.12	72.17	2.36	65.03	68.9	71.42	84.88	4.42	74.72	82.97	89.01
2019-12-03	115.53	7.76	96.15	109.43	122.17	71.62	3.08	64.54	65.65	72.87	86.16	6.23	66.9	78.23	85.9
2019-12-10	125.01	11.01	96.36	112.86	131.43	72.08	4.22	64.55	66.86	77.45	83.9	5.63	70.17	80.49	88.81
2019-12-17	120.22	8.59	97.5	111.79	125.92	71.01	4.05	64.54	65.54	75.79	81.45	6.01	68.67	76.46	87.53
2019-12-24	123.62	9.3	99.05	111.81	129.09	70.32	2.67	64.54	66.42	71.08	80.77	5.2	68.42	79.11	84.82
2020-01-01	114.38	6.99	98	108.02	120.15	73.41	4.19	64.74	70.36	78.49	85.58	5.54	71.38	83.44	89.37
2020-01-08	128.94	11.62	98.26	114.29	137.41	72.27	3.91	64.58	69.35	77.55	85.41	5.39	72.26	83.26	89.67
2020-01-15	122.11	9.58	96.16	111.34	127.53	70.56	3.51	64.56	67.82	74.32	84.18	6.6	68.77	80.44	89.39
2020-01-22	122.39	8.58	101.25	113	128.3	72.79	4.64	64.55	67.81	78.65	85.21	6.12	70.34	80.26	90.42
2020-01-29	115.92	7.46	97.54	109.66	121.97	82.73	5.24	64.55	66.73	79.12	83.93	6.29	69.87	79.68	89.73
2020-02-05	127.18	10.99	97.36	113.02	134.54	69.58	3.56	64.57	66.07	75.52	81.68	5.74	68.44	77.86	87.62
2020-02-12	123.13	9.5	97.74	113.17	128.63	71.17	3.19	64.59	66.53	73.37	81.93	6.02	68.03	78.74	86.44
2020-02-19	118.19	7.45	100.16	112	124.49	70.08	2.89	64.58	67.83	71.41	84.43	6.29	68.9	81.11	90.23
2020-02-26	116.62	7.36	98.38	111.69	122.87	68.85	2.79	64.55	65.53	71.6	81.71	6.05	68.15	78.29	86.79
2020-03-04	122.2	9	97.24	112.17	126.43	67.73	2.77	64.55	64.84	72.84	81.22	5.8	68.4	76.53	86.7
2020-03-11	120.67	8.45	99.48	112.42	126.26	69.45	2.76	64.56	69.16	71.43	85.19	6.1	68	83.05	88.5
2020-03-18	115.08	6.89	98.16	110.47	121.56	66.68	2	64.53	65.07	70.34	80.64	5.65	68.21	77.09	85.36
2020-03-25															
2020-04-01															
2020-04-08															

2020-04-15															
2020-04-22															
2020-04-29															
2020-05-06															
2020-05-13	113.15	7.41	95.5	107.26	119.52	67.49	2.65	63.36	64.14	70.61	81.14	5.95	66.88	77.43	85.29
2020-05-20	117.91	8.32	96.49	109.95	123.79	70.82	3.04	63.47	65.35	73.21	83.6	4.95	71.16	79.44	87.03
2020-05-27	115.49	7.22	97.94	110.6	122.14	85.06	2.37	63.38	65.04	67.97	83.69	5.42	69.26	79.6	86.47
2020-06-03	118.54	8.58	97	110.83	125.53	67.3	2.47	63.39	64.05	70.72	82.18	5.34	68.66	77.2	86.12
2020-06-10	113.88	7.58	94.65	107.4	119.7	73.84	2.96	63.34	63.54	71.29	81.61	6.01	66.47	74.16	85.7
2020-06-17	115.93	8.23	95.25	110.33	122.86	75.01	2.48	63.35	63.97	68.01	81.47	5.51	67.84	76.45	85.4
2020-06-24	115.8	8.19	95.52	111.61	121.8	79.85	2.51	63.38	64.95	68.34	81.34	5.03	69.49	78.87	85.6
2020-07-01	117.35	8.19	97.53	110.75	124.09	74.64	2.81	63.37	64.08	70.85	82.04	4.86	69.19	77.47	85.46
2020-07-08	113.1	7.31	95.54	108.3	118.89	84.54	2.67	63.35	63.86	69.21	82.57	5.29	68.53	76.88	85.79
2020-07-15	118.64	9.25	95.95	109.03	125.75	71.88	2.21	63.34	64.39	67.63	80.68	5.01	69.09	78.01	85.35
2020-07-22	117.04	7.38	99.5	111.14	123.39	79.99	3.03	63.36	64.24	68.68	83.05	5.48	68.36	77.52	86.13
2020-07-29	120.28	8.76	96.64	110.69	126	91.09	3.23	63.36	64.93	68.48	83.61	5.81	68.37	79.08	85.92
2020-08-05	115.06	7.41	97.03	109.41	120.9	67.86	2.54	63.35	63.93	69.17	81.04	5.47	67.73	75.98	84.95
2020-08-12	121.72	9.51	95.89	110.39	125.94	85.09	2.26	63.33	63.7	67.17	82.36	6.01	66.54	76.47	84.82
2020-08-19	119.91	9.4	95.55	113.18	126.41	75.02	3.87	63.32	63.47	73.93	80.24	5.88	67.26	73.46	85.59
2020-08-26	119	9.12	94.85	110.52	124.78	66.53	1.98	63.32	63.54	67.65	81.39	6.09	67.13	74.29	85.34
2020-09-02	119.16	7.9	99.95	113.33	124.84	71.81	2.36	63.31	63.99	69.14	81.65	5.73	68.12	77.52	86.87
2020-09-09	116.86	8.68	95.08	110.34	123.4	87.32	3.14	63.33	64.8	69.09	82.17	6.18	67.6	75.38	86.9
2020-09-16	116.3	7.24	98.55	111.47	122.41	79.51	2.9	64.7	64.82	68.78	80.81	6.14	66.65	73.48	86
2020-09-23	115.36	8.32	95.05	109.12	121.39	72.59	4.76	64.71	64.97	79.58	83.82	6.85	67.21	74.65	88.8
2020-09-30	115.85	7.44	97.17	111.72	122.06	74.18	2.05	64.69	64.82	67.94	80.37	5.83	66.54	73.51	84.32
2020-10-07	115.59	6.97	98.16	110.67	121.46	88.37	4.87	64.69	65.39	77.92	83.5	6.57	68	77.99	88.89
2020-10-14	119.64	8.26	98.14	113.06	126.09	81.7	2.97	64.7	65.48	71.4	82.57	6.05	68.53	77.89	88.5
2020-10-21	120.01	8.21	98.08	111.39	125.58	91.65	4.94	63.35	65.06	69.83	83.28	6.15	68.06	78.65	87.2
2020-10-28	117.4	8.87	94.8	110.97	124.3	82.07	3.74	63.31	63.57	72.92	83.1	6.5	67.79	76.73	87.74
2020-11-04	116.42	8.41	94.85	110.15	123.08	68.23	3.02	63.32	63.76	71.28	82.86	5.68	69.39	77.31	86.68

2020-11-11	123.62	9.65	97.68	112.31	129.81	72.2	3.89	63.37	66.64	75.2	85.32	5.65	71.35	81.98	89.83
2020-11-18	123.97	9.82	96.77	111.31	128.96	69.24	3.61	63.32	64.05	73.69	83.52	5.85	69.94	78.36	88.58
2020-11-25	119.51	9.46	96.21	110.65	126.5	75.4	3.89	63.34	64.44	73.3	84.34	6.28	70.35	78.99	90.1
2020-12-02	119.79	8.96	96.71	110.09	127.36	68.18	3.3	63.32	64.89	73.38	83.81	6.58	67.84	78.77	88.55
2020-12-09	121.49	9.86	96.41	112.08	128.69	88.07	4.05	63.33	65.27	75.24	84.71	6.42	69.16	79.15	90.32
2020-12-16	121.29	9.72	95.96	110.46	127.84	74.15	4.27	63.32	67.59	76.43	84.21	5.24	71.72	82.19	89.01
2020-12-23	116.45	8.71	94.77	108.63	123.12	68.09	2.89	63.38	66.25	72.06	82.69	4.77	71.52	80.9	86.86
2021-01-01	119.42	9.61	94.55	109.97	126.23	70.13	4.22	63.33	66.31	75.78	85.01	5.93	70.73	81	90.29
2021-01-08	124.8	9.79	99.99	114.61	132.68	69.87	3.88	63.37	67.36	76.07	84.87	5.91	71.07	82.25	90.19
2021-01-15	120.01	8.87	97.6	112.38	127.12	67.55	2.3	63.31	64.12	69.15	83.8	5.57	70.08	78.88	87.85
2021-01-22	119.03	8.22	98.17	111.06	124.99	66.8	2.39	63.35	65.41	69.64	83.17	5.64	69.65	80.07	88.23
2021-01-29	121.86	9.51	98.04	112.53	128.6	70.53	3.56	63.32	64.91	73.64	83	5.77	68.66	78.29	86.87
2021-02-05	122.83	8.9	100.92	113.77	129.69	69.48	3.04	63.34	66.59	70.22	85.21	5.7	70.57	81.92	89.22
2021-02-12	120.64	8.9	98.34	111.43	127.63	70.46	2.66	63.48	68.56	70.27	84.6	4.66	73.48	83.85	87.91
2021-02-19	118.44	7.98	98.21	110.05	123.44	68.8	3.28	63.34	66.85	73.36	84.56	5.81	70.16	81.77	89.27
2021-02-26	122.92	8.31	100.1	114.19	128.44	70.33	2.77	63.1	63.71	69.43	87.23	7.3	67.67	79.1	88.94
2021-03-05	120.32	9.12	96.95	111.63	126.59	67	2.95	63.1	63.75	71.41	84.78	5.89	69.13	77.5	87.53
2021-03-12	120.55	8.73	98.48	113.17	126.79	72.39	2.48	63.08	63.22	68.67	88.04	6.09	68.61	76.3	87
2021-03-19	116.67	7.83	98.4	110.66	122.92	68.79	3.25	63.13	65.91	73.16	83.58	5.33	70.84	80.09	86.74
2021-03-26	126.2	8.42	101.37	116.76	128.61	68	2.17	63.1	64.57	68.51	83.25	5.7	69.75	79.75	88.83
2021-04-02	118.94	8.11	99.83	112.58	125.63	74.4	2.48	63.1	64.69	68.32	81.96	4.94	69.83	79.58	86.14
2021-04-09	117.71	8.6	97.09	111.51	124.07	66.15	2.31	63.08	64.68	68.52	83.72	5.52	70.21	80.69	87.33
2021-04-16	115.85	8.29	94.27	111.09	121.8	83.09	1.71	63.07	63.16	66.99	82.99	4.93	70.5	77.71	86.47
2021-04-23	121.1	9.74	95.77	113.67	127.31	70.38	2.39	63.08	63.9	67.74	82.47	5.28	69.77	77.74	86.6
2021-04-30	123.33	9.01	99.7	114.77	129.27	66.99	2.45	63.08	63.88	67.87	82.63	5.47	69.57	78.16	86.73
2021-05-07	120.62	9.91	95.94	113.17	127	67.39	2.34	63.08	63.71	67.89	83.39	5.97	68.03	78.29	87.06
2021-05-14	118.42	8.8	96.38	112.31	124.98	66.42	2.1	63.09	64.72	68.23	82.87	5.32	69.25	79.9	86.62
2021-05-21	122.56	9.62	96.58	114.24	127.2	68.82	2.37	63.1	65.01	68.04	83.59	5.22	69.2	79.74	86.52
2021-05-28	123.3	10	97.75	113.65	130.24	76.77	2.86	63.07	63.34	67.89	83.28	5.97	68.06	78.08	86.68
2021-06-04	122.34	8.05	99.17	112.03	124.9	89.16	4.96	62.44	63.13	68.73	83.41	5.85	68.34	77.36	87.69

2021-06-11	117.13	7.5	99.08	112.05	123.44	80.55	2.94	62.59	62.72	70.06	82.68	6.2	66.94	75.25	87.8
2021-06-18	119.84	8.26	98.89	113.37	126.31	79.9	3.09	62.64	64.97	68.2	83.24	5.79	68.43	80.49	86.79
2021-06-25	121.67	9.63	96.63	113.06	128.93	74.93	2.82	62.61	63.01	68.6	82.94	5.84	69.33	77.77	87.63
2021-07-02	117.02	7.99	97.55	111.4	123.56	83.89	2.9	62.73	65.63	68.28	84.19	4.3	73.41	80.86	86.95
2021-07-09	120.15	8.48	99.75	113.8	126.91	71.77	2.75	63.39	66.01	68.6	83.46	3.68	75.54	81.55	86.61
2021-07-16	122.73	9.82	98.43	113.91	130.11	81.42	3.17	62.68	63.97	67.73	82.6	5.39	68.66	77.97	85.79
2021-07-23	124.24	9.89	99.47	115.21	131.52	73.23	2.67	62.65	64.25	68.13	82.1	5.4	69.13	79.16	86.08
2021-07-30	120.64	8.48	99.05	113.77	127.09	83.04	2.85	62.74	65.01	67.56	83.59	4.79	71.01	80.07	86.1
2021-08-06	121.99	10.25	95.83	114	129.19	88.39	2.83	62.64	63	66.84	81.3	5.64	67.46	75.54	85.54
2021-08-13	123.54	9.99	97.76	115.13	130.89	71.47	2.73	62.65	64.45	68.29	83.42	5.83	69.08	79.75	86.24
2021-08-20	124.49	10.22	98.57	114.78	131.89	71.21	2.85	62.65	63.04	68.22	84.23	5.61	69.11	76.29	86.54
2021-08-27	120.66	8.73	98.49	112.61	127.84	66.01	2.19	62.66	62.98	67.3	80.76	5.86	66.79	75.72	85.42
2021-09-03	124.77	10.4	98.39	114.99	131.64	71.35	2.84	62.63	62.85	67.71	82.99	5.99	66.96	75.37	86.16
2021-09-10	125.81	9.62	101.48	116.62	133.49	85.84	3.45	62.66	63.06	70.56	82.97	6.11	67.04	76.1	86.6
2021-09-17	126.28	10.08	100.04	117.28	133.67	73.7	4.78	62.63	62.91	76.26	83.79	6.48	68.09	76.3	89.74
2021-09-24	124.71	9.91	98.37	115.36	131.15	73.47	4.3	62.63	63.03	75.43	82.94	6.29	68.1	76.24	87.83
2021-10-01	124.65	9.31	101.05	117.05	131.41	80.69	3.32	62.63	62.8	71.55	82.96	5.96	67.81	74.71	86.24
2021-10-08	127.71	10.85	98.38	114.78	135.56	86.56	4.64	62.72	64.48	74.03	85.1	6.3	68.26	76.92	88.27
2021-10-15	118.04	7.43	100.29	113.27	124.21	70.39	4.1	64.19	64.78	75.84	81.31	5.81	68.13	75.94	86.89
2021-10-22	119.04	7.38	101.96	112.94	124.66	71.63	4.08	64.2	68.18	76.2	84.86	5.58	71.54	81.28	89.07
2021-10-29	117.9	7.84	98.9	111.73	124.09	77.43	4.01	64.26	68.28	76.11	84.39	4.98	71.12	81.78	88.12
2021-11-05	123.99	9.8	98.02	115.34	131.05	90.34	3.47	64.37	68.41	74.95	84.8	4.87	73.12	82.22	89.13
2021-11-12	119.35	7.62	101.11	112.95	125.3	72.77	4.52	64.27	68.41	79.42	85.98	5.48	72.95	82.59	90.84
2021-11-19	119.29	8.84	97.03	112.21	126.38	77.35	3.66	64.2	65.41	73.93	82.33	5.72	68.91	78.42	86.9
2021-11-26	118.24	8.83	96.59	111.51	125.32	77.23	5.89	64.2	67.76	80.87	86.1	6.56	68.53	80.46	90.62
2021-12-03	123.39	10.06	97.91	115.12	130.2	69.54	2.83	64.28	67.61	72.31	83.83	4.81	72.28	81.15	88.15
2021-12-10	119.12	8.08	99.28	112.77	125.76	70.27	3.57	64.19	67.67	74.76	83.61	5.83	70.04	80.82	88.81
2021-12-17	123.09	8.77	101.34	115.91	129.03	74.56	3.67	64.49	69.05	76.71	84.78	4.49	73.58	82.98	89.2
2021-12-24	118.83	8.71	97.69	112.31	125.79	72.31	2.91	64.25	68.26	72.54	83.7	4.86	71.48	81.8	87.14
2022-01-01	126.29	11.34	95.94	114.71	132.78	75.92	4.13	64.32	68.24	77.54	87.53	5.69	70.8	81.41	88.69

2022-01-08	118.04	7.06	100.92	113.1	124.31	73.41	4.84	64.16	65.9	79.21	85.22	6.2	70.45	80.95	89.94
2022-01-15	123.09	10.15	97.49	114.42	129.2	71.64	4.07	64.16	64.71	75.82	83.96	6.93	66.85	76.94	87.98
2022-01-22	121.44	9.15	98.21	113.96	127.45	68.1	2.29	64.22	68.07	70.45	83.01	5.31	70.04	81.89	86.61
2022-01-29	126.85	10.14	101.34	117.15	134.44	69.06	2.89	64.16	64.7	72.39	81.9	6.34	67.09	76.66	87.33
2022-02-05	118.88	7.62	100.62	113.06	124.95	70.06	2.57	64.15	64.59	70	82.04	6.53	66.69	76.66	86.73
2022-02-12	119.45	7.18	101.95	114.17	126.04	66.26	1.83	64.15	64.88	69.23	80.64	5.81	67.13	77.42	85.47
2022-02-19	118.65	7.82	99.23	113.3	125.01	85.5	2.78	64.16	66.34	70.63	82.81	5.78	68.9	80.75	87.34
2022-02-26	123.83	9.18	100.46	115.21	131.3	71.12	4.43	64.15	66.27	77.5	83.51	6.66	68.28	79.68	89.08
2022-03-05	118.96	7.78	98.9	112.34	124.36	78.58	2.28	62.92	64.17	68.82	82.25	5.81	68.44	77.6	86.7
2022-03-12	116.46	6.87	100.63	111.42	123.15	73.8	3.97	62.94	64.26	74.29	81.94	5.37	69.26	78.28	86.52
2022-03-19	122.71	9.32	99.49	114.01	129.8	89.33	3.39	62.93	65.08	72.58	82.93	5.85	67.93	79.14	87.67
2022-03-26	119.56	8.24	99.54	113.37	125.78	67.92	2.57	62.93	63.94	69	84.31	5.81	69.46	79.42	89.1
2022-04-02	118.81	7.06	102.26	112.87	125.3	70.79	3.52	62.94	66.5	73.54	85.84	6.61	69.11	82.85	90.06
2022-04-09	118.85	8.28	98.7	111.28	125.85	67.74	2.95	62.94	65.36	70.22	84.31	5.66	71.14	80.85	88.77
2022-04-16	122.49	10.24	97.01	112.29	129.57	81.76	3.42	62.92	63.52	72.37	81.79	6.09	68.04	77.58	87.34
2022-04-23	122.39	9.6	97.48	112.3	130.17	66.35	2.83	62.92	63.2	70.8	82.35	5.9	68.87	76.98	87.42
2022-04-30	123.07	9.29	99.87	111.44	131.07	69.92	3.2	62.94	64.49	72.34	83.22	5.39	69.37	77.88	85.64
2022-05-07	119.06	8.04	97.83	112.12	124.43	69.6	3.37	62.95	65.12	72.61	83.19	5.3	70.93	80.13	87.73
2022-05-14	125.35	10.13	98.7	115.59	131.99	68.52	3.37	62.95	64.74	72.7	84.4	5.63	71.05	80.34	88.99
2022-05-21	122.17	9.45	97.39	114.62	129.09	79.64	3.04	62.96	64.42	69.4	82.3	4.77	71.25	79.65	87
2022-05-28	124.24	10.55	96.59	113.53	131.59	70.07	2.75	62.92	63.21	69.68	84.24	5.97	67.74	76.44	87.21
2022-06-04	117.86	7.89	98.64	112.59	124.58	69.45	4.05	62.92	63.47	75.94	83.53	6.24	67.83	77.71	88.13
2022-06-11	127.03	10.32	101.05	115.93	134.66	77.59	2.77	62.94	63.87	68.26	83.27	5.34	70.1	78.44	86.66
2022-06-18	123.89	8.86	101.79	114.23	130.98	70.18	2.28	62.96	64.11	66.97	82.06	5.03	69.79	78.3	86.29
2022-06-25	126.06	10.65	98.9	113.78	133.93	91.43	3.45	62.93	63.17	68.33	82.96	6.53	67.22	76.06	88.31
2022-07-02	120.56	8.18	97.03	110.34	123.1	86.95	4.75	61.28	62.21	71.07	84.17	5.42	68.42	76.69	86.65
2022-07-09	126.96	10.01	100.99	113.59	134.83	70.35	2.84	61.27	62.65	65.47	83.92	5.71	67.32	78.4	86.25
2022-07-16	121.58	8.14	99.87	112.48	127.31	72.91	2.79	61.27	62.09	65.96	81.56	5.66	67.55	77.68	86.09
2022-07-23	129.83	11.93	98.03	113.71	137.97	70.72	2.45	61.26	62.59	65.45	81.72	5.79	67.05	78.07	85.04
2022-07-30	122.61	9.14	99.94	112.7	129.62	72.8	3.2	61.29	62.5	66.13	82.21	5.49	69.23	78.49	86.05

2022-08-06	134.7	12.6	100.55	115.98	142.25	77.75	2.79	61.26	61.5	65.63	82.74	6.34	66.29	76.64	85.97
2022-08-13	127.31	9.55	101.94	115.38	133.98	77.44	2.93	61.26	61.5	66.1	82.58	6.24	67.78	76.96	87.11
2022-08-20	126.46	10.51	99.68	113.34	134.23	69.19	2.61	61.31	63.35	66.68	83.41	5.53	69.1	79.75	86.61
2022-08-27	125.46	9.28	101.93	114.96	132.5	73.04	2.4	61.26	61.52	65.38	81.84	6.16	67.47	76.34	86.37
2022-09-03	129.56	11.92	98.32	115.67	136.67	66.23	2.75	61.25	61.48	65.96	80.85	5.99	67	74.66	85.76
2022-09-10	129.22	10.82	101.6	116.02	136.72	81.28	2.31	61.26	62.51	66.04	82.64	5.38	69.75	78.49	87.14
2022-09-17	125.17	9.74	100.43	114.24	132.39	75.42	2.95	61.24	61.39	65.47	80.33	5.67	66.69	75.4	85.27
2022-09-24	127.12	10.46	99.42	116.46	134.66	68.46	2.48	61.25	61.47	65.89	82.65	5.93	66.8	74.56	85.33
2022-10-01	128.84	11.59	98.68	113.76	136.77	62.74	1.39	61.25	61.38	65.01	79.33	5.95	65.9	73.15	84.32
2022-10-08	128.46	10.45	101.9	116.52	136.18	62.89	1.27	61.25	61.38	63.87	78.23	5.69	66.16	71.56	83.91
2022-10-15	121.22	8.18	99.05	111.24	125.28	89.65	4.13	61.43	64.88	70.23	82.36	6.43	67.1	75.65	87.06
2022-10-22	122.26	8.75	100.97	113.19	129.22	70.04	3.66	64.7	66.08	75.42	82.42	6.42	68.12	77.88	87.36
2022-10-29	124.85	9.13	101.31	114.29	132.2	73.45	5.32	64.74	66.27	78.97	83.4	5.85	69.5	78.78	88.68
2022-11-05	124.75	10.11	98.51	115.21	131.09	73.78	3.07	64.76	68.74	73.82	85.09	6.22	68.91	82.11	89.76
2022-11-12	121.21	8.25	100.69	112.84	128.09	88.66	2.52	64.76	68.52	71.24	84.75	5.32	70.88	82.25	87.46
2022-11-19	124.84	8.71	102.05	114.43	130.24	72.65	3.09	64.73	66.78	72.57	83.52	5.5	69.64	80.17	86.95
2022-11-26	127.33	10.47	99.29	115.65	134.53	69.31	2.72	64.79	67.99	72.8	84.37	5.35	71.33	81.83	89.02
2022-12-03	123.18	9.04	100.35	114.74	129.39	69.44	2.9	64.78	67.9	72.58	83.69	5.85	70.1	81.1	88.46
2022-12-10	122.24	9.25	98.67	114.01	127.95	90.28	3	64.68	65.15	71.56	85.1	6.6	69	77.3	90.29
2022-12-17	124.94	10.03	96.65	113.1	129.82	75.39	2.84	64.76	69.89	73.23	86.49	5.38	72.18	84	90.18
2022-12-24	130.55	11.83	99.92	116.31	138.85	72.6	4.18	64.77	69.35	78.64	84.72	5.63	71.13	82.03	90.15
2023-01-01	122.51	10.12	97.23	113.65	128.86	70.04	2.58	64.7	67.8	70.9	83.68	6.02	69.34	81.22	88.89
2023-01-08	121.83	9.07	98.94	113.97	128.19	71.87	4.06	64.71	68.73	77	83.51	5.62	70.29	80.44	89.04
2023-01-15	124.88	10.24	97.76	114.03	130.76	70.48	3.31	64.68	65.89	74.14	83.59	5.48	70.66	78.93	88.76
2023-01-22	129.26	10.51	102.2	117.66	136.82	73.52	2.47	64.67	65.12	71.03	80.66	5.59	68.15	76.48	85.85
2023-01-29	123.36	9.43	99.27	114.93	130.28	69.91	2.57	64.77	67.48	71.38	82.18	4.97	70.55	80.43	86.6
2023-02-05	125.72	10.24	99.76	116.01	132.21	70.69	3.79	64.7	67.46	76.65	82.63	5.85	69.08	79.57	87.78
2023-02-12	125.59	10.49	98.72	114.75	131.57	77.43	2.99	64.67	65.43	72.44	82.32	6.13	68.37	77.16	88.33
2023-02-19	127.32	10.81	98.42	115.37	133.94	86.4	2.27	64.85	69.52	71.31	86.01	4.49	75.22	84.29	89.28
2023-02-26	122.35	8.63	101.4	115.19	128.82	70.42	3.06	64.71	68.3	73.22	83.59	5.46	70.43	80.52	87.47

2023-03-05	123.78	9.56	99.45	114.66	129.83	72.32	2.85	64.66	65.56	71.12	83.29	6.4	68.25	78.84	87.55
2023-03-12	123.46	9.88	96.98	112.37	129.5	65.37	2.82	61.19	62.52	69.51	81.86	5.74	67.65	77.56	85.83
2023-03-19	129.94	10.64	100.39	114.46	136.07	66.97	2.93	61.19	61.65	68.19	80.98	6.44	66.42	76.81	86.12
2023-03-26	122.03	8.13	101.06	111.11	128.25	65.83	3.14	61.2	62.18	69.92	82.89	6.5	67.04	78.68	87.5
2023-04-02	122.36	8.94	98.87	112.77	130.02	72.14	3.07	61.18	62.25	69.31	82.25	5.44	67.06	76.79	84.73
2023-04-09	125.58	9.72	100.4	113.61	132.95	73.21	3.14	61.19	61.97	69.88	82.98	6.05	68.06	77.39	87.94
2023-04-16	126.74	9.99	99.46	114.12	133.84	67.37	3.13	61.24	62.46	69.9	83.52	6.22	67.38	77.79	87.15
2023-04-23	128.63	10.59	100.95	113.07	135.71	65.16	2.78	61.25	62.31	69.15	82.79	5.68	69.26	78.04	87.17
2023-04-30	124.06	9.12	99.23	112.09	130.66	85.48	2.66	61.26	63.25	67.28	83.45	5.43	69.75	79.38	87.3
2023-05-07	134.05	12.9	100.19	113.73	142.2	65.19	2.07	61.22	61.71	65.41	83.4	5.77	68.05	77.28	86.71
2023-05-14	131.76	11.54	99.76	113.88	138	82.58	2.69	61.24	63.23	66.33	85.58	6.12	67.43	79.48	86.74
2023-05-21	131.19	10.1	102.28	113.62	137.85	75.76	2.51	61.22	61.85	65.96	81.92	5.74	68.29	77.72	86.15
2023-05-28	123.53	8.96	99.35	111.89	130.64	74.7	1.6	61.66	63.87	65.87	82.04	3.44	73.93	80.41	84.88
2023-06-04	128.81	11.19	99.96	114.54	136.89	71.69	2.73	61.23	63.28	67.02	82.99	5.96	68.89	79.67	87.12
2023-06-11	125.1	9.65	98.34	112.28	130.89	81.92	2.66	61.24	62.18	65.82	83.95	5.45	68.79	78.22	85.89
2023-06-18	122.49	8.8	99.92	112.63	128.44	87.28	3.35	61.23	62.66	67.13	85.89	5.3	70.36	78.64	86.81
2023-06-25	127.67	9.94	97.75	111.8	132.44	72.94	2.66	61.59	64.68	66.87	84.81	4.13	74.18	81.58	86.95
2023-07-02	128.23	11.95	95.83	112.28	136.08	83.44	3.23	61.35	62.1	67.71	83.17	5.82	69.65	78.72	87.72
2023-07-09	123.72	9.69	98.6	112.57	130.96	69.49	2.16	61.59	64.3	67.03	82.51	4.07	73.11	80.66	85.8
2023-07-16	125.15	9.36	102.14	113.39	132.94	69.73	2.47	61.37	63.97	67.49	82.5	4.95	71	80.24	86.41
2023-07-23	121.77	8.69	98.71	111.74	127.9	80.7	3.68	61.37	62.77	71.76	82.45	5.64	68.31	77.9	86.14
2023-07-30	130.4	12.44	96.42	113.79	137.48	69.22	2.3	61.38	62.36	65.87	82	5.65	67.03	77.52	84.69
2023-08-06	123.57	9.75	98.19	113.28	130.48	86.6	2.85	61.4	62.31	66.67	82.47	5.68	67.45	76.7	85.68
2023-08-13	123.16	9.92	97.28	112.23	130.22	73.33	2.36	61.37	61.54	66.29	81.74	5.97	67.6	74.89	86.31
2023-08-20	127.1	9.49	99.54	112.59	132.9	65.09	2.1	61.38	61.73	65.93	82.24	6.05	66.88	74.97	85.92
2023-08-27	131.68	12.82	97.82	114.9	139.55	81.11	3.3	61.38	62.22	68.46	81.47	5.67	67.5	76.66	86.42
2023-09-03	127.03	10.28	100.28	113.56	133.21	70.89	2.57	61.39	61.86	65.39	83.33	5.67	67.75	76.56	86.39
2023-09-10	127.63	10.51	98.99	113.1	135.3	74.61	2.57	61.37	61.65	65.45	83.52	6.15	67.41	74.86	86.47
2023-09-17	125.82	9.89	100	114.38	132.36	85.21	2.64	61.37	61.6	66.31	81.95	5.56	68.27	75.33	85.13
2023-09-24	131.02	11.78	100.99	114.47	138.4	67.38	3.65	61.36	61.63	71.76	81.75	6.14	67.76	74.76	86.88

2023-10-01	129.56	10.51	99.71	115.64	134.55	67.69	2.52	61.4	61.86	66.03	83.58	5.78	67.65	76.97	85.65
2023-10-08	121.08	8.79	99.56	112.87	127.73	69.97	3.02	61.4	61.89	69.79	80.17	5.66	67.03	74.39	84.88
2023-10-15	130.77	12.38	99.43	114.79	137.79	84.23	4.29	61.54	62.86	73.26	82.32	5.55	67.66	75.71	84.71
2023-10-22	127.46	10.69	99.22	114.16	134.76	67.12	3.12	62.35	64.19	72.03	83.38	5.86	68.2	79.01	87.43
2023-10-29	133.53	12.37	102.19	116.27	141.56	70.68	3.4	62.36	64.05	72.55	83.14	5.62	68.39	78.99	86.55
2023-11-05	127.32	10.45	99.62	111.25	136.1	85.9	3.39	62.32	64.26	71.88	82.99	6.4	67.47	78.01	86.85
2023-11-12	135.5	14.07	99.97	115.56	143.37	73	2.91	62.36	63.68	68.36	82.99	4.93	70.62	79.05	85.76
2023-11-19	128.03	10.06	100.11	113.29	135.34	66.27	2.74	62.36	63.37	68.67	82.26	6.46	67.9	77.72	87.88
2023-11-26	137.15	13.36	99.59	115.98	145.34	67.49	3.02	62.44	65.12	72.33	84.44	5.44	70.25	80.48	88.07
2023-12-03	122.92	8.2	98.6	111.41	125.12	69.77	4.37	62.32	63.39	75.32	83.05	6.27	68.56	78.57	88.56
2023-12-10	133.85	12.66	98.98	114.74	141.76	67.53	3.37	62.36	64.97	73.47	82.07	4.43	71.97	80.58	86
2023-12-17	132.07	10.97	100.88	113.62	140.47	66.15	2.49	62.32	63.72	68.67	82.62	5.95	67.99	79.29	86.58
2023-12-24	132.83	12.92	97.09	114.48	139.85	67.66	2.99	62.38	65.08	71.61	81.14	5.54	68.32	78.85	86
2024-01-01	120.79	8.44	98.46	111.4	126.07	67.2	3.06	62.34	65.3	71.71	83.14	5.14	70.63	80.52	87.8
2024-01-08	135.81	12.97	100.5	116.94	144.49	67.85	2.58	62.46	67.05	69.42	87.14	5.24	73.9	85.4	91.34
2024-01-15	128.64	10.3	102.28	114.54	136.31	68.62	2.1	63.6	67.53	70.23	85.41	3.99	75.61	84.32	88.55
2024-01-22	131.76	11.35	101.64	114.5	139.14	69.48	4.67	62.32	63.45	75.53	83.1	6.06	68.96	77.32	88.58
2024-01-29	118.15	8.32	97.58	110.73	124.89	65.18	2.57	62.29	62.61	69.47	79.92	4.88	69.81	76.18	85.19
2024-02-05	136.2	12.94	100.05	115.66	144.03	74.31	2.77	62.3	63.64	68.76	83.74	5.52	69.67	79.27	86.35
2024-02-12	127.94	9.73	101.59	113.93	133.4	66.83	2.38	62.35	66.54	68.48	84.78	5.57	70.09	82.69	87.53
2024-02-19	131.05	10.97	101.17	113.91	139.16	69.78	2.73	62.31	64.13	70.34	82.21	5.81	67.5	78.6	85.84
2024-02-26	121.9	8.92	97.8	111.55	126.12	93.26	4.22	61.4	65.15	72.92	84.51	6.03	69.45	80.99	88.97
2024-03-04	125.75	10.65	96.78	112.53	132.82	66.96	3.47	61.38	62.67	70.64	83.9	5.69	68.45	77.3	85.42
2024-03-11	126.19	10.17	99.99	113.15	133.61	76.86	3.27	61.34	62.68	70.59	81.93	5.62	68.21	77.86	86.3
2024-03-18	120.19	7.66	101.01	113.2	126.96	66.1	2.76	61.35	61.98	68.61	80.45	5.96	66.82	76.57	85.34
2024-03-25	121.28	8.25	100.55	111.03	128.03	64.6	2.47	61.34	61.76	68.72	79.48	5.88	66.6	74.49	85.24
2024-04-01	120.18	7.66	101.59	111.96	127.12	64.29	2.29	61.36	62.32	66.96	81.22	5.73	68.28	78	86.31
2024-04-08	129.32	12.11	97.29	113.68	137.09	76.35	4.23	61.35	62.1	73.9	81.49	5.61	68.19	76.69	86.65
2024-04-15	115.88	7.09	98.93	110.14	121.4	65.16	2.48	61.36	63.61	67.3	82.65	5.33	69.91	80.37	86.12
2024-04-22	119.66	8.31	98.16	111.07	126.31	66.19	3	61.36	63.26	70.35	81.15	4.77	69.76	78.13	85.12

2024-04-29	117.81	7.65	98.42	110.83	124.18	89.66	2.66	61.35	62.57	66.46	83.1	5.27	68.79	77.42	85.29
2024-05-06	130.3	11.6	100.04	112.98	138.68	70.28	2.55	61.33	61.93	66.92	80.66	5.48	68.48	76.69	85.89
2024-05-13	120.42	7.93	99.5	111.9	126.19	71.45	2.15	61.4	63.97	66.73	81.82	4.79	69.61	80.01	85.63
2024-05-20	125.73	10.3	98.6	110.68	133.14	67.4	3.36	61.38	63.68	72.36	81.98	4.99	69.91	79.22	85.85
2024-05-27	125.56	9.54	99.19	112.77	132.26	75.45	3.62	61.34	62.09	69.94	82.97	5.74	67.49	76.82	86.19
2024-06-03	128.97	11.93	97.72	113.43	136.49	77.73	3.6	61.33	62.1	71.18	83.12	5.54	69.78	78.85	87.85
2024-06-10	126.89	9.41	101.62	112.2	134.04	66.5	2.61	61.35	63.33	67.24	83.94	5.54	68.8	79.45	86.49
2024-06-17	126.67	10.81	98.56	111.17	134.19	67.23	2.63	61.35	61.95	66.06	81.09	5.92	67.41	77.07	86.34
2024-06-24	127.51	11.04	98.29	113.07	135.5	70.97	2.12	61.37	61.85	65.15	79.93	5.02	68.33	75.94	84.88
2024-07-01	130.09	12.13	94.46	111.66	138.72	73.39	2.97	60.17	61.45	65.32	80.87	4.72	68.91	75.8	84
2024-07-08	118.03	8.32	97.7	111.42	124.45	79.46	2.82	60.21	62.16	66.19	82.38	5.1	70	78.57	85.91
2024-07-15	128.68	10.25	98.81	112	132	73.44	2.72	60.3	63.39	65.64	82.03	4.88	70.28	80.56	86.22
2024-07-22	124.92	9.53	100.8	115.1	132.71	74.82	2.97	60.26	61.39	65.01	80.21	5.06	68.19	76.76	84.72
2024-07-29	123.44	10.17	98.76	112.69	130.95	69.14	3.11	60.19	61.37	66.35	83.24	6.02	67.08	77.2	84.94
2024-08-05	123.79	9.25	99.37	114.09	131.52	74.89	2.63	60.31	62.6	65.58	82.03	4.94	69.57	78.84	85.03
2024-08-12	122.72	9.74	98.27	112.97	130.67	65.28	2.43	60.21	61.12	63.9	80.7	5.34	67.15	75.92	84.52
2024-08-19	127.43	11.4	98.85	115.17	135.63	69.84	3.88	60.16	60.42	71.22	80.61	6.13	66.03	73.07	85.36
2024-08-26	121.17	9.61	95.49	111.04	128.6	82.95	3.47	60.13	60.33	68.64	80.76	6.14	66.54	73.01	85.91
2024-09-02	117.24	7.3	100.05	112.17	123.53	79.9	3.3	60.16	60.43	65.42	82.98	6.24	67.14	75.04	85.7
2024-09-09	117.94	8.1	98.94	111.22	124.21	75.99	3.23	60.14	60.65	68.06	80.13	5.9	66.5	75.1	84.76
2024-09-16	120.81	8.5	98.25	113.64	126.97	66.49	2.25	60.16	60.43	64.05	81.09	5.7	66.55	73.99	83.99
2024-09-23	116.49	7.17	98.51	110.86	122.71	74.24	4.08	60.16	60.59	71.74	80.51	5.55	67.68	76.23	85.56
2024-09-30	117.03	7.14	98.85	112.33	123.37	70.23	2.97	60.2	60.7	67.57	81.14	5.76	66.89	74.47	85.52
2024-10-07	119.45	8.69	96.36	110.64	125.58	72.22	2.68	60.18	60.7	63.89	79.98	5.57	66.11	73.68	83.21
2024-10-14	134.88	12.68	101.85	119.42	142.3	73.47	5.27	61.48	61.97	76.61	84.07	7.31	67.07	75.95	90.73
2024-10-21	130.5	11.01	99.98	114.52	136.41	67.02	3	61.54	62.11	70.01	81.64	6.52	67.08	76.45	87.17
2024-10-28	129.02	10.83	99.97	117.1	136.19	65.36	2.9	61.52	62.31	69.71	80.06	5.41	67.98	75.63	85.86
2024-11-04	129.54	11.62	99.61	115.41	137.22	67.27	3.76	61.51	62.39	73.31	82.71	6.36	68.66	77.57	89.1
2024-11-11	134.41	11.84	103.49	119.76	142.45	68.09	3.84	61.56	64.14	73.21	83.58	5.8	68.72	78.95	87.79
2024-11-18	134.22	11.18	104.52	119.04	141.32	70.3	3.32	61.55	63.72	71.04	87.17	6.15	72.24	80.99	91.12

2024-11-25	127.98	10.28	101.69	117.06	135.62	68.79	2.17	61.5	62.05	66.25	79.87	5.02	68.54	76.7	85.13
2024-12-02	133.35	12.51	100.63	120	141.12	71.25	3.41	61.8	64.3	72.48	83.71	4.86	71.81	80.4	87.63
2024-12-09	134.01	11.47	103.78	120.48	141.36	84.55	2.61	61.51	64.82	68.62	84.43	5.36	69.94	80.9	87.51
2024-12-16	135.39	12.42	102.59	120.13	143.14	67.89	3.68	61.51	65.1	73.52	83.22	5.32	70.32	80.92	87.85
2024-12-23	125.07	10.32	98.21	114.1	132.03	82.33	3.6	61.54	64.67	72.56	84.33	5.23	70.57	79.9	87.51

Table 12c: Jordan River weekly sound pressure levels (SPL) in decibels (dB). Mean (Avg) and standard deviation (Std), Q₅, Q₅₀ and Q₉₅ levels for rain and commercial vessels are given.

Date	Avg 19500- 20500 Hz	Std 19500- 20500 Hz	Q5 19500- 20500 Hz	Q50 19500- 20500 Hz	Q95 19500- 20500 Hz	Avg 57-71 Hz	Std 57-71 Hz	Q5 57-71 Hz	Q50 57-71 Hz	Q95 57-71 Hz	Avg 113- 141 Hz	Std 113- 141 Hz	Q5 113- 141 Hz	Q50 113- 141 Hz	Q95 113- 141 Hz
2019-01-01	83	9.15	63.72	72.2	89.36	108.81	8.37	86.83	104.04	115.1	104.11	7.75	84.99	96.05	110.54
2019-01-08	77.27	6.28	63.71	72.04	82.74	107.96	6.66	92.11	104.24	113.72	105.17	7.46	86.93	96.92	111.65
2019-01-15	78.1	6.31	63.84	74.19	83.06	108.29	7.77	89.73	103.35	114.47	106.16	7.6	86.77	96.59	110.76
2019-01-22	76.66	6.36	63.51	69.81	83.2	108.49	7.61	90.04	103.14	114.76	104.97	8.11	84.49	96.33	111.89
2019-01-29	79.79	7.04	63.63	72.62	85.86	108.48	7.93	88.17	103.09	114.3	103.04	7.54	84.17	95.65	108.86
2019-02-05	76.51	4.37	64.34	74	78.98	108.12	7.78	88.51	103.15	114.24	103.46	7.91	83.4	95.49	109.53
2019-02-12	75.28	5.7	63.56	73.3	79.18	107.44	7.74	88.41	101.76	113.85	103.72	7.76	84.05	95	110.31
2019-02-19	77.12	6.31	63.67	72.27	82.82	109.36	7.04	92.79	104.94	115.36	104.76	7.61	86.81	97.5	111.56
2019-02-26	75.9	4.94	63.6	74.67	79.49	106.86	7.68	87.32	101.04	113.31	103.86	7.71	84.85	94.93	109.84
2019-03-05	73.49	5.04	63.82	68.48	78.02	110.21	6.71	94.5	106.08	116.15	105.24	7.52	87.13	97.2	112.17
2019-03-12	76.3	6.45	63.78	66.25	84.12	109.64	7.42	91.84	105.23	115.61	104.33	7.77	85.51	95.82	110.59
2019-03-19	75.08	5.25	63.77	66.12	77.96	110.9	7.51	92.92	105.09	117.05	105.72	8.26	85.47	96.33	112.19
2019-03-26	75.43	6.29	63.79	64.83	80.95	109.73	7.57	91.77	104.28	115.99	104.66	8.01	84.71	96.74	111.27
2019-04-02	77.79	6.86	63.82	68.22	84.37	108.9	7.66	91.02	102.58	115.24	104.03	7.76	84.7	94.88	110.17
2019-04-09	79.63	6.9	64.02	73.85	86.43	109.6	8.15	89.79	104.1	115.53	104.15	7.92	84.57	95.18	110.14
2019-04-16	80.12	7.62	63.92	70.05	87.72	111.26	8.32	90.05	105.32	117.49	104.08	8.13	83.21	96.24	110.17
2019-04-23	75.16	6.21	63.83	68.51	79.29	109.76	7.98	90.63	103.8	116.08	104.13	8.01	83.85	96.53	110.49
2019-04-30	72.66	4.91	63.8	67.24	76.45	108.69	8.07	88.99	103.96	114.85	103.23	7.3	85.47	95.65	109.43

2019-05-07	73.79	5.26	63.79	66.23	78.98	109.47	7.43	91.03	104.65	115.58	104.51	7.74	84.38	97.22	110.86
2019-05-14	78.18	6.57	63.8	68.51	84.31	111.27	8.77	88.8	105.64	117.09	106.34	8.39	85.21	98.81	112.56
2019-05-21	72.69	4.84	63.82	64.98	77.22	111.74	9.07	87.97	104.02	117.52	103.91	7.99	83.35	96.52	109.41
2019-05-28	79.26	4.44	66.2	75.19	80.06	110.67	7.92	90.68	104.72	116.57	104.61	7.22	87.56	97.7	110.6
2019-06-04	76.85	5.58	63.45	68.69	79.14	111.39	7.95	92.34	105.28	118.43	103.75	7.28	85.01	97.5	109.76
2019-06-11	77.97	5.86	63.42	71.44	77.99	110.48	7.29	92.28	106.16	116.68	105.09	6.9	88.77	98.85	111.34
2019-06-18	77.27	4.38	63.91	72.23	77.76	110.45	7.61	91.74	105.57	116.82	104.71	7.38	86.22	98.74	110.51
2019-06-25	80.14	6.05	63.41	67.63	83.05	109.45	7.54	91.24	104.6	115.3	104.87	7.39	86.66	97.64	111.17
2019-07-02	78.93	4.88	63.52	68.96	77.1	112.09	8.83	89.82	105.36	119.5	104.12	7.02	86.1	97.58	109.74
2019-07-09	76.72	6	63.38	66.26	81.59	109.3	7.33	91.37	104.31	115.84	104.03	6.78	87.17	96.96	110.14
2019-07-16	78.75	6.24	63.39	67.31	79.71	112.12	8.72	90.1	104.43	119.18	104.59	7.05	87.9	97.95	111.16
2019-07-23	75.95	5.49	63.4	68.13	77.58	109.86	7.7	91.17	104.09	116.47	102.11	6.25	87.17	96.46	108.26
2019-07-30	73.3	4.89	63.44	66.66	76.47	111.01	8.43	89.58	104.44	117.67	102.86	6.46	87.64	96.78	108.96
2019-08-06	77.35	5.57	63.51	69.91	78.11	109.25	7.7	90.52	104.11	115.21	102.51	5.81	89.41	97.38	108.71
2019-08-13	74.01	4.68	63.43	65.05	75.78	108.28	8.71	86.15	101.98	114.55	101.88	6.66	86.43	95.83	108.44
2019-08-20	77.08	5.74	63.56	65.01	78.89	107.37	8.12	87.44	100.53	114.18	103.21	6.96	86.87	95.7	109.35
2019-08-27	74.26	5.12	63.56	64.12	76.78	107.19	7.53	88.37	101.52	113.11	104.07	6.75	88.19	96.35	110.18
2019-09-03	74.23	4.98	63.58	65.7	77.22	106.88	7.66	88.53	100.14	113.39	104.57	7.13	87.56	95.4	110.35
2019-09-10	82.16	8.17	63.59	64.35	88.53	106.54	8.04	86.2	100.18	113.12	104.55	7.7	85.1	96.24	110.91
2019-09-17	78.89	7.68	63.67	64.61	86.45	107.81	8.04	88.98	101.1	114.48	103.64	7.49	85.38	95.3	109.94
2019-09-24	75.63	5.84	63.72	66	80.42	108.42	7.86	89.01	101.63	114.81	102.95	7.21	85.44	95.58	109.37
2019-10-01	78.77	7.07	63.6	64.7	85.81	107.12	9.2	83.62	99.93	113.27	104.39	8.61	81.81	94.64	110.79
2019-10-08	76.74	5.84	63.59	69.63	78.48	106.74	7.88	87.29	100.58	113.36	103.35	7.54	85.01	95.94	109.47
2019-10-15	82.18	8.11	63.73	73.2	88.92	107.61	8.37	86.05	99.25	114.21	102.75	7.95	83.46	93.83	109.88
2019-10-22	78.78	7.11	63.55	65.45	86.37	108.29	7.93	88.57	101.73	114.76	104.51	7.84	84.57	96.45	110.9
2019-10-29	73.41	5.39	63.46	64.91	78.15	107.75	7.82	88.05	102.38	113.88	105.18	7.7	86.45	97.69	111.55
2019-11-05	73.16	4.93	63.49	65.52	76.48	106.54	7.13	89.53	101.11	113.07	105.04	7.99	85.48	96.3	111.67
2019-11-12	83.17	9.05	63.51	71.24	90.88	107.13	8.08	87.18	101.45	112.72	104.11	8.54	82.56	95.89	110.48
2019-11-19	77.8	6.59	63.49	66.53	83.05	109.06	7.49	91.3	103.06	115.48	106.33	8.06	86.01	97.67	112.21
2019-11-26	76.23	3.89	67.09	75.04	79.5	108.91	7.97	88.42	104.02	114.92	105.4	7.24	87.34	98.47	111.63

2019-12-03	80.56	7.25	63.1	69.38	85	107.45	8.1	87.18	100.8	114.24	106.92	8.34	85.59	95.68	112.64
2019-12-10	81.67	7.81	63.24	72.37	88.25	109.38	8.96	86.19	102.77	115.67	104.51	8.36	83	96.33	110.63
2019-12-17	80.35	8.63	63.16	69.27	87.22	107.98	8.15	87.18	102.33	114.45	105.05	8.11	84.57	96.56	111.22
2019-12-24	76.79	5.86	63.15	71.25	80.4	107.8	7.63	89.08	102.37	114.07	105.89	7.84	85.66	96.4	111.64
2020-01-01	83.5	6.82	65.29	78.41	88.98	106.18	7.68	87.68	99.13	112.84	102.65	7.36	84.75	94.14	108.78
2020-01-08	81.09	6.84	63.31	76.35	87.88	109.74	8.49	88.61	104.41	116.41	104.63	7.44	86.42	97.9	111.24
2020-01-15	79.55	7.25	63.2	74.01	84.81	107.15	8.4	86.44	101.52	113.36	104.95	8.26	84.14	95.8	111.62
2020-01-22	82.64	8.58	63.26	74.75	89.27	107.86	6.91	91.78	102.84	114.06	104.48	7.07	86.59	97.48	110.59
2020-01-29	81.86	8.53	63.25	72.11	89.56	107.02	7.44	88.62	100.81	112.78	105.91	7.57	86.76	95.57	111.98
2020-02-05	79.26	7.63	63.26	70.39	87.05	108.72	8.22	87.7	103.48	114.89	104.76	7.49	85.61	97.15	110.54
2020-02-12	77.07	6.49	63.18	71.33	83.36	108.77	8.37	88.47	102.8	115.42	103.33	7.66	84.88	96.59	110.21
2020-02-19	77.12	6.25	63.19	73.76	80.48	108.4	7.34	89.62	102.82	114.31	106.2	7.81	86.61	97.22	112.27
2020-02-26	75.14	6.21	63.14	68.79	80.71	108.32	7.88	88.53	102.78	114.76	105.79	8.13	85.3	96.77	112.08
2020-03-04	75.16	6.24	63.13	65.77	81.97	108.67	8.19	87.89	103.38	115.06	105.3	7.94	86.28	96.85	111.72
2020-03-11	77.19	6.07	63.13	75.78	79.7	107.89	7.72	89.72	102.4	114.1	105.11	7.48	86.85	96.96	111.04
2020-03-18	71.69	5.13	63.09	66.76	77.71	107.54	7.43	89.41	101.32	114.02	104.76	8.03	85.52	95.85	111.94
2020-03-25															
2020-04-01															
2020-04-08															
2020-04-15															
2020-04-22															
2020-04-29															
2020-05-06															
2020-05-13	77.24	6.34	63.89	68.66	82.89	103.7	7.72	85.38	97.29	110.39	103.95	8.05	83.7	94.17	109.64
2020-05-20	79.11	6.09	64.36	72.14	86.35	105.7	7.68	87.03	100.25	111.9	104.92	8.04	85.43	96.45	111.4
2020-05-27	75	5.01	63.91	71.15	76.91	105.96	6.93	88.79	100.58	111.9	104.4	7.08	86.94	96.33	110.35
2020-06-03	76.04	5.73	63.9	67.89	81.67	105.52	7.5	87.24	100.59	111.56	104.07	7.37	85.29	96.83	110.6
2020-06-10	76.63	6.24	63.84	64.85	83.77	104.2	7.73	85.03	97.92	110.46	103.69	7.5	84.52	94.98	109.6
2020-06-17	73.6	4.86	63.88	67.77	77.18	105.3	7.68	85.58	101.02	110.96	103.41	7.55	83.66	96.66	109.43
2020-06-24	75.29	5.08	63.94	70.93	77.62	105.08	7.85	86.01	99.05	111.64	103.1	7.07	85.38	95.71	109.72

2020-07-01	76.91	5.75	63.95	68.39	82.46	107.74	8.02	87.81	101.04	114.03	105.72	6.79	88.62	98.15	111.22
2020-07-08	76.78	5.77	63.88	67.47	81.52	105.01	7.72	85.67	99.08	110.42	103.9	6.61	86.22	97.9	109.74
2020-07-15	72.8	4.58	63.88	69.5	76.63	108.24	8.72	86.2	99.33	115.2	104.02	6.53	87.89	98.98	109.52
2020-07-22	75.83	4.91	63.95	68.78	77.27	105.41	6.62	89.86	101.04	111.38	104.12	6.28	89.12	97.82	110.22
2020-07-29	76.27	5.09	63.91	71.14	77.73	107.87	8	86.96	101.63	114.18	103.93	6.62	87.77	97.38	109.9
2020-08-05	74.59	5.36	63.91	67.63	80.19	104.52	7.33	86.72	98.9	110.72	102.71	6.42	87.73	95.89	108.61
2020-08-12	74.08	4.74	63.82	66.92	76.28	106.21	7.98	86.42	100.52	112.01	102.68	6.5	86.74	95.66	108.17
2020-08-19	80.28	7.24	63.86	64.84	86.52	105.19	7.84	85.71	99.43	111.28	102.95	6.6	87.54	95.34	109.26
2020-08-26	72.92	4.83	63.89	65.18	76.8	105.12	7.77	85.7	99.97	111.27	103.53	6.54	88.32	96.21	109.7
2020-09-02	74.53	5.47	63.87	68.2	79.09	104.93	6.74	89.16	99.83	111.03	102.4	6.09	88.12	96.2	108.31
2020-09-09	75.4	5.86	63.62	65.92	79.34	104.65	7.82	85.07	98.89	110.74	102.76	7.06	84.65	94.6	108.74
2020-09-16	73.4	4.64	63.58	64.36	76.21	106.8	7.62	88.08	101.54	113.01	105.19	7.56	85.67	95.24	110.83
2020-09-23	82.79	8.89	63.63	65.56	90.64	107.18	8.72	85.54	99.81	113.71	103.51	7.79	84.94	94.63	110.3
2020-09-30	70.56	4.02	63.57	64.13	74.26	107.3	8.02	87.46	101.85	113.44	103.89	8.24	82.86	94.49	109.82
2020-10-07	82.05	8.99	63.57	68.45	89.23	107.14	7.39	89.08	101.41	113.29	104.94	8.1	84.28	95.41	110.4
2020-10-14	75.51	6.08	63.61	68.49	80.39	109.73	8.35	88.12	102.96	116.61	104.74	8.12	84.64	95.87	110.7
2020-10-21	74.98	5.68	63.75	69.73	78.81	110.38	8.08	88.16	102.29	114.93	107.78	8.23	84.19	97.73	111.4
2020-10-28	77.39	6.59	63.87	66.09	83.47	106.28	8.08	85.32	100.9	112.15	104.57	8.65	81.9	95.5	110.42
2020-11-04	77.96	6.52	63.89	67.22	82.9	106.29	7.91	86.51	100.96	112.39	103.57	8.29	82.83	94.95	109.52
2020-11-11	80.3	6.85	64.35	74.36	86.38	108.68	8.1	88.95	102.54	114.82	104.66	7.82	85.15	96.37	110.81
2020-11-18	78.78	7.16	63.9	68.9	86.03	107.87	8.3	87.71	101.45	114.7	105.68	8.56	84.1	96	111.47
2020-11-25	77.79	6.64	63.97	70.14	84.08	106.87	7.97	87.41	100.71	113.24	103.88	7.57	85.32	95.27	110.16
2020-12-02	78.67	7.29	63.81	71.14	85.75	106.56	7.73	88.12	100.23	113.01	105.1	7.45	86.88	96.17	111.37
2020-12-09	80.7	7.78	63.92	72.36	88.35	107.84	8.22	87.92	101.79	114.15	104.66	8.75	82.46	96.47	110.97
2020-12-16	81.87	7.44	63.93	75.97	88.07	106.99	7.97	87.53	100.41	113.23	102.61	7.67	84.19	94.6	109.54
2020-12-23	77.74	5.88	64.44	73.75	83.45	106.07	7.94	86.96	99.51	112.36	103.38	8.3	83.1	94.34	109.68
2021-01-01	81.24	7.85	64.04	74.17	87.98	105.83	8.23	85.53	98.88	112.34	102.27	8.47	81.34	93.1	109.14
2021-01-08	81.02	7.32	64.48	76.23	88.11	108.18	7.12	90.92	103.65	114.55	106.01	7.53	86.27	97.87	111.66
2021-01-15	75.7	5.3	63.89	68.98	79.04	106.85	7.11	89.47	101.76	112.24	105.7	8.21	85.07	97.51	112.5
2021-01-22	75.93	5.44	64	72.25	79.83	106.63	7.13	89.52	101.18	112.91	104.91	7.86	84.76	96.2	110.85

2021-01-29	80.15	7.41	63.86	71.74	86.72	107.15	7.72	89.21	100.78	113.47	103.52	8.2	82.78	94.71	109.95
2021-02-05	76.8	5.73	63.96	73.87	80.8	108.5	7.14	91.83	103.22	114.76	105.94	7.69	87.41	98.43	112.2
2021-02-12	78.46	4.76	65.28	77.28	80.6	106.09	7.38	88.38	100.8	112.34	104.28	7.55	85.28	95.7	110.08
2021-02-19	79.56	6.63	64.02	75.38	85.56	108.23	7.5	90.16	101.28	114.24	104.45	7.96	84.05	95.55	110.04
2021-02-26	79.06	6.25	63.99	68.31	80	112.77	6.95	91.96	103.35	114.67	107.46	7.72	87.08	96.87	111.34
2021-03-05	78.32	6.55	64.66	69.01	84.28	108.41	7.92	88.77	102.28	115.29	104.97	7.89	85.46	95.95	111.58
2021-03-12	81.97	5.62	64.62	65.69	80.28	108.57	7.96	89.37	102.76	114.86	105.07	7.58	86.31	96.35	110.75
2021-03-19	80.18	6.65	64.83	74.74	87.03	107.12	7.56	88.99	100.57	113.6	103.76	7.41	85.51	95.33	109.6
2021-03-26	75.12	5.27	64.68	71.4	80.05	109.02	7.47	91.01	103.36	115.17	104.83	7.31	86.51	97.32	110.85
2021-04-02	75.24	4.89	64.68	71.7	78.67	108.6	7.85	89.13	100.5	114.33	103.06	7.17	86.45	95.69	109.7
2021-04-09	75.78	5.7	64.64	71.84	79.44	107.5	8.3	86.73	99.64	114.13	104.12	7.81	85.21	95.5	110.26
2021-04-16	74.33	4.5	64.65	65.42	76.57	105.71	8	85.79	98.89	112.03	105.19	7.43	85.74	95.8	110.48
2021-04-23	75.97	5.62	64.68	70.19	82.06	107.24	8.87	85.48	99.94	113.92	104.66	8.09	83.72	95.76	110.58
2021-04-30	77.45	5.7	64.69	69.72	80.44	108.73	8.18	88.39	101.96	114.7	104.17	7.54	85.55	96.3	110.41
2021-05-07	76.31	5.54	64.66	69.11	79.75	108.27	8.84	85.67	100.32	115.07	106.39	8.69	82.9	96.61	112.19
2021-05-14	75.54	5.12	64.7	71.86	78.85	107.14	8.05	87.05	100.85	113.58	103.61	7.35	84.91	96.24	109.81
2021-05-21	77.82	5.17	64.72	72.51	79.54	108.45	8.48	86.9	102.03	115.22	104.57	7.94	84	96.53	110.61
2021-05-28	75.44	5.35	64.66	67.3	78.54	109.4	8.25	88.62	102.52	115.77	104.91	7.38	86.89	97.85	111.16
2021-06-04	76.12	5.97	63.6	68.11	80.84	115.11	7.42	89.55	102.3	113.29	110.56	7.28	86.87	96.63	110.05
2021-06-11	77.64	6.47	63.55	64.57	84.19	107.36	6.97	90.42	102.89	113.25	105.05	7.55	85.76	96.74	110.91
2021-06-18	75.1	5.49	63.63	72.95	78.87	107.67	7.1	90.05	103.4	113.8	103.92	7.15	85.97	97.15	110.21
2021-06-25	75.08	5.86	63.61	67.02	79.66	108.38	8.05	87.72	102.75	114.91	105.51	7.41	86.47	97.38	111.14
2021-07-02	76.99	4.78	64.37	74.05	78.96	106.65	7.35	88.33	101.6	112.66	103.83	6.34	87.79	97.6	109.37
2021-07-09	76.19	3.62	68.33	74.77	79.34	107.49	7.18	90.67	103.51	113.2	102.45	6.11	86.72	97.74	108.09
2021-07-16	75.37	4.72	63.89	70.27	77.75	107.99	7.93	89	102.79	114.24	102.72	6.34	87.44	97.44	108.64
2021-07-23	76.12	5.31	63.78	71.1	78.49	108.68	7.93	88.9	103.11	115.14	103.41	6.85	87.08	96.69	109.85
2021-07-30	76.9	4.52	64.62	72.89	78.36	107.66	7.03	90.56	103.14	113.41	103.41	6.19	88.8	97.09	109.05
2021-08-06	75.66	5.12	63.66	66.29	76.7	108.41	8.64	85.88	102.3	115.09	103.2	6.87	86.9	95.44	109.15
2021-08-13	76.46	5.94	63.76	71.93	79.15	107.58	7.8	88.08	102.3	113.9	101.88	5.91	88.22	96.13	107.93
2021-08-20	76.81	5.22	63.74	66.56	78.32	107.96	7.63	89.31	103.41	114.18	103.15	5.74	89.97	97.73	108.53

2021-08-27	74.47	4.94	63.64	65.91	77.23	107.04	7.32	89.74	101.3	113.04	102.12	6.15	87.99	95.77	108.28
2021-09-03	78	6.08	63.59	64.79	80.14	107.4	7.63	88.84	102.17	113.61	103.72	6.44	88.6	96.15	109.54
2021-09-10	78.32	6.44	63.63	66.28	83.01	108.49	7.05	91.89	103.87	114.76	104.37	6.33	89.58	97.27	109.94
2021-09-17	82.17	9.17	63.61	65.73	90.19	108.57	7.35	90.84	103.88	114.56	103.72	6.54	88.26	98.13	109.72
2021-09-24	81.67	8.43	63.62	66.82	88.47	107.94	7.65	89.5	102.76	114.1	103.98	7.19	86.32	96.73	110.18
2021-10-01	79.34	6.46	63.65	64.61	84.75	108.45	7.47	90.15	103.31	114.66	103.6	7.35	85.89	96.68	110.18
2021-10-08	80.21	7.24	63.74	66.41	85.17	110.25	8.09	89.27	103.33	116.27	103.68	7.31	84.47	96.76	108.98
2021-10-15	81	8.51	63.67	68.01	88.39	108.14	6.86	91.31	101.98	114.44	104.62	7.65	84.89	95.73	110.48
2021-10-22	81.44	7.65	63.87	75.72	87.38	107.46	6.33	92.47	103.04	113.55	101.8	6.15	87.45	96.77	107.86
2021-10-29	81.32	6.8	64.19	75.23	86.9	107.08	7.02	89.93	102.4	112.93	103.8	7.32	85.81	95.5	109.95
2021-11-05	79.74	5.99	64.91	75.32	85.37	107.83	7.5	88.99	103.79	113.63	102.76	7.16	84.38	96.03	108.82
2021-11-12	83.39	7.38	64.43	75.84	90.83	107.44	6.58	91.64	102.67	113.34	106.35	7.52	85.94	95.57	110.18
2021-11-19	78.58	6.92	63.76	69.97	84.18	106.18	7.2	88.52	101.92	111.83	104.35	8.12	82.61	94.84	109.72
2021-11-26	85.93	9.74	63.7	74.54	92.54	106.9	8.19	86.37	100.7	113.07	103.7	9.01	80.36	93.87	109.52
2021-12-03	77.87	5.42	64.61	73.98	83.23	107.81	8.1	86.81	102.13	113.53	102.48	7.69	82.14	95.82	108.55
2021-12-10	79.56	6.77	63.9	74.34	85.64	107.5	7.41	89.59	101.52	113.62	103.05	7.05	86.18	95.79	109.76
2021-12-17	80.96	5.78	66.19	76.12	86.88	108.44	6.72	92.27	103.72	114.07	104.37	6.9	87.13	97.3	110.74
2021-12-24	78.63	5.2	64.14	74.91	81.71	106.85	7.68	87.9	100.49	112.81	101.73	7.37	83.7	94.28	108.21
2022-01-01	82.61	6.96	64.46	75	88.59	107.59	8.35	85.51	102.67	113.76	103.67	7.66	83.23	95.58	108.97
2022-01-08	83.21	8.53	63.72	71.99	90.9	107.89	6.06	92.76	103.21	113.31	105.6	6.85	89.57	98.01	111.59
2022-01-15	81.33	8.15	63.55	67.44	87.81	108.25	7.81	88.8	102.91	114.22	103.04	7.5	83.45	95.77	109.23
2022-01-22	75	4.99	63.84	74.57	78.53	107.39	7.68	89.42	102.62	112.76	103.35	7.2	85.92	95.96	109.17
2022-01-29	76.57	6.34	63.54	67.91	83.7	110.81	7.11	93.21	106.43	115.82	104.79	7.08	87.45	99.46	110.8
2022-02-05	75.1	5.74	63.52	67.05	78.43	108.8	6.99	92.03	103.14	114.21	104.23	7.61	86.05	96.61	110.8
2022-02-12	72.95	4.79	63.57	68.26	76.82	108.86	6.43	93.48	104.08	114.78	106.66	7.41	87.66	97.74	112
2022-02-19	74.76	5.41	63.55	72	78.84	107.68	7.02	90.38	103.26	113.81	105.35	7.3	86.86	97.84	111.29
2022-02-26	81.33	8.21	63.56	72.13	88.46	109.25	6.84	92.16	103.93	114.87	103.97	6.6	88.41	97.15	110.18
2022-03-05	74.74	5.77	63.32	67.81	79.26	108.73	7.52	89.71	102.91	113.25	105.96	7.52	86.32	96.98	110.57
2022-03-12	80.77	8.27	63.39	71.1	87.79	107.17	6.68	92.18	102.19	113.11	103.23	6.69	87.66	97.32	109.45
2022-03-19	79.1	7.57	63.34	72.71	86.26	107.29	7.8	86.99	102.5	113.69	104.67	7.71	85.32	96.91	110.72

2022-03-26	76.33	5.97	63.34	70.01	80.91	107.43	7.58	88.87	102.55	113.64	104.55	7.3	86.99	97.12	110.88
2022-04-02	79.66	7.39	63.36	75.58	86	107.18	6.14	93.59	102.56	113.46	105.59	6.74	89.08	98	110.74
2022-04-09	77.68	6.61	63.44	72.93	83.08	107	7.24	89.83	101.48	113.23	104.58	7.58	86.07	96.33	110.35
2022-04-16	78.01	7.53	63.35	68.15	84.97	106.74	8.25	86.96	101.82	112.87	102.74	7.29	84.69	96.32	108.77
2022-04-23	77.42	6.87	63.36	65.92	83.98	106.64	7.44	88.51	100.98	112.62	103.85	7.87	84.12	95.17	109.94
2022-04-30	79.1	7.25	63.41	71.58	85.69	107.28	6.94	91.06	101.53	113.42	104.18	7.38	85.91	96.33	110.38
2022-05-07	78.79	7.05	63.46	72.84	85.17	108.24	7.82	88.67	102.01	114.42	102.75	7.29	85.63	96.09	109.15
2022-05-14	79.65	7.21	63.59	72.01	86.44	109.38	8.03	89.23	103.15	115.25	103.34	7.53	84.54	97.69	109.53
2022-05-21	77.46	6.17	63.45	71.12	81.87	107.68	7.98	86.43	102.55	113.91	104.76	7.65	83.71	96.98	110.63
2022-05-28	78.82	6.71	63.37	66.03	84.23	108.3	8.46	86.1	101.6	114.53	104.29	7.98	83.6	96.03	110.19
2022-06-04	82.19	8.45	63.4	67.77	90.61	107.44	7.61	88.62	102.08	113.45	103.49	7.34	85.22	97.01	109.31
2022-06-11	76.4	5.78	63.47	69.56	80.39	109.67	7.9	90.12	103.32	115.9	105.03	7.36	87.18	97.45	111.14
2022-06-18	73.23	4.61	63.45	69.71	76.36	106.7	6.63	90.88	101.95	112.62	104.32	6.8	87.9	97.38	110.08
2022-06-25	75.22	5.64	63.38	64.74	79.51	109.78	7.76	88.8	101.24	113.91	107.15	7.57	85.22	95.87	109.54
2022-07-02	80.96	6.95	64.66	70.15	87.48	112.12	7.77	87.32	101.06	112.86	104.58	7.02	85.88	98.54	110.24
2022-07-09	77.43	4.91	64.58	71.26	77.26	109.74	7.64	91.17	104.03	115.91	103.64	6.15	89.05	98.65	109.37
2022-07-16	75.11	5.11	64.56	69.44	77.94	108.5	7.35	90.19	102.07	115.08	104.27	6.41	88.34	97.71	109.7
2022-07-23	74.9	5.02	64.57	71.11	77.44	109.3	8.33	89.13	102.9	115.5	103.33	6.26	88.14	98.08	108.58
2022-07-30	75.54	5.21	64.64	70.93	78.72	107.57	7.14	90.49	102.04	113.47	103.85	6.11	89.05	97.13	109.24
2022-08-06	77.09	5.54	64.53	66.51	78.44	111.1	8.04	91	104.85	117.29	103.59	6.09	89.04	99.13	109.37
2022-08-13	74.71	5.28	64.59	66.19	78.26	108.63	7.08	91.95	103.21	114.81	104.46	6.06	90.1	97.67	109.63
2022-08-20	77.45	5.15	64.78	73.12	79.83	108.51	7.58	90.34	103.51	114.82	102.51	5.87	89.23	97.26	108.11
2022-08-27	74.53	5.23	64.6	66.45	78.34	108.01	6.86	91.5	103.18	114.2	103.36	5.9	89.71	97.97	109.09
2022-09-03	75.69	5.1	64.54	65.71	78.97	109.61	8.46	88.73	103.9	116.3	105.64	6.52	87.83	97.61	108.87
2022-09-10	74.89	4.79	64.61	71.06	78.77	109.75	7.44	91.23	103.98	115.97	105.11	6.34	90.37	98.76	111.29
2022-09-17	71.93	4.47	64.57	65.44	76.67	107.84	6.84	91.33	103.42	113.39	103.21	6.02	89.22	97.72	109.11
2022-09-24	77.16	5.39	64.54	65.67	78.57	107.98	7.75	88.4	102.95	114.08	103.15	6.83	86.27	97.01	109.27
2022-10-01	70.4	3.97	64.49	64.96	76.53	108.88	8.29	87.9	102.86	115.48	103.13	7.54	84.11	96.45	109.12
2022-10-08	69.36	3.39	64.52	64.89	74.15	108.45	6.79	92.36	104.05	114.58	103.74	6.69	87.83	97.31	109.44
2022-10-15	75.21	5.46	64.37	65.75	79.42	108.65	7.73	89.34	101.33	114.2	103.06	7.6	84.7	95.11	108.89

2022-10-22	80.63	8.08	64.42	70.84	86.98	106.96	7.65	88.86	101.09	113.5	103.75	7.71	84.56	94.38	109.94
2022-10-29	84.99	10.34	64.47	71.17	91.92	108.53	7.34	90.51	103.09	114.63	104.18	7.91	84.3	95.6	110.68
2022-11-05	79.13	6.2	64.45	76.02	84.06	107.25	7.66	88.58	101.87	113.44	102.9	7.51	84.62	93.79	109.18
2022-11-12	77.76	5.28	64.46	75.56	80.19	107.67	7.44	89.55	101.53	113.1	103.11	7.75	84.87	94.34	109.61
2022-11-19	78.03	5.97	64.47	72.78	82.74	107.13	6.62	91.38	102.76	113.28	103.87	7.5	85.37	95.49	110.3
2022-11-26	78.1	5.58	64.99	74.82	82.81	108.18	7.37	89.91	103.12	114.51	103.48	7.51	85.19	96.21	110.24
2022-12-03	78.25	6.02	64.91	74.94	83.66	106.88	6.83	90.11	102.79	112.34	105.92	7.6	86.97	96.71	111.54
2022-12-10	78.09	6.43	64.3	67.91	82.49	106.69	7.81	87.12	102.09	112.74	103.12	7.75	84.35	95.26	109.9
2022-12-17	78.95	5.35	65.2	77.5	81.49	106.99	7.43	87.73	102.56	113.11	103.45	6.99	86.22	96.27	109.32
2022-12-24	83.65	7.24	65.02	77.43	90.43	107.27	7.63	88.36	101.43	114.01	103.57	7.27	84.57	94.48	108.32
2023-01-01	78.01	5.93	64.42	74.62	80.55	106.62	8.1	86.85	100.29	113.32	102.77	7.75	83.96	93.75	109.53
2023-01-08	83.21	7.99	64.65	76.81	89.88	106.69	7.78	87.4	101.67	112.86	104.72	8.49	82.72	95.36	110.82
2023-01-15	79.63	6.99	64.4	71.36	86.39	107.41	7.97	86.53	102.36	113.52	103.89	7.78	84.13	96.29	110.06
2023-01-22	75.99	5.95	64.29	67.34	82.41	107.97	6.59	92.11	103.66	113.89	107.13	7.47	87.48	96.64	111.2
2023-01-29	77.52	5.17	64.92	73.95	81.23	107.13	7.35	88.68	102.72	113.17	104.37	7.5	85.72	96.98	111.2
2023-02-05	81.04	7.3	64.53	74.41	88.34	107.15	7.28	89.46	101.62	113.54	102.75	7.43	84.94	94.21	109.63
2023-02-12	77.9	6.8	64.27	69.09	84.52	106.89	7.65	88.17	101.03	113.29	102.98	7.5	84.66	94.9	109.76
2023-02-19	78.72	4.3	66.55	77.52	80.81	107.8	7.97	88.06	102.06	114.4	104.02	7.47	85.04	95.45	109.95
2023-02-26	79.61	6.44	64.55	75.83	84.72	107.17	6.52	92.27	101.27	113.46	102.7	6.6	86.71	94.88	108.6
2023-03-05	76.81	6.48	64.27	70	80.56	106.62	7.35	89.02	101.47	112.91	104.03	7.5	85.94	95.94	110.52
2023-03-12	78.04	6.43	64.43	70.92	84.45	106.96	7.72	87.59	102.21	112.98	105.41	7.21	86.64	97.34	110.65
2023-03-19	77.36	6.64	64.41	67.74	82.64	109.24	7.81	90.16	103.81	115.55	104.2	7.18	86.17	98.23	110.47
2023-03-26	79.26	7.15	64.42	70.5	85.74	106.76	7.29	89.04	101.09	112.65	104.16	7.35	85.99	96.79	109.8
2023-04-02	78.87	6.95	64.42	70.36	85.16	106.95	7.45	87.92	103.17	112.58	104.44	7.44	85.21	97.66	110.54
2023-04-09	78.55	6.89	64.5	69.83	85.07	106.88	7.32	88.89	103.09	112.61	105.39	7.49	85.37	97.86	110.93
2023-04-16	79.48	7.19	64.52	71.81	85.77	107.17	7.39	88.99	103.03	113.01	104.11	7.08	86.71	97.55	110.16
2023-04-23	78.96	6.58	64.57	70.86	86.14	108.83	7.74	89.73	103.04	115.34	104.15	6.86	87.65	97.96	110.89
2023-04-30	77.5	5.69	64.55	73.04	81.3	107.59	7.77	88.55	101.67	113.82	103.29	6.93	87.2	97.43	109.64
2023-05-07	76.07	5.11	64.5	68.26	77.66	110.91	8.78	89.22	103.53	118.01	105.13	7.27	87.07	98.46	110.87
2023-05-14	79.65	5.65	64.5	72.89	79.84	109.99	8.45	88.31	103.43	116.14	104.23	7.35	85.81	98.45	109.97

2023-05-21	74.5	5.18	64.5	69	78.13	109.58	7.59	91.31	102.69	116.25	104.84	7.29	86.91	98.11	110.48
2023-05-28	75.49	3.28	67.5	74.14	78.48	106.48	7.37	88.57	101.47	112.63	102.92	7.04	86.08	96.57	109.2
2023-06-04	76.91	6.36	64.54	73.2	80.72	110.06	7.9	90.82	104.48	116.82	105.13	7.09	87.88	99.3	110.93
2023-06-11	78.37	5.1	64.55	70.33	78.07	107.55	7.86	88.08	102.67	113.99	102.16	7.1	84.86	96.52	107.94
2023-06-18	79.15	5.42	64.6	71.56	80.27	108.58	7.52	91.15	102.27	114.89	105.7	7.04	87.33	97.45	109.95
2023-06-25	77.84	4.15	67.09	75.58	79.96	110.8	7.69	88.87	102.45	113.72	107.09	7.11	86.7	97.41	110.13
2023-07-02	75.17	6.35	63.35	68.02	79.82	108.88	9.05	85.82	101.14	115.76	103.08	7.06	84.83	97.21	108.69
2023-07-09	75.1	4.02	65.58	73.53	78.33	106.27	7.4	88.5	100.69	112.81	102.07	6.14	87.33	97.24	107.73
2023-07-16	74.94	5.27	63.41	72.96	79.24	107.31	6.53	92.1	102.39	113.73	102.34	5.92	88.07	97.75	108.06
2023-07-23	80.23	6.98	63.37	70.52	85.86	106.01	7.15	89.41	101.32	112.02	102.27	5.84	88.65	97.07	107.82
2023-07-30	74.32	4.88	63.37	69.09	76.46	109.04	8.88	85.73	101.8	116.17	103.18	7.3	84.03	96.75	108.11
2023-08-06	77.1	5.47	63.44	68.77	78.61	105.61	7.24	87.6	100.16	111.78	103.17	6.1	87.99	96.69	108.24
2023-08-13	73.1	4.79	63.45	64.16	77.89	106.75	7.24	88.54	101.43	112.62	101.85	6.17	86.69	96	107.29
2023-08-20	74.19	4.91	63.42	65.56	77.39	108.57	7.31	89.54	100.25	113.41	104.6	6.94	87.09	95.64	109.41
2023-08-27	78.2	6.5	63.39	68.5	83.45	108.99	8.03	89.71	102.82	115.5	103.18	6.75	86.68	96.16	108.93
2023-09-03	76.63	4.87	63.45	66.91	76.19	107.74	6.9	90.96	102.56	113.75	102.93	6.49	87.88	96.82	109.65
2023-09-10	76.75	5.27	63.38	65.06	76.63	106.89	7.04	89.31	101.88	112.78	103.64	6.86	84.79	96.12	108.13
2023-09-17	75.92	5.39	63.39	64.48	77.37	107.08	6.76	90.48	102.7	112.92	103.34	7.09	86.61	96.33	110.17
2023-09-24	78.95	7.77	63.36	64.67	86.36	108.39	7.06	91.28	103.7	113.75	102.34	6.7	86.39	96.8	108.39
2023-10-01	76.74	5.76	63.4	65.86	77.66	109.99	7.36	90.97	104.33	115.25	104	6.84	87.52	97.46	110.03
2023-10-08	76.67	6.51	63.47	65.53	83.86	106.86	7.24	89.05	101.25	113.08	102.51	7.53	84.16	94.66	109.02
2023-10-15	78.9	7.63	62.88	67.65	86.43	113.22	8.34	89	102.28	115.73	106.71	7.32	82.72	95.66	107.89
2023-10-22	77.4	6.41	62.9	70.61	83.67	107.57	7.64	88.97	101.89	113.99	102.48	7.09	84.14	96.25	107.85
2023-10-29	78	6.66	62.94	70.32	84.04	109.6	7.79	90.63	103.7	116.53	103.57	7.06	85.41	97.26	109.63
2023-11-05	78.79	7.18	62.8	71.41	85.46	106.24	7.92	86.19	99.51	112.45	102.45	7.44	84.25	93.51	108.83
2023-11-12	76.43	5.71	63.11	69.54	79.74	110.25	8.09	89.83	104.18	117.37	102.08	6.61	85.63	96.52	108.04
2023-11-19	75.93	6.46	62.87	67.91	80.5	107.01	7.27	89.24	101.65	113.2	103.4	6.93	85.87	95.68	108.68
2023-11-26	78.09	5.92	63.32	72.31	84.02	111.67	8.99	87.87	104.65	119.24	104.01	7.48	85.22	97.16	109.94
2023-12-03	80.33	8.35	62.86	68.5	87.82	107.4	7.8	87.86	101.27	113.8	103.76	7.83	83.76	95.37	110.48
2023-12-10	78.61	6.9	63.07	72.3	86.15	109.95	8.18	89.83	104.28	116.39	104.97	7.64	85.02	96.71	109.99

2023-12-17	77.03	6.39	62.78	70.41	81.5	108.95	7.46	91.17	103.28	115.73	103.37	6.96	86.13	96.43	109.61
2023-12-24	77.42	6.57	62.97	72.47	84.44	108.32	8.62	87.23	102.76	114.1	102.18	6.77	86.02	94.98	107.79
2024-01-01	77.55	6.21	62.95	72.64	83.41	106.56	7.37	88.78	101.21	112.61	101.73	6.7	84.63	94.45	107.76
2024-01-08	78.12	5.07	63.6	76.53	80.86	110.56	7.79	90.68	105.8	117.04	103.15	6.36	87.78	98.66	108.88
2024-01-15	77.8	3.84	68.91	76.25	81.56	107.77	6.93	91.42	103.46	113.64	103.05	6.82	86.97	95.87	109.4
2024-01-22	82.17	9.53	62.8	69.39	89.24	108.71	7.32	90.7	103.79	114.55	102.94	6.62	86.35	96.39	108.48
2024-01-29	76.13	6.73	62.76	65.59	82.85	107	7.7	87.79	101.1	113.03	103.65	7.73	83.56	95.17	109.38
2024-02-05	75.11	5.9	62.77	69.62	79.26	111.8	8.35	89.85	104.82	118.76	105.19	7.39	87.15	97.64	111.69
2024-02-12	75.75	5.33	63.08	74.62	78.36	107.96	6.76	91.75	103.59	113.54	103.95	6.91	87.18	96.4	109.99
2024-02-19	76.12	6.39	62.72	70.85	82.57	109.08	7.09	92.07	103.9	115.84	103.29	7.29	84.91	95.49	108.89
2024-02-26	80.05	7.21	63.34	74.5	87.1	108.36	8.01	88.57	102.47	114.14	107.29	8.34	83.82	94.79	110.84
2024-03-04	79.31	7.24	63.33	69.98	84.48	108.89	8.12	87.64	103.29	115.31	104.3	8.3	82.85	96.32	110.79
2024-03-11	77.68	6.82	63.26	69.82	84.39	109.36	7.53	91.1	103.95	115.63	103.39	7.15	86.08	96.49	109.58
2024-03-18	76.32	6.8	63.24	66.89	82.6	107.98	6.52	91.87	104.35	113.68	102.24	6.85	85.7	96.52	108.23
2024-03-25	75.07	6.23	63.26	66.45	81.67	108.25	7.27	90.18	102.12	114.3	103.4	8.12	83.48	95.11	109.98
2024-04-01	73.77	5.67	63.29	68.81	79.35	107.61	6.56	92.06	102.84	113.31	103.26	6.4	88.01	96.65	109.05
2024-04-08	81.29	8.73	63.29	67.74	88.82	109.67	9	87.36	104.05	115.9	104.27	8.06	84.11	97.77	110.55
2024-04-15	75.45	5.96	63.31	72.11	78.86	106.91	7.63	88.85	101.6	112.98	104.64	7.98	84.71	96.89	110.9
2024-04-22	78.5	7.08	63.36	71.48	85.29	107.2	7.68	87.7	102.07	113.06	102.81	7.16	84.89	95.72	108.55
2024-04-29	76.06	5.4	63.34	69.17	77.99	106.72	7.36	87.93	101.92	112.53	103.68	7.31	85.99	95.94	110.07
2024-05-06	73.99	5.43	63.29	67.21	78.43	109.41	7.71	90.4	103.68	115.9	104.2	7.41	85.51	99.26	109.82
2024-05-13	74.03	4.52	63.52	72.7	77.63	108.47	7.47	89.6	102.74	114.54	102.34	6.2	88.02	96.92	108.39
2024-05-20	79.7	7	63.63	72.47	88.05	107.84	7.65	89.46	102.33	113.92	104.14	7.18	86.44	96.76	109.6
2024-05-27	78.81	7	63.28	67.84	85.23	107.32	6.69	90.71	103.2	112.84	104.21	6.73	87.32	98.67	109.32
2024-06-03	78.3	6.93	63.35	68.44	84.86	108.63	8.02	89.15	103.27	114.97	104.5	7.74	85.97	98.19	110.36
2024-06-10	76.8	5.82	63.35	71.64	79.75	107.32	6.46	92.31	102.23	113.23	103.46	6.05	89.62	98.2	109.24
2024-06-17	73.43	5.2	63.34	67.53	77.51	106.84	7.32	90.16	102.06	112.61	103.84	7.44	86.31	97.54	109.88
2024-06-24	71.8	4.49	63.33	66.17	75.52	107.82	7.68	88.76	102.57	113.81	104.08	7.15	86.34	98	109.81
2024-07-01	71.41	4.25	63.34	64.88	74.77	110.15	8.51	85.34	101.28	113.91	106.26	7.47	85.44	97.3	110.62
2024-07-08	74.6	5.16	63.47	71.07	78.15	108.22	7.93	88.11	101.3	113.83	105.14	6.91	87.85	97.01	110.29

2024-07-15	75.01	4.59	64.18	73.77	78.64	110.05	7.99	88.59	100.85	113.78	103.38	6.53	87.77	96.46	109.06
2024-07-22	71.99	4.35	63.54	69.12	76.25	107.28	7.09	90.2	102.02	113.32	102.3	6.45	86.81	96.86	108.76
2024-07-29	78.87	6.32	63.43	68.95	80.06	106.6	7.38	88.37	100.85	112.81	103.53	6.87	86.48	95.89	109.54
2024-08-05	75.36	4.59	63.73	71.95	77.82	106.41	7.53	88.67	100.98	112.48	101.76	6.69	86.14	95.1	108.24
2024-08-12	74.64	4.63	63.48	68.47	76.19	106.65	7.79	88.01	101.13	112.98	102.49	6.54	86.58	95.28	107.86
2024-08-19	79.71	7.83	63.36	64.76	87.34	106.66	7.69	88.28	101.13	112.85	102.84	7.06	86.04	95.93	109.36
2024-08-26	77.09	6.15	63.39	64.14	82.37	106.27	7.93	85.97	101.36	112.36	102.65	6.77	85.51	96.56	108.92
2024-09-02	75.58	5.26	63.42	64.88	77.56	107.51	7.18	90.78	101.41	113.57	102.99	5.97	89.08	97.2	108.65
2024-09-09	76.97	6.4	63.34	66.64	83	107.08	7.49	88.57	101.16	112.99	102.95	6.68	86.57	96.51	109.2
2024-09-16	73.82	4.48	63.38	64.81	74.96	108.01	7.51	88.12	103.17	113.78	103.72	6.73	87.62	96.84	109.83
2024-09-23	78.72	7.12	63.41	65.82	85.78	107.45	7.37	89.26	101.4	113.47	102.66	7.06	85.85	96.02	109.18
2024-09-30	77.04	6.06	63.42	65.11	83.13	107.24	6.93	90.44	102.57	113.26	103.28	6.59	87.28	96.91	109.04
2024-10-07	73.45	4.68	63.38	64.3	74.74	109.87	8.12	86.73	100.96	112.89	105.65	8.01	83.15	95.78	109.92
2024-10-14	83.05	9.78	63.51	66.44	90.66	110.06	7.7	90.34	104	116.25	102.65	6.81	85.62	95.77	108.78
2024-10-21	76.78	6.85	63.6	66.18	83.96	107.81	7.35	89.54	102.37	113.56	103.25	7.32	85.51	95.4	109.07
2024-10-28	77.93	6.75	63.66	68.19	84.27	107.26	7.47	89.02	102.04	113.3	102.64	7.71	84.32	94.43	109.24
2024-11-04	80.32	7.93	63.58	68.25	88.57	107.05	7.91	87.9	101.42	113.41	103.65	7.59	84.21	94.52	109.55
2024-11-11	80.58	7.75	63.78	73.31	87.32	109.56	7.68	90.83	102.63	116.65	101.38	6.94	84.48	94.4	107.64
2024-11-18	78.79	6.51	64.01	73.01	84.63	111.92	7.42	94.28	106.15	118.08	109.36	7.66	88.99	98.84	114.98
2024-11-25	74.3	5.14	63.63	66.75	79.14	107.23	6.76	91.33	103.22	113.13	104.28	7.28	85.86	96.02	109.92
2024-12-02	80.17	5.77	65.47	73.19	85.94	109.73	8.2	89.57	103.19	116.36	103.56	7.38	84.47	95.82	109.53
2024-12-09	77.49	5.54	63.73	74.37	81.39	111.44	8	91.27	104.14	117.79	104.64	7.44	86.4	96.78	110.87
2024-12-16	80.91	6.99	63.67	74.6	87.67	111.35	8.07	91.6	103.87	118.1	103.64	7.57	84.76	96.14	109.43
2024-12-23	80.89	7.19	63.89	74.32	87.04	107.31	8.27	86.01	102.37	113.08	101.8	7.57	83	93.99	108.22

Table 13a: Sooke weekly sound pressure levels (SPL) in decibels (dB). Mean (Avg) and standard deviation (Std), Q₅, Q₅₀ and Q₉₅ levels for broadband and SRKW echolocation and communication ranges are given.

Date	Avg 10-100000 Hz	Std 10-100000 Hz	Q5 10-100000 Hz	Q50 10-100000 Hz	Q95 10-100000 Hz	Avg 15000-100000 Hz	Std 15000-100000 Hz	Q5 15000-100000 Hz	Q50 15000-100000 Hz	Q95 15000-100000 Hz	Avg 500-15000 Hz	Std 500-15000 Hz	Q5 500-15000 Hz	Q50 500-15000 Hz	Q95 500-15000 Hz
2019-01-01	130.56	9.1	108.18	121.59	137.9	96.81	5.95	83.15	88.22	101.68	109.74	5.83	94.21	102.16	113.04
2019-01-08	130.38	7.88	109.48	120.98	136.66	92.72	4.67	83.09	88	96.12	108.92	6.12	93.86	103.9	114.39
2019-01-15	134.01	9.16	109.13	120.89	139.86	91.72	3.96	83.41	88.98	95.01	106.11	4.6	96.45	102.93	111.42
2019-01-22	137.07	9.97	109.56	122.39	143.75	91.27	4.25	83.12	86.42	96.41	107.15	5.48	94.68	102.2	112.71
2019-01-29	128.27	8.24	107.37	120.6	134.88	96.5	4.77	83.3	88.35	98.32	108.64	5.53	95.54	102.98	113.07
2019-02-05	129.23	8	108.6	120.26	135.97	90.85	3.68	83.42	88.96	94.27	106.65	5.29	94.94	103.03	111.89
2019-02-12	129.7	8.13	108.31	119.35	134.04	91.19	4.06	83.06	88.07	94.48	105.72	4.72	95.24	102.42	110.45
2019-02-19	132.98	8.16	111.62	122.78	139.64	91.94	4.26	83.29	87.9	95.21	107.92	5.33	95.8	104.28	113.08
2019-02-26	123.08	5.86	107.5	120.14	128.05	93.36	2.87	86.09	93.08	94.75	106.9	4.12	97.29	105.45	110.58
2019-03-05	124.47	6.56	108.95	120.49	131.1	96.52	3.94	83.42	85.72	93.04	108.37	6.03	94.06	103.74	114.25
2019-03-12	126.25	7.31	109.24	120.27	133.19	90.85	4.09	83.39	84.89	94.95	107.1	5.66	93.66	101.96	112.46
2019-03-19	128.52	8	108.86	121.57	135.45	91.29	3.55	83.48	87.32	92.94	108.12	5.56	94.89	103.5	113.39
2019-03-26	124.83	6.91	109.28	119.13	131.78	89.1	3.54	83.4	84.5	92.59	108.56	6.53	94.07	104	114.1
2019-04-02	122.98	6.17	108.21	119.1	129	90.02	3.88	83.41	85.76	94.6	108.32	5.92	95.14	103.54	114.04
2019-04-09	126.5	7.37	109.22	121	133.27	96.3	4.78	83.64	90.77	99.31	109.54	5.23	96.52	105.42	114.21
2019-04-16	127.23	7.17	110.88	121.03	134.1	93.03	4.7	83.46	87.73	97.65	110.05	5.65	95.95	104.1	114.17
2019-04-23	130.49	8.25	109.12	120.15	135.1	92.06	4.51	83.41	87.63	94.24	109.29	5.12	97.26	105.94	114.79
2019-04-30	125.62	6.93	108.39	120.6	131.53	94.25	4.11	83.4	86.6	93.15	109.47	5.25	97.33	105.41	114.77
2019-05-07	129.05	8.53	109.18	120.79	136.13	93.08	4.12	83.34	85.54	93.52	110.4	5.6	97.54	105.19	115.08
2019-05-14	126.2	7.16	109.12	120.78	132.67	95.34	5.1	83.37	88	98.25	110.38	5.85	95.61	105.96	115.69
2019-05-21															
2019-05-28	125.68	6.49	109.92	119.5	130.57	97.01	3.59	86.65	91.37	95.4	112.15	4.55	101.53	106.89	116.04
2019-06-04	127.54	7.62	109.33	119.37	135.39	92.92	4.06	83.32	88.2	94.51	109.99	4.69	99.82	106.08	115.01
2019-06-11	125.03	6.42	109.3	118.7	131.2	93.26	4.33	83.18	89.61	95.31	109.73	4.73	99.26	106.79	114.56
2019-06-18	126.97	7.42	109.94	119.17	134.25	95.34	3.53	83.77	90.99	94.08	110.91	4.49	100.97	106.59	115.34

2019-06-25	123.03	6.01	108.8	117.99	128.33	98.18	5.17	83.22	86.58	97.58	111.21	5.5	98.02	106.15	115.57
2019-07-02	134.33	10.79	107.16	119.94	143.06	94.15	4.07	83.46	88.78	95.97	109.35	4.76	98.01	105.76	113.52
2019-07-09	124.92	6.98	108.05	117.73	131.28	91.72	4.31	83.15	85.76	96	108.38	5.67	94.57	104.79	113.71
2019-07-16	128.79	8.68	106.04	119.31	136.53	94.16	4.38	83.26	87.45	96.92	109.8	5.41	98.14	106.04	115.24
2019-07-23	123.16	6.48	108.06	117.05	129.55	92.23	3.7	83.64	87.85	93.76	108.1	4.79	97.07	105.21	113.25
2019-07-30	137.47	11.75	107.32	119.42	146.65	93.25	4.64	83.28	87.21	97.65	110.05	6.03	95.59	106.58	115.53
2019-08-06	123.91	5.9	110.07	117.25	129.52	96.14	3.23	84.79	89.58	92.68	110.14	3.89	101.53	105.46	113.22
2019-08-13	122.71	5.66	110.86	117.26	129.74	97.4	4.61	84.05	88.81	98.18	110.24	4.66	99.91	106.09	114.97
2019-08-20	123.26	6.29	108.8	118.1	129.86	94.92	4.52	83.59	86.87	96.85	109.56	5.69	96.29	106.21	114.73
2019-08-27	130.62	9.43	108.72	120.88	138.12	95.27	4.9	83.41	85.89	97.14	110.14	7.01	90.54	106.16	115.61
2019-09-03	125.77	6.64	111.44	120.97	132.19	91.03	3.7	83.58	87.89	94.04	109.51	5.3	96.81	106.45	114.37
2019-09-10	125.33	6.96	109.84	118.6	132.37	95.39	6.03	83.43	85.41	101.66	110.47	5.68	97.5	106.24	116.2
2019-09-17	124.67	6.7	108.74	118.88	131.35	99.01	6.2	83.56	87.05	101.86	109.73	5.96	95.06	105.16	114.36
2019-09-24	128.45	8.63	107.13	121.05	135.52	95.17	4.68	83.5	87.39	97.73	108.15	5.8	93.87	104.41	113.8
2019-10-01	128.23	7.83	109.7	121.63	135.29	99.17	5.1	83.47	85.73	97.59	109.75	5.75	96.04	105.66	115.67
2019-10-08															
2019-10-15	124.01	8.33	103.79	118.27	130.72	94.76	5.76	83.57	86.83	99.53	110.38	6.82	93.99	103.11	116.67
2019-10-22	127.56	8.01	108.4	120.05	134.69	93.52	4.16	83.47	85.05	93.73	108.92	5.91	93.93	103.62	113.35
2019-10-29	128.41	8.38	108.96	120.08	135.96	90.9	3.7	83.49	86.78	93.46	108.97	5.93	94.73	104.83	114.03
2019-11-05															
2019-11-12															
2019-11-19															
2019-11-26	130.61	9.25	106.59	121.15	137.96	93.04	3.45	84.29	90.65	94.17	108.65	4.72	97.78	104.66	113.22
2019-12-03	121.69	6.27	106.79	116.74	127.91	97.24	4.76	83.07	85.07	96.91	109.82	7.04	90.75	101.97	114.09
2019-12-10	130.04	10.22	104.02	120.75	137.83	93.13	4.85	83.27	85.47	98.05	107.24	5.96	93.18	101.76	112.54
2019-12-17	126.55	7.99	107.05	118.61	133.79	95.24	6.5	83.28	86.54	102.44	107.04	5.47	95	102.32	112.49
2019-12-24	130.77	9.57	107.81	120.5	138.06	89.33	3.2	83.35	86.78	92.66	107.12	5.45	94.9	101.59	112.56
2020-01-01	121.07	7.05	104.62	115.73	127.36	95.15	5.27	83.49	92.33	101.09	106.35	5.39	93.46	103.71	111.16
2020-01-08	131.93	9.51	108.98	123	139.14	92.54	3.87	83.43	91.95	96.65	108.54	5.09	96.36	105.43	113.19
2020-01-15	126.33	8.08	105.16	118.23	131.24	90.42	3.81	83.33	88.13	93.8	106.35	6.23	90.85	102.78	111.97

2020-01-22	128.38	8.55	106.77	119.83	135.7	95.07	5.56	83.29	88.65	100.88	109.56	5.88	94.25	103.47	113.96
2020-01-29	121.83	6.77	106.76	116.11	128.12	94.76	6.01	83.27	88.23	101.91	106.63	5.27	94.14	103.67	111.76
2020-02-05	131.73	9.53	107.32	119.38	139.17	93.15	4.93	83.34	88.29	98.36	107.03	5.03	95.67	103.06	111.52
2020-02-12															
2020-02-19															
2020-02-26															
2020-03-04															
2020-03-11															
2020-03-18															
2020-03-25															
2020-04-01															
2020-04-08															
2020-04-15															
2020-04-22															
2020-04-29															
2020-05-06															
2020-05-13	118.88	6.69	102.8	113.93	124.29	98.17	5.04	83.35	86.41	95.05	107.46	5.98	92.77	102.39	112.7
2020-05-20	124.19	6.97	107.52	116.94	131.39	93.88	3.98	83.81	90.85	97.23	107.52	4.45	97.61	104.24	112.78
2020-05-27	123.83	7.07	107.04	117.35	130.71	100.08	4.11	83.36	89.38	93.81	109.25	4.99	97.55	104.84	113.99
2020-06-03	126.06	7.33	108.8	118.46	133.21	93.21	4.32	83.45	88.86	97.13	108.85	5	97.73	104.4	114.33
2020-06-10	121.49	6.43	106.31	116.47	127.91	91.5	3.87	83.31	86.13	94.57	107.85	5.73	93.67	102.73	112.75
2020-06-17	124.06	7.54	105.87	118.21	130.74	90.56	3.67	83.61	88.04	93.12	107.31	5.08	95.48	104.04	112.08
2020-06-24	123.34	7.14	107.2	117.23	130.18	91.11	3.53	83.87	89.63	93.75	107.07	4.73	96.31	104.4	111.99
2020-07-01	126.93	7.13	110.32	122.23	133.1	91.71	3.91	83.81	88.64	94.75	111.3	6.34	96.63	107.19	116.37
2020-07-08	124.28	7.74	105.2	117.96	131.36	95.8	4.28	84.21	87.89	96.82	109.04	5.66	95.15	104.21	114.31
2020-07-15	125.12	8.55	104.33	117.22	132.28	102.47	3.53	84.55	89.21	93.35	107.18	5.12	94.14	103.59	111.34
2020-07-22	126.71	7.65	109.05	118.86	133.89	95.74	3.63	84.73	90.77	94.11	107.78	5.29	95	104.24	112.25
2020-07-29	125.95	8.16	106.57	117.9	133.24	95.43	3.17	85.69	89.67	94.42	107.09	5.01	95.13	104.11	112.08
2020-08-05	123.43	6.7	108.28	116.75	130.19	93.8	3.45	85.21	89.71	95.21	108.06	5.3	95.49	103.77	112.56
2020-08-12	124.69	7.09	108.22	117.33	132.07	90.99	3	84.95	88.97	93.55	106.52	5.41	92.84	103.49	111.34

2020-08-19	127.56	7.8	108.67	118.96	134.97	94.19	4.53	84.63	87.86	99.27	107.93	5.96	93.54	104.17	113.39
2020-08-26	126.51	8.08	107.2	118.6	133.99	95.32	3.75	84.48	88.19	94.23	108.2	6.07	93.2	103.81	113.64
2020-09-02	124.74	6.95	107.8	117.98	131.85	98	4.5	84.01	88.28	96.13	107.91	5.83	92.14	103.7	111.47
2020-09-09	128.76	8.69	106.67	117.41	135.89	96.78	5.63	82.53	86.83	99.57	109.14	7.16	88.08	101.84	112.31
2020-09-16	135.3	9.8	110.83	125.12	143.11	96.09	5.35	82.59	86.07	98.64	108.48	6.79	91.58	103.07	114.31
2020-09-23	129.16	8.8	107.64	121.07	136.48	101.76	7.46	82.45	87.74	104.29	107.41	6.58	91.75	103.31	112.79
2020-09-30	127.69	7.23	110.16	120.85	134.79	100.78	6.73	82.44	86.8	102.56	108.58	6.79	91.94	104.35	114.1
2020-10-07	128.77	8.31	109.06	119.91	136.32	97.05	6.19	82.36	90.22	101.36	107.17	5.95	92.72	103.62	112.33
2020-10-14	137.26	9.84	112.03	126.43	144.09	93.34	4.61	82.67	89.84	96.84	107.91	5.43	95.52	104.08	113.36
2020-10-21	131.48	9.23	106.33	118.93	139.58	93.42	4.3	82.77	86.86	94.1	107.8	6.42	90.62	102.18	112.66
2020-10-28	121.99	6.78	107.41	117.72	128.28	94.19	4.75	83.41	85.22	97.67	107.18	7.12	88.98	100.73	112.06
2020-11-04	121.72	6.29	107.51	117.24	127.72	92.89	4.53	83.42	86.12	96.75	106.48	5.57	92.92	101.3	111.79
2020-11-11	125.83	7.33	108.88	119.19	133.15	93.77	4.85	83.75	90.1	99.39	107.34	4.87	96.8	104.51	112.63
2020-11-18	124.37	7.23	106.67	118.2	130.92	92.25	4.77	83.54	87.1	98.16	108.07	6.13	94.4	102.2	113.88
2020-11-25	123.19	7.21	105.43	117.54	130.09	95.3	4.96	83.51	86.8	97.56	108.21	5.73	93.7	101.62	112.15
2020-12-02	124.73	8.33	104.22	117.53	131.71	93.4	4.11	83.5	86.34	95.59	108.97	6.7	91.18	100.76	114.07
2020-12-09	126.44	8.02	106.58	118.99	133.74	94	4.85	83.62	88.85	98.28	109.66	6.55	93.49	102.98	115.74
2020-12-16	126.02	7.92	106.72	118.89	133.06	94.26	4.67	84.05	91.52	100.07	106.69	4.69	96.41	103.79	112.33
2020-12-23	122.26	7.24	104.12	117.71	128.58	90.34	3.38	83.82	88.13	94.2	106.65	5.55	94.27	101.61	112.69
2021-01-01	124.02	7.93	104.76	116.95	131.02	94.8	5.12	83.63	89.15	99.65	107.73	5.71	93.88	101.76	113.34
2021-01-08	122.26	5.41	110.01	118.72	127.76	92.08	2.93	85.54	91.49	95.39	107.67	5.01	97.06	103.24	113.55
2021-01-15															
2021-01-22															
2021-01-29															
2021-02-05															
2021-02-12															
2021-02-19															
2021-02-26	124.08	8.49	96.53	118.89	128.24	89.53	3.67	83.35	84.37	92.79	110.02	6.56	92.96	102.14	115.7
2021-03-05	122.65	7.49	104.4	118.58	128.62	90.53	4.02	83.41	86.73	94.67	107.49	6.1	93.59	102.51	113.51
2021-03-12	122.33	6.48	106.78	118.19	128.55	89.91	3.94	83.37	84.91	94.14	108.16	5.97	94.86	103.44	114.22

2021-03-19	122.23	6.34	107.36	118.26	128.14	94.59	4.86	83.44	90.29	97.19	109.23	5.35	94.99	104.27	113.15
2021-03-26	126.29	6.92	109.66	120.32	133.01	90.46	3.81	83.43	88.45	94.12	108.64	5.32	96.93	104.87	114.23
2021-04-02	126.51	7.23	108.47	119.3	132.49	95.18	4.14	83.39	90.01	94.29	107.85	4.5	97.88	105.37	113.38
2021-04-09	121.88	6.34	107.33	117.44	127.9	98.84	4.14	83.34	87.5	94.11	107.65	5.32	96.27	104.07	113.44
2021-04-16	122.38	6.64	106.99	117.7	128.7	90.71	3.23	83.29	85.19	91.81	108.64	5.57	95.86	103.76	114.38
2021-04-23	129.47	8.26	107.31	119.49	136.6	92.55	4.38	83.54	87.92	97.63	108.81	5.63	96.32	104.04	115.48
2021-04-30	131.69	8.94	108.81	119.91	139.56	92.65	4.27	83.38	87.99	95.5	109.62	5.01	98.19	104.87	114.98
2021-05-07	123.94	7.72	104.29	118.32	130.41	91.04	3.66	83.48	88.42	94.02	109.12	5.83	95.8	104.18	114.65
2021-05-14	126.97	8.11	107.28	119.04	134.47	93.29	3.76	83.72	89.37	94.28	108.91	5.09	97.47	104.29	114.23
2021-05-21	132.27	9.06	106.88	119.85	139.71	91.82	3.83	83.42	90.47	94.79	108.76	4.8	98.69	104.66	114.7
2021-05-28	133.32	10.24	108.19	121.54	140.93	97.02	4.47	83.29	87.53	94.35	109.81	5.79	94.95	104.58	114.85
2021-06-04	127.45	8.24	106.52	119.32	135.28	90.97	3.93	83.96	88.18	94.63	107.96	4.92	97.16	104.36	113.6
2021-06-11	134.3	10.22	108.07	121.46	139.5	95.61	4.27	83.81	85.11	96.08	108.83	5.73	95.46	103.9	114.16
2021-06-18	131.04	8.87	108.9	122.06	138.69	91.7	3.44	84.14	89.8	93.69	107.97	4.47	98.22	104.7	112.65
2021-06-25	136.22	11.4	108.44	124.46	143.41	92.57	4.09	83.83	87.72	94.73	108.84	5.19	96.88	105	113.99
2021-07-02	133.32	9.98	109.46	122	141.23	92.72	3.49	84.68	89.77	93.85	107.46	4.03	99.23	104.12	112.29
2021-07-09	138	11.42	110.53	124.45	145.34	94.11	2.68	87.57	91.82	94.52	109.58	4.02	100.82	105.74	113.75
2021-07-16	134.64	10	111.16	124.66	142.12	93.52	3.37	85.29	90.32	94.32	107.98	4.43	99.14	105.43	112.68
2021-07-23	138.43	11.51	111.4	124.66	145.39	94.06	3.42	85.28	90.06	94.68	109.3	4.92	97.83	105.08	114.34
2021-07-30	132.08	8.83	111.01	121.94	140.31	93.75	2.85	85.8	90.34	93.63	107.16	3.89	99.11	104.13	111.4
2021-08-06	136.98	10.55	111.92	125.11	144.49	94.4	4.28	84.01	88.23	95.23	107.94	5.77	92.7	104.69	112.65
2021-08-13	134.25	9.61	110.64	125.52	141.7	91.6	3.48	84.3	89.12	93.89	106.39	4.36	96.62	104.13	111.21
2021-08-20	138.16	11.19	111	124.72	145.97	98.9	3.86	83.91	87.05	93.57	107.6	5.25	95.03	103.97	111.96
2021-08-27	131.29	8.62	110.35	121.51	138.97	93.88	3.64	84.65	88.21	94.08	107.81	5.21	95.2	103.34	112.34
2021-09-03	136.41	10.76	109.86	124.09	144.3	97.07	4.48	83.8	86.01	96.39	108.26	6.34	91.37	102.84	112.06
2021-09-10	135.92	10.26	110.18	126.37	143.74	96.12	4.85	83.97	88.58	99.33	110.05	5.52	95.31	104.31	113.3
2021-09-17	135.94	9.6	111.85	125.82	144.26	96.32	5.95	83.91	87.85	102.52	108.14	5.78	94.77	103.84	113.32
2021-09-24	132.01	9.03	110.22	123.2	139.23	97.71	5.91	83.88	88.38	101.78	107.54	5.24	95.54	104.13	112.41
2021-10-01	134.99	9.15	112.18	126.66	142.52	100.92	6.94	83.88	87.53	104.49	108.91	6.31	93.98	104.51	113.98
2021-10-08	135.87	10.16	110.57	125.03	143.92	101.79	6.46	82.95	88.86	101.94	109.56	6.13	94.53	104.58	114.17

2021-10-15	124.95	7.75	107.06	118.41	131.51	100.86	6.46	82.36	86.62	101.7	107.32	5.78	94.03	102.59	112.99
2021-10-22	123.56	6.22	109.32	118.48	129.64	95.13	5.4	82.89	90.23	100.01	107.91	4.7	98.09	104.58	113.54
2021-10-29	124.28	6.6	107.79	119.01	129.04	93.86	4.71	82.85	90.28	98.61	106.88	5.81	92.42	102.29	111.76
2021-11-05	129.38	7.94	110.35	121.66	136.74	94.35	4.22	83.52	90.45	97.71	107.62	4.63	97.19	103.61	112.24
2021-11-12	123.03	6.37	108.18	118.5	129.19	97.36	5.63	83.34	91.16	103.7	109.58	5.43	95.57	104.04	112.84
2021-11-19	127.48	8.76	106.43	120.14	134.38	92.7	4.74	82.79	86.68	96.47	106.55	5.58	93.44	101.36	111.64
2021-11-26	124.62	8.46	105.32	117.87	131.29	96.75	6.68	82.51	90.77	102.98	105.75	5.77	91.27	102.03	110.63
2021-12-03	132.22	10.42	106.11	122.65	139.14	96.25	4.6	83.18	90.26	97.1	109.48	5.51	95.01	103.56	113.63
2021-12-10	124.75	7.26	108.05	118.45	131.67	94.28	4.99	83.1	90.67	100.08	107.29	4.65	96.66	103.87	112.23
2021-12-17	128.87	8.01	110.23	120.94	136.11	94.09	4.21	84.07	90.57	98.6	108.2	4.87	98.48	104.12	113.93
2021-12-24	124.94	7.71	105.98	118.42	131.87	92.03	3.52	83.86	91.02	94.75	105.52	4.25	96.24	103.09	110.47
2022-01-01	131.58	10.63	105.98	121.37	138.77	96.09	5.24	84.38	90.06	101.24	108.38	5.14	95.35	102.24	112.64
2022-01-08	122.62	5.97	109.43	118.1	128.86	95.74	6.33	82.52	87.79	103.12	109.13	5.7	95.61	104.77	114.64
2022-01-15	129.12	9.6	105.4	122.67	135.73	93.98	5.77	82.5	85.13	100.36	108.63	6.46	92.22	102.96	113.64
2022-01-22	126.14	8.61	105.4	119.36	132.98	91.03	3.36	82.84	88.79	93.07	107.23	5.12	95.63	102.55	112.77
2022-01-29	131.46	9.33	109.61	122.23	138.56	92.28	5.08	82.55	86.88	97.15	107.83	5.34	95.69	104.07	113.03
2022-02-05	123.99	6.67	108.85	117.8	131.13	92.28	4.45	82.38	85.75	94.04	109.29	5.02	96.87	103.6	113
2022-02-12	127.51	7.78	109.41	120.04	134.99	94.35	3.94	82.48	86.89	92.72	110.14	5.26	95.81	103.33	112.7
2022-02-19	123.3	6.54	107.91	118.86	129.38	95.11	4.64	82.66	89.65	95.59	110.77	5.08	97.68	104.9	114.24
2022-02-26	128.28	9.03	106.8	120.48	135.22	94.34	5.94	82.34	89.34	100.76	107.86	5.58	93.45	104.09	112.45
2022-03-05	121.27	6.26	105.34	116.8	125.87	90.72	3.89	83.34	86.1	93.91	109.57	6.37	93.63	103.17	113.36
2022-03-12	120.98	5.64	108.59	117.65	126.96	93.94	5.7	83.39	86.48	101.65	106.98	5.45	94.65	103.15	112.47
2022-03-19	122.13	6.05	108.4	118.41	128.11	91.66	4.58	83.36	88.19	95.82	108.32	5.92	94.49	104.11	114.02
2022-03-26	123.69	6.7	107.53	118.05	130.38	92.8	4.29	83.42	87.62	95.22	109.72	5.44	97.43	104.81	115.08
2022-04-02	121.84	5.41	110.12	117.97	127.78	93.24	4.94	83.48	90.74	98.58	108.57	5.14	96.32	105.57	113.59
2022-04-09	121.98	6.47	107.07	117.06	128.24	94.14	4.41	83.71	90.16	97.07	109.64	5.34	97.57	105.19	114.78
2022-04-16	126.57	7.55	108.76	118.95	133.48	91.43	4.28	83.36	87.79	94.89	108.36	5.53	95.86	104.74	113.67
2022-04-23	121.33	6.1	107.54	116.69	127.55	92.7	4.02	83.37	85.42	93.86	108.96	5.47	95.76	103.2	114.01
2022-04-30	123.35	6.59	107.53	118.56	129.75	92.75	4.57	83.36	87.88	96.85	108.22	5.26	95.82	104.16	113.42
2022-05-07	121.78	5.75	108.73	118.34	127.36	91.11	3.49	83.69	89.71	93.77	108.9	4.76	98.67	105.47	114.61

2022-05-14	128.15	7.67	109.61	120.6	135.83	95.67	4.6	83.47	90.16	97.53	109.8	5.74	96.09	105.87	115.69
2022-05-21	125.22	7.29	107.52	119.62	131.44	92.83	4.65	83.46	88.46	98.14	109.24	5.44	97.24	105.21	114.94
2022-05-28	125.35	7.15	108.49	120.34	131.57	93.76	4.57	83.32	86.96	96.32	109.16	5.97	95.32	104.51	114.27
2022-06-04	123.87	6.64	108.76	118.54	130.14	95.44	5.61	83.36	85.97	101.53	109.8	5.32	96.73	105.17	114.55
2022-06-11	129.99	8.16	110.59	122.33	137.07	94.99	4.24	83.62	90.17	96.52	109.97	4.6	99.5	105.93	114.4
2022-06-18	126.32	7.04	109.43	119.43	133.7	93.36	3.73	84.07	89.79	94	109.2	4.53	98.86	105.78	114.21
2022-06-25	124.68	7.47	106.83	118.58	131.55	91.5	3.98	83.32	86.07	93.64	108.34	5.6	94.76	104.18	113.31
2022-07-02	123.63	6.75	107.05	118.36	129.41	100.04	5.44	82.79	88.46	98.79	112.57	5.96	96.48	106.58	116.02
2022-07-09	133.82	8.84	110.32	121.2	141.28	96.27	4.44	83.35	89.49	96.22	110.38	4.87	99.7	106.96	115.37
2022-07-16	133.5	9.4	109.22	120.62	140.71	92.81	4.19	83.08	88.35	95.17	109.13	5.26	97.38	105.64	114.55
2022-07-23	131.44	9.25	109.88	120.39	139.39	92.41	4.21	82.66	88.24	94.38	109.37	6.05	95.21	105.25	115.18
2022-07-30	131.64	8.95	109.15	119.77	138.98	93.52	4.01	83.42	89.17	94.51	110.29	5.64	97.51	105.23	115.21
2022-08-06	132.88	8.71	111.88	121.4	140.21	92.06	4.16	82.74	85.81	93.96	109.08	6.11	95.11	104.96	114.56
2022-08-13	132.46	9.04	109.87	120.4	140.46	95.02	4.6	82.84	86.35	95.56	109.89	6.76	93.15	105.18	115.6
2022-08-20	128.96	7.9	110.72	120.06	136.74	92.17	3.65	83.8	88.39	93.9	107.6	5.05	96.26	104.34	113.01
2022-08-27	131.35	8.62	110.84	120.58	139.36	96.4	4.42	82.8	87.44	94.75	108.7	6.12	93.78	104.53	114.25
2022-09-03	132.76	9.23	110.73	121.25	140.72	92.65	4.27	82.75	87.24	94.33	109.45	6.25	93.58	104.97	114.93
2022-09-10	131.16	7.74	111.74	121.14	138	97.18	4.65	82.98	88.29	96.09	111.69	5.92	96.85	105.69	115.76
2022-09-17	130.47	8.54	109.58	119.67	138.87	96.25	4.94	82.57	87.44	96.81	110.63	6.02	96.66	105.79	115.54
2022-09-24	130.67	8.48	109.66	121.29	138.78	96.07	4.99	82.67	86.08	96.38	109.6	6.22	94.71	104.81	114.51
2022-10-01	130.65	8.68	109.61	120	138.56	97.5	4.82	82.63	86.29	95.82	110.05	6.89	93.2	105.09	114.73
2022-10-08	129.65	7.55	112.26	120.91	137.74	101.64	6.16	82.62	85.63	98.6	109.26	6.23	93.85	105.38	114.64
2022-10-15	130.31	9.1	108.88	118.95	138.09	100.8	5.02	83.75	87.27	96.4	108.49	6.04	91.62	101.07	111.61
2022-10-22	133.42	9.76	109.33	121.8	141.32	96.92	5.16	83.91	90.24	100.32	107.03	5.15	94.13	102.76	111.49
2022-10-29	133.07	10.05	108.06	122.13	140.92	98.44	7.42	83.8	89.71	105.03	107.91	5.23	94.62	102.07	111.7
2022-11-05	133.14	9.52	110.19	122.54	141	93.72	4.31	84.07	90.84	97.39	106.58	5.13	94.63	102.61	111.42
2022-11-12	130.8	9.14	109.08	121.33	137.93	91.67	3.28	84.21	89.93	94.05	105.76	4.91	94.98	101.36	111.05
2022-11-19	134.58	10.06	108.82	123.68	142.4	92.69	4.34	84.11	87.94	97.05	105.5	5.83	91.98	100.62	111.21
2022-11-26	136.21	10.79	110.1	123.48	144.09	93.24	3.66	84.84	91.42	96.01	105.85	4.76	94.78	102.67	111.09
2022-12-03	134.41	9.91	111.1	123.76	142.52	95.27	4.07	84.1	89.38	95.85	108.01	5.66	93.47	101.67	111.98

2022-12-10	132.72	9.97	108.55	121.07	140.72	92.49	3.96	83.79	86.59	94.26	107.52	5.98	92.82	101.86	112.43
2022-12-17	133.95	9.71	110.11	121.6	141.59	97.38	4.17	85.1	93.57	97.19	109.69	5.02	94.76	104.16	111.79
2022-12-24	137.05	11.7	108.39	125.04	144.8	94.98	4.6	84.66	92.08	100.57	105.34	4.97	93.55	101.86	109.68
2023-01-01	133.05	10.36	106.79	122.28	141.24	91.19	3.66	83.94	89.86	94.5	105.79	5.4	93.31	101.86	110.79
2023-01-08	133.29	10.38	106.72	120.62	141.29	93.21	4.54	83.95	90.18	98.24	106.99	5.82	93.98	101.68	113.27
2023-01-15	133.7	10.47	107.97	122.17	141.85	93.38	4.44	83.81	87.91	96.25	107.66	6.23	92.84	102.39	113.88
2023-01-22	136.2	10.44	110.5	125.22	143.88	92.62	4.21	83.87	87.98	95.86	106.33	5.35	94.39	101.95	111.66
2023-01-29	133.04	9.32	109.91	124.04	140.82	91.67	3.75	84.06	88.61	94.87	105.76	5.54	92.99	102.18	111.21
2023-02-05	131.95	9.18	109.4	123.26	139.05	93.12	4.77	83.81	89.29	98.86	105.75	5.27	93.32	102.23	110.96
2023-02-12	132.99	9.71	108.72	123.62	140.79	92.51	4.6	83.7	86.08	95.59	106.9	5.64	93.53	102.61	111.78
2023-02-19	135.32	10.02	110.29	124.99	143.14	93.46	3.6	84.31	93.6	95.53	107.93	4.33	97.19	105.77	112.25
2023-02-26	130.13	8.75	108.99	122.73	137.09	93.2	4.07	83.73	90.74	95.27	107.71	4.1	98.37	104.38	111.6
2023-03-05	129.24	7.98	109.38	121.76	136.71	94.37	4.57	83.69	87.61	95.04	108.29	5.91	93.83	103.62	112.59
2023-03-12	132.88	9.35	109.84	122.42	140.09	95.02	4.31	83.05	88.04	95.54	109.59	5.7	94.28	103.89	113.83
2023-03-19	134.91	9.76	110.13	122.89	143.37	95.8	5.08	82.98	88.15	96.17	108.33	5.56	94.1	105.03	114.03
2023-03-26	130.09	8.76	108.35	119.41	137.05	93	4.73	82.88	89.3	95.05	108.24	5.81	95.01	104.15	113.42
2023-04-02	127.45	7.68	108.22	120.27	134.38	93.34	4.76	82.87	87.52	95.25	108.51	6.02	93.61	104.06	113.88
2023-04-09	134.01	10.37	108.66	122.72	141.57	96.85	5.3	82.89	86.82	97.08	110.38	6.38	92.61	104.93	114.4
2023-04-16	133.07	9.74	107.7	122.09	140.56	92.42	4.44	82.95	87.19	95.1	109.35	6.1	93.96	104.23	113.71
2023-04-23	133.76	9.62	110.35	122.64	141.02	94.05	4.71	82.98	88.82	95.78	109.25	5.35	97.22	105	114.49
2023-04-30	128.5	8.35	107.51	120.33	134.92	94.49	4.83	83.01	89.6	97.48	109.89	5.25	97.98	105.07	115.45
2023-05-07	137.44	11.68	108.79	124.27	145.28	93.79	4.1	82.9	87.64	93.74	110.54	5.63	97.48	105.64	116.36
2023-05-14	133.97	9.65	109.75	121.35	141.57	99.23	4.95	82.91	89.32	95.12	111.71	5.05	99.23	106.44	115.58
2023-05-21	136.1	10.94	109.11	122.54	144.02	93.75	4.9	82.85	88.57	95	110.68	5.6	97.4	106.59	116.1
2023-05-28	130.08	8.66	108.65	119.45	137.42	94.56	2.74	87.29	92.63	94.66	109.88	3.79	102.14	106.27	113.81
2023-06-04	137.7	11.44	110.71	124.25	145.25	95.72	4.77	82.99	91.07	95.98	112.48	4.81	99.17	106.79	114.99
2023-06-11	132.7	9.64	109.36	121.54	140.22	93.55	4.53	82.96	89.45	94.73	109.36	4.98	98.93	105.78	114.63
2023-06-18	135.65	10.96	108.55	122.46	143.38	93.13	4.27	83.08	89.53	94.85	110.86	5.3	97.49	105.97	115.13
2023-06-25	130.16	8.3	110.24	120.33	136.94	95.47	3.19	85.89	92.64	94.96	109.91	3.88	101.71	106.5	114.2
2023-07-02	139.05	13	107	123.54	146.53	102.58	5.05	83.64	88.32	95.62	112.66	5.72	96.15	105.45	114.34

2023-07-09	130.74	8.68	110.28	119.51	138.3	92.86	2.84	85.04	90.29	93.38	106.69	3.69	99.59	104.43	111.5
2023-07-16	135.27	11.02	109.63	120.95	142.9	92.53	3.68	84.19	89.71	94.39	107.68	4.48	98.2	105.1	112.42
2023-07-23	128.71	8.48	108.53	118.17	136.72	92.67	4.03	83.89	88.45	95.87	106.67	4.25	97.46	103.86	111.54
2023-07-30	141.3	12.94	110.2	123.62	149.03	92.33	3.18	84.71	88.83	93.85	107.76	4.71	97.17	104.67	112.28
2023-08-06	133.43	9.88	109.13	120.73	141.38	92.83	3.47	84.57	88.51	94.04	107.66	4.9	96.45	104.65	112.72
2023-08-13	136.68	11.6	108.97	120.1	144.5	90.66	3.68	83.48	84.94	93.32	107.49	5.73	93.12	104.91	112.23
2023-08-20	130	9.18	107.73	118.2	138.2	91.47	3.76	83.55	86.52	93.1	106.34	5.4	93.04	103.64	110.72
2023-08-27	137.93	12.07	108.38	122.88	145.74	91.75	3.77	83.61	87.81	94.15	106.81	5.25	94.56	103.45	111.54
2023-09-03	132.48	9.33	108.78	120.54	140.14	92.47	3.72	83.93	86.78	94.64	107.65	5.5	94.47	103.41	112.77
2023-09-10	132.26	9.53	108.97	119.29	140.29	95.08	4.08	83.56	85.79	93.98	108.01	6.08	93	102.83	112.24
2023-09-17	131	9.25	108.25	119.88	138.82	94.65	4.05	83.62	86.98	94.21	107.93	5.11	95.33	103.27	111.7
2023-09-24	133.76	9.81	110.2	120.82	142.05	92.04	4.58	83.52	86.66	97.24	107.72	5.58	95.07	103.86	113.66
2023-10-01	135.32	10.31	109.64	122	143.35	97.58	4.82	83.58	86.58	97.46	109.18	6.05	93.55	103.96	113.14
2023-10-08	129.48	9.07	107.48	118.07	137.47	92.79	4.39	83.59	87.43	96.48	106.12	6.32	90.28	101.8	111.54
2023-10-15	129.48	8.65	108.81	121.16	136.24	95	4.95	83.71	86.06	98.35	107.8	6.41	90.49	99.94	110.96
2023-10-22	125.69	7.63	107.81	118.88	132.9	93.67	5	83.79	87.5	99.22	106.05	5.75	91.46	101.6	110.3
2023-10-29	129.7	8.96	107.24	120.76	136.98	94.68	5.07	83.85	88.42	100.58	106.62	5.96	92.36	101.78	112.05
2023-11-05	120.19	6.29	106.41	114.81	126.78	91.88	4.39	83.8	87.47	96.38	104.17	5.63	91.24	99.98	109.75
2023-11-12	128.95	8.44	108.74	121.65	136.11	92.12	3.87	83.94	88.21	95.77	106.45	5.41	93.73	101.78	111.98
2023-11-19	125.11	7.53	107.07	118.67	132.13	92.91	4.69	83.79	87.07	95.79	105.38	5.96	91.01	100.56	110.4
2023-11-26	130	8.64	109.15	121.61	137.04	92.29	4.14	84.11	88.89	97.4	106.24	5.45	94.11	101.99	112.33
2023-12-03	122.99	6.86	106.29	117.66	129.28	94.37	5.49	83.68	88.75	100.55	106.42	6.12	92.03	101.7	112.43
2023-12-10	130.81	8.77	109.81	122.85	138.23	91.6	4.12	83.87	87.91	97.03	106.52	5.63	93.42	101.62	112.26
2023-12-17	127.55	7.66	108.71	119.49	135.2	93.4	4.41	83.69	87.94	95.7	107.49	5.93	93.13	101.88	112.53
2023-12-24	129.53	9.4	106.97	119.66	136.64	91.59	3.67	84.01	90.24	94.94	104.47	4.86	93.24	101.69	109.96
2024-01-01	123.02	6.93	106.38	116.39	128.77	91.73	4.18	83.78	88.73	95.89	105.15	5.35	92.64	101.85	110.47
2024-01-08	131.98	8.81	110.36	122.5	139.5	95.31	4.04	84.62	93.47	97.7	109.14	4.92	97.43	106.37	113.64
2024-01-15	126.51	7.59	108.02	118.71	134.2	95.62	3.86	86.95	91.5	99.33	108.36	4.63	98.11	102.95	113.37
2024-01-22	128.92	8.3	109.87	120.11	136.24	95.71	6.15	83.64	87.18	103.7	106.92	5.55	94.5	102.36	112.54
2024-01-29	122.87	6.7	107.41	117.18	129.29	90.54	3.81	83.58	85.18	93.45	107.4	6.25	92.8	102.62	113.38

2024-02-05	131.79	8.63	110.84	122.21	139.37	93.17	4.32	83.67	88.17	97.46	108.6	5.48	95.67	102.9	113.2
2024-02-12	127.91	7.94	108.32	120.49	134.82	92.1	3.7	84.03	91.78	94.75	107.36	5.13	94.29	104.7	112.14
2024-02-19	127.51	7.67	110.1	119.89	134.81	93.87	4.37	83.65	87.54	96.14	108.22	5.44	94.71	103.55	113.01
2024-02-26	122.31	5.96	107.85	116.72	127.28	98.86	4.78	83.53	89.68	97.7	110.09	5.1	95.82	104.79	112.66
2024-03-04	132.19	9.3	109.01	119.66	140.24	90.61	3.88	83.47	86.49	94.21	109.14	5.77	95.24	103.62	113.73
2024-03-11	128.31	8.12	108.8	120.15	135.22	91.19	4.11	83.39	86.35	94.75	107.8	5.02	96.45	103.64	113.43
2024-03-18	127.05	7.75	108.77	119.31	134.28	91.57	4.65	83.33	85.17	97.59	107.8	5.59	95.17	103.65	113.73
2024-03-25	124.95	7.65	105.5	118.78	131.57	90.22	3.84	83.29	84.95	93.05	108.18	6.12	92.81	103	113.4
2024-04-01	131.63	8.72	110.77	121.63	139.19	90.36	3.46	83.4	87.62	93.56	108.5	4.77	98.18	104.64	114.12
2024-04-08	134.89	10.26	109.19	122.78	142.98	92.78	4.75	83.34	87.22	98.19	109.58	5.56	96.37	105.02	115.18
2024-04-15	128.73	8.53	108.11	119.56	135.89	93.32	4.12	83.32	89.12	93.88	110.17	5.1	97.9	106.46	114.96
2024-04-22	134.45	10.23	108.86	120.68	142.7	93.69	4.33	83.35	88.77	96.69	109.76	5.01	97.6	104.74	114.44
2024-04-29	134.76	10.53	109.43	120.83	142.69	95.34	3.98	83.33	87.89	93.2	110.77	4.88	98.36	105.41	114.87
2024-05-06	136.76	10.62	110.23	124.15	144.61	93	4.22	83.36	89.37	95.13	110.45	4.8	100.23	106.04	116.24
2024-05-13	130.7	8.84	108.1	120.65	138.6	95.08	3	85.31	91.69	93.83	110.88	3.91	101.72	106.69	114.18
2024-05-20	138.06	11.6	108.75	121.94	146.39	97.7	4.42	84.3	90.53	99.69	110.47	4.37	99.77	105.86	113.98
2024-05-27	137.02	11.09	108.76	122.22	145.12	91.76	4.41	83.25	86.88	96.05	109.87	5.03	98.73	105.8	114.85
2024-06-03	136.02	10.5	110.2	123.67	143.95	94.61	4.73	83.34	88.79	97.13	112.62	5.61	99.52	106.67	117.61
2024-06-10	131.84	8.9	110.09	120.57	139.98	91.42	3.42	84.19	89.29	94.19	109.39	4.34	99.98	106.31	114.16
2024-06-17	138.93	11.32	110.06	122.46	146.53	95.09	3.97	83.51	87.9	93.26	110.41	5.17	97.8	105.45	114.44
2024-06-24	140.61	11.9	110.48	122.15	149.16	92.05	3.79	83.44	87.03	93.79	109.31	5.18	97.55	105.82	114.56
2024-07-01	136.62	11.92	106.15	121.91	144.7	92.99	4.11	83.37	87.27	93.83	111.76	5.93	96.51	105.87	114.41
2024-07-08	132.66	9.6	108.11	119.53	141.16	92.14	3.42	85.79	88.67	95.01	110.28	4.9	99.61	106.46	115.21
2024-07-15	132.67	9.33	110.31	120.28	140.76	95.66	3.42	86.24	90.69	94.83	109.18	4.2	100.13	106.13	113.85
2024-07-22	136.03	9.75	112.13	123.81	144.33	94.68	3.51	86.17	91.7	95.66	110.69	4.58	100.78	106.72	115.44
2024-07-29	134.97	10.08	109.51	123.81	143.06	97.93	4.47	85.61	88.38	98.25	110.94	5.78	96.77	107.07	115.74
2024-08-05	131.59	8.49	110.94	121.59	138.85	94.74	3.53	85.96	90.15	94.76	109.67	4.6	98.89	106.23	114.14
2024-08-12	133.09	9.4	110.63	122.19	140.7	93.47	3.53	85.83	89.85	95.62	108.99	4.84	98.8	105.92	113.81
2024-08-19	136.96	10.64	111.06	124.47	145.14	95.56	4.9	85.56	88.23	100.39	110.03	6.28	94.35	105.8	115.54
2024-08-26	135.32	10.7	109.29	125.16	142.77	94.88	4.53	85.53	87.55	98.74	110.43	5.98	96	106.73	115.84

2024-09-02	133.6	9.4	111.48	122.28	141.13	95.68	4.04	85.56	87.5	96.04	111.32	6.19	95.54	106.06	116.1
2024-09-09	135.89	11.02	109.44	121.11	143.76	98.25	4.16	85.59	88.77	97.83	110.64	5.2	97.45	104.98	113.28
2024-09-16	137.06	10.17	112.13	126.25	144.92	98.28	4.65	85.6	88.44	98.62	110.64	5.74	97.04	105.74	115.75
2024-09-23	133.94	9.91	109.07	122	141.48	96.32	5.23	85.57	89.57	102.24	109.7	5.31	96.7	105.23	114.7
2024-09-30	131.05	8.56	110.1	120.69	138.4	102.16	5.44	85.61	88.91	101.25	110.42	6.23	94.96	105.48	115.48
2024-10-07	131.93	9.33	110.17	120.67	139.18	96.19	4.94	82.95	86.8	98.56	111.31	6.22	94.14	104.86	114.67
2024-10-14	135.91	9.99	110.69	121.86	143.84	96.39	6.68	83.01	86.27	103.05	109.09	5.7	95.9	103.26	114.28
2024-10-21	132.7	9.8	108.49	120.12	139.91	94.88	5.11	82.97	86.3	97.94	109.77	6.55	93.77	102.42	115.2
2024-10-28	128.98	7.86	109.59	120.7	135.83	93.18	5	82.95	85.67	98.12	108.31	6.35	93.04	102.09	114.33
2024-11-04	133.7	10.67	107.57	122.37	141.44	93.36	5.42	82.95	85.87	99.95	107.68	6.01	93.79	102.39	113.43
2024-11-11	135.1	10.45	109.35	122.54	142.78	96.1	5.7	83.15	90.14	100.48	109.03	5.21	95.71	103.4	112.75
2024-11-18	133.88	9.41	111.22	123	141.54	92.88	4.56	83.18	89.29	97.22	113.71	6.26	97	105.76	116.35
2024-11-25	130.21	8.36	109.27	120.33	138	93.05	4.65	83	85.46	96.28	109.74	6.27	94.49	102.96	115.48
2024-12-02	134.88	10.01	110.66	123.16	142.5	94.71	5.01	83.49	88.35	100.5	109.07	5.46	96.67	103.3	114.74
2024-12-09	134.84	9.59	110.43	123.42	142.45	92.56	3.98	83.41	88.86	95.51	108.69	5.48	96.68	103.02	114.67
2024-12-16	135.05	10.92	109.33	122.02	142.27	92.77	4.81	83.04	89.67	98.06	109.99	6.37	94.42	103.47	116.25
2024-12-23	128.84	8.51	107.5	118.98	135.65	92.42	4.3	83.3	90.28	96.63	108.96	5.27	97.05	103.34	113.92

Table 13b: Sooke weekly sound pressure levels (SPL) in decibels (dB). Mean (Avg) and standard deviation (Std), Q₅, Q₅₀ and Q₉₅ levels for water turbulence, echosounders and wind are given.

Date	Avg 10-100 Hz	Std 10-100 Hz	Q5 10-100 Hz	Q50 10-100 Hz	Q95 10-100 Hz	Avg 49500-50500 Hz	Std 49500-50500 Hz	Q5 49500-50500 Hz	Q50 49500-50500 Hz	Q95 49500-50500 Hz	Avg 7500-8500 Hz	Std 7500-8500 Hz	Q5 7500-8500 Hz	Q50 7500-8500 Hz	Q95 7500-8500 Hz
2019-01-01	130.36	9.72	106.37	121	137.78	74.37	4.45	64.35	66.58	77.94	90.44	6.62	72.78	82.7	94.11
2019-01-08	130.22	8.24	108.02	120.25	136.56	69.53	3.16	64.31	66.29	72.29	89.57	6.98	71.34	84.28	94.58
2019-01-15	133.91	9.87	107.02	120.17	139.78	73.04	3.07	64.5	67.56	71.9	86.45	5.3	73.74	83.75	91.01
2019-01-22	137	10.31	108.3	121.96	143.68	80.23	3.62	64.35	65.79	74.64	87.23	5.96	72.94	81.52	92.97
2019-01-29	128.11	8.85	105.58	120	134.8	81.82	3.62	64.38	66.88	72.61	90.39	6.07	73.99	82.88	92.82
2019-02-05	129.11	8.62	106.25	119.6	135.91	69.25	2.54	64.44	67.53	71.64	87.75	6.12	72.74	83.82	92.04
2019-02-12	129.58	8.71	106.28	118.64	133.97	68.83	2.71	64.34	66.87	71.54	86.96	6.2	71.41	82.77	90.78

2019-02-19	132.89	8.49	110.6	122.2	139.58	74.33	3.08	64.37	66.72	71.95	88.14	6.35	72.93	84.11	92.83
2019-02-26	122.65	6.72	104.9	119.59	127.66	71.03	2.18	65.81	71.22	72.37	88.85	3.79	79.23	87.77	91.17
2019-03-05	124.06	6.99	106.88	119.73	130.95	95.35	5.28	65.11	65.88	71.97	86.84	6.74	70.25	82.01	92.81
2019-03-12	126.03	7.73	107.81	119.6	133.13	78.55	2.95	65.1	65.62	72.31	87.58	7.14	69.65	80.08	92.52
2019-03-19	128.34	8.58	107.03	121.02	135.39	69.49	2.42	65.13	66.98	71.46	87.9	6.38	71.02	83.42	92.09
2019-03-26	124.42	7.34	107.48	118.09	131.63	68.69	2.41	65.08	65.35	70.52	87.59	7.29	69.06	80.82	93.5
2019-04-02	122.47	6.61	106.56	118.1	128.71	69.36	2.63	65.07	65.9	71.56	87.23	6.79	70.28	81.34	92.99
2019-04-09	126.17	8.31	106.74	120.19	133.12	81.65	3.64	65.15	69.67	75.52	89.97	6	73.81	85.91	93.4
2019-04-16	126.94	7.74	108.82	120.23	133.9	79.59	3.23	65.09	66.81	72.88	89.85	6.62	71.36	83.15	93.22
2019-04-23	130.35	9.12	105.71	119.1	135.01	75.1	3.31	65.09	66.68	72.13	89.17	6.93	71.53	85.92	93.87
2019-04-30	125.31	7.7	106.4	119.59	131.41	89.92	3.67	65.08	66.14	71.54	88.57	6.34	72.65	84.64	93.37
2019-05-07	128.84	9.07	107.18	119.93	136.04	74.86	2.86	65.05	65.73	71.05	89.89	7.2	70.56	83.37	94.58
2019-05-14	125.78	7.78	107.38	119.71	132.5	78.85	3.79	65.07	66.8	73.18	90.76	7.3	70.43	84.68	95.24
2019-05-21															
2019-05-28	125.06	7.42	106.52	118.31	130.2	88.29	5.2	64.41	67.78	69.91	91.59	4.16	81.99	87.52	95.03
2019-06-04	127.29	8.32	106.86	118.18	135.29	74.15	3.06	63.06	65.41	69.5	89.84	5.52	76.11	84.64	93.98
2019-06-11	124.59	7.22	106.03	117.29	130.86	72.04	3.58	63.04	66.35	71.57	89.68	6.04	73.22	86.6	94.27
2019-06-18	126.6	8.14	106.99	117.86	134.13	74.78	2.73	63.19	67.47	69.4	91.22	4.64	78.4	87.04	94.47
2019-06-25	122.19	6.67	105.93	116.47	127.48	91.98	7	63.04	64.39	81.28	92.28	6.52	74.96	84.18	95.53
2019-07-02	134.28	11.73	103.64	118.68	143.05	84.83	3.73	63.1	65.88	70.79	89.65	5.37	74.78	85.04	93.65
2019-07-09	124.59	7.6	105.72	116.51	131.05	68.06	2.83	63.03	63.72	69.29	88.59	7	70.33	82.69	94.25
2019-07-16	128.62	9.88	102.53	117.84	136.49	74.09	3.76	63.05	64.71	72.08	90.17	6.43	72.81	84.49	95.7
2019-07-23	122.77	7.29	104.93	115.84	129.33	75.92	4.06	63.15	65.2	73.4	88.91	5.34	76.25	85.08	93.89
2019-07-30	137.45	12.84	103.53	118.16	146.64	71.04	3.29	63.05	64.4	70.84	90.96	6.91	73.39	85.71	97.01
2019-08-06	123.41	6.71	106.77	116.22	128.96	77.18	2.63	63.37	66.23	68.47	90.16	3.67	80.9	85.68	92.51
2019-08-13	122.09	6.26	108.35	115.67	129.54	85.21	5.14	65.18	67.79	76.99	91.56	5.43	78.61	86.68	97.11
2019-08-20	122.72	7.27	105.49	116.41	129.55	83.94	4.23	65.09	66.13	74.32	91.22	6.5	74.78	86.09	96.31
2019-08-27	130.49	10.18	106.27	119.86	138.08	87.46	5.1	65.05	65.66	75.93	91.6	7.79	70.37	85.7	97.14
2019-09-03	125.43	7.16	109.3	119.91	132.11	73.26	3.24	65.1	67.18	71.77	89.72	5.81	74.67	86.12	95.56
2019-09-10	124.89	7.61	107.71	116.78	132.25	80.96	5.83	65.06	65.65	80.86	91.94	7.8	72.45	84.04	98.81

2019-09-17	124.21	7.53	105.77	117.57	131.05	93.3	7.5	65.1	66.31	85.31	92.08	7.16	73.8	85.05	96.7
2019-09-24	128.3	9.4	104.79	120.35	135.47	89.06	5.09	65.1	66.87	77.07	89.53	6.8	71.93	84.65	95.25
2019-10-01	128.02	9.07	105.37	120.95	135.25	85.65	4.03	65.09	65.48	74.68	91.21	6.71	74.8	85.6	96.44
2019-10-08															
2019-10-15	123.56	9.12	101.87	116.52	130.6	71.61	3.55	65.12	65.83	74.78	91.48	7.62	73.63	80.93	97.57
2019-10-22	127.34	8.6	106.28	119.03	134.58	76.86	2.91	65.12	65.57	72.09	89.92	6.85	72.44	82.67	93.72
2019-10-29	128.19	8.89	106.7	119.26	135.85	70.27	2.62	65.11	66.54	72.29	88.77	6.04	73.14	83.45	93.59
2019-11-05															
2019-11-12															
2019-11-19															
2019-11-26	130.5	10.18	103.71	120.38	137.92	87.22	3.89	63.41	67.69	70.74	87.87	4.74	76.41	85.49	91.76
2019-12-03	120.77	6.48	105.19	115.85	127.02	85.96	3.13	62.83	63.45	70.13	90.7	7.09	68.65	79.28	92.36
2019-12-10	129.94	11.05	101.3	120.05	137.8	70.38	3.36	63	63.87	72.07	86.63	6.57	70.29	79.45	91.82
2019-12-17	126.33	8.65	105.08	117.63	133.73	75.45	4.41	63.02	64.49	75.84	85.39	5.89	71.97	80.1	91.66
2019-12-24	130.69	10.18	105.95	119.8	138.03	70.97	2.16	63.04	64.74	68.6	85.07	5.44	71.46	80.97	91.08
2020-01-01	120.61	7.98	100.58	114.8	127.05	70.29	3.84	63.11	68.61	75.58	87.54	6.36	70.9	85.23	91.93
2020-01-08	131.86	10.27	106.6	122.18	139.12	68.59	2.7	63.04	68.4	71.63	88.2	5.53	74.38	86.41	92.28
2020-01-15	126.14	8.8	102.02	117.27	131.17	67.22	2.68	63.02	65.38	70.31	86.88	6.4	70.88	82.88	91.5
2020-01-22	128.2	9.37	104.24	119.02	135.57	87.18	4.34	63.01	65.65	75.26	87.75	6.44	71.67	82.27	93.35
2020-01-29	121.22	7.62	103.42	114.87	127.73	79.02	4.47	63	65	75.69	86.84	6.87	70.64	82.55	92.09
2020-02-05	131.65	10.26	104.96	118.52	139.14	69.99	3.63	63.06	65.88	73.4	86.93	5.87	71.59	81.7	90.76
2020-02-12															
2020-02-19															
2020-02-26															
2020-03-04															
2020-03-11															
2020-03-18															
2020-03-25															
2020-04-01															
2020-04-08															

2020-04-15															
2020-04-22															
2020-04-29															
2020-05-06															
2020-05-13	117.65	7.44	98.58	112.85	122.65	96.47	6.86	65.06	66.15	79.61	87.32	7.36	66.84	82.98	92.75
2020-05-20	123.83	7.71	104.56	115.95	131.27	71.35	2.78	65.18	69.76	73.35	88.42	5.22	75.2	85.82	92.76
2020-05-27	123.34	8.22	102.28	116.14	130.29	90.77	3.22	65.06	68.41	71.63	90.23	6.16	74.35	85.82	94.2
2020-06-03	125.78	7.93	106.11	117.41	133.04	70.94	3.2	65.09	68.28	74.72	89	5.5	75.44	83.9	92.88
2020-06-10	120.82	7.1	102.67	115.24	127.4	71.09	2.74	65.03	66.02	71.86	88.35	7.19	68.44	81.52	92.58
2020-06-17	123.73	8.39	102.25	117.13	130.58	73.04	2.84	65.13	67.48	71.48	88.23	6.06	72.81	84.25	92.49
2020-06-24	123.01	8.18	103.21	116.24	130.07	71.05	2.95	65.22	68.85	72.19	88.43	5.39	75.49	85.93	92.8
2020-07-01	126.65	7.87	107.98	121.42	133.01	71.61	3.32	65.25	68.06	73.68	89.04	5.84	73.39	85.51	93.12
2020-07-08	123.89	8.75	100.85	116.65	131.24	79.4	3.56	65.31	67.53	73.72	90.68	5.55	76.14	83.91	93.81
2020-07-15	124.83	9.73	99.08	116.25	132.16	80.68	3.11	65.58	68.8	72.19	88.72	5.43	73.58	85.44	92.34
2020-07-22	126.48	8.41	106.4	117.71	133.8	92.97	3.9	65.57	69.82	73.77	89.83	5.61	74.65	86.61	93.82
2020-07-29	125.76	8.9	103.87	116.95	133.15	91.47	3.32	65.94	69.01	73	88.53	5	76.7	85.51	93.36
2020-08-05	123.02	7.41	104.88	115.54	130.02	82.39	3.84	65.68	68.9	74.47	89.84	5.53	75.07	85.63	94.04
2020-08-12	124.44	7.75	105.52	116.39	132.02	69.26	2.23	65.52	67.95	71.47	88.39	5.58	74.91	85.13	93.01
2020-08-19	127.39	8.76	105.28	117.97	134.91	72.9	3.61	65.51	67.27	75.75	90.42	6.83	73.21	84.44	96.07
2020-08-26	126.24	8.79	104.18	117.65	133.87	80.92	4.02	65.4	67.69	74.51	89.99	5.96	74.01	85.26	94.3
2020-09-02	124.45	7.64	105.26	117	131.74	92.65	5.61	65.23	67.84	76.34	90.3	6.39	71.81	85.6	93.89
2020-09-09	128.58	9.38	103.32	116.4	135.81	92.48	8.21	63.03	65.57	85.39	89.96	7.28	69.65	84.01	94.38
2020-09-16	135.26	10.47	108.92	124.69	143.1	85.94	7.9	63.04	64.58	86.56	91.31	7.62	71.42	83.9	96.98
2020-09-23	129.04	9.72	104.7	120.3	136.44	99.78	10.83	62.99	64.82	94.76	90.18	8.01	70.73	84.71	96.18
2020-09-30	127.49	7.96	108.49	119.92	134.73	97.35	11.86	62.97	64.83	97.29	91.02	8.06	71.23	85.31	97.12
2020-10-07	128.61	9.02	106.73	118.95	136.28	91.29	7.18	62.94	67.42	83.74	90.19	6.86	71.86	86.23	94.91
2020-10-14	137.22	10.26	110.75	126.1	144.07	75.03	3.87	63.04	67	72.75	90.07	5.94	75	86.66	95.3
2020-10-21	131.38	9.77	104.23	118.14	139.54	87.05	3.89	63.11	65.95	72.37	89.64	6.75	71.67	84.35	94.38
2020-10-28	121.37	7.14	105.86	117.06	127.71	89.03	3.65	65.08	65.72	74.08	88.37	7.19	71.05	82.05	93.67
2020-11-04	121.16	6.72	105.88	116.28	127.39	73.74	3.23	65.09	66.09	73.56	88.24	6.43	72.07	82.03	93.12

2020-11-11	125.58	8.19	105.71	118.44	133.07	76.16	3.92	65.18	69.19	77.01	88.96	5.6	76.19	85.88	94.05
2020-11-18	123.91	7.76	104.55	117.37	130.54	70.46	3.49	65.11	66.71	75.45	88.63	6.52	72.85	82.62	94.25
2020-11-25	122.7	8.06	101.09	116.67	129.72	84.5	4.3	65.1	66.62	74.9	88.43	6.71	72.77	81.48	93.88
2020-12-02	124.32	9.02	102.03	116.67	131.54	74.08	2.77	65.09	66.41	72.09	89.43	7.26	69.39	80.52	93.8
2020-12-09	126.08	8.6	104.17	118.16	133.59	72.22	3.71	65.12	67.93	75.96	90.32	6.69	72.54	84.26	95.04
2020-12-16	125.79	8.73	103.76	118.11	132.96	72.71	3.85	65.25	70.52	77.86	87.94	5.24	75.65	85.65	93.06
2020-12-23	121.79	7.96	102.35	116.67	128.32	69.29	2.41	65.22	67.67	72.27	87.03	5.47	74.16	82.99	91.89
2021-01-01	123.68	8.74	102.05	116.01	130.92	73.48	3.93	65.12	68.33	76.6	88.51	6.03	72.97	83.14	92.85
2021-01-08	121.53	5.56	108.23	117.81	127.12	70.74	2.28	65.69	70.43	72.99	88.21	4.84	75.91	86.14	92.9
2021-01-15															
2021-01-22															
2021-01-29															
2021-02-05															
2021-02-12															
2021-02-19															
2021-02-26	123.16	9.43	92.49	118.24	126.96	67.43	2.09	64.62	65.06	69.52	89.38	7.46	70.49	78.55	95.61
2021-03-05	122.06	8.19	101.94	117.63	128.12	68.41	2.59	64.65	66.11	71.85	87.38	6.82	69.79	82.08	92.59
2021-03-12	121.66	7.21	103.96	117.33	127.88	72.04	2.8	64.62	65.13	71.77	87.81	7.04	70.61	81.42	93.64
2021-03-19	121.52	7.45	103.82	117.35	127.48	75.84	3.64	64.64	68.46	73.3	89.55	6.44	72.14	85.46	92.36
2021-03-26	126	7.53	107.45	119.51	132.89	68.65	2.65	64.64	67.1	71.72	88.59	6.2	73.98	85.1	93.44
2021-04-02	126.29	7.81	106.45	118.4	132.29	90.24	3.79	64.62	68.8	72.04	87.92	5.68	73.31	86.21	92.44
2021-04-09	121.27	6.81	105.03	116.46	127.31	69.06	2.85	64.61	66.4	71.86	87.52	6.93	69.75	84.07	92.66
2021-04-16	121.7	7.19	104.9	116.47	128.09	77.85	2.14	64.58	65.12	69.45	87.64	6.59	70.53	82	93.1
2021-04-23	129.32	8.9	104.56	118.62	136.55	80.16	3.17	64.66	66.57	72.52	88.15	6.11	74.1	83.14	93.88
2021-04-30	131.58	9.57	106.62	119.09	139.51	71.95	3.08	64.61	66.64	72.31	89.14	5.86	74.4	84.17	93.94
2021-05-07	123.4	8.74	100.04	117.27	130	70.89	2.7	64.64	67.18	71.4	88.64	5.9	75.07	84.41	93.55
2021-05-14	126.73	8.94	104.43	118.14	134.35	87.16	3.14	64.69	68.08	71.63	89.01	5.44	75.74	85.35	93.4
2021-05-21	132.2	10.25	102.7	119.06	139.69	70.34	2.8	64.61	68.72	71.81	89.22	5.83	74.71	86.34	94.58
2021-05-28	133.24	10.9	106.36	120.46	140.91	90.68	4.33	64.53	65.86	71.61	89.73	7.09	70.16	84.47	94.63
2021-06-04	127.26	9.03	104.16	118.42	135.23	71.4	2.9	64.16	66.01	70.71	89.2	6.28	73.66	83.99	94.69

2021-06-11	134.24	10.95	106.09	120.46	139.45	73.52	2.93	64.09	64.42	70.76	89.14	7.4	71.31	81.52	95.24
2021-06-18	130.96	9.58	105.96	121.47	138.63	77.46	2.81	64.27	67.34	70.13	89.25	5.38	75.27	85.8	93.72
2021-06-25	136.16	12.03	106.28	124.01	143.35	78.21	3.57	64.12	65.83	71.48	89.64	6.28	73.43	84.89	94.88
2021-07-02	133.27	10.98	106.03	121.29	141.21	75.8	3.57	64.34	67.44	70.34	89.23	4.44	79.18	85.82	93.63
2021-07-09	137.95	11.94	108.66	123.92	145.31	74.62	2.58	66.07	68.94	70.85	90.64	3.65	82.69	87.57	94.62
2021-07-16	134.6	10.67	109.01	124.24	142.08	75.42	3.19	64.55	67.94	71	89.81	4.51	79.33	86.47	94.12
2021-07-23	138.39	12	109.85	123.98	145.38	83.35	3.09	64.73	67.79	71.67	90.58	4.6	79.55	86.16	94.93
2021-07-30	132.02	9.64	108.83	121.51	140.29	75.42	2.63	65	67.98	70.19	89.48	3.73	81.06	86.32	93.31
2021-08-06	136.95	10.94	110.76	124.63	144.47	79.51	3.24	64.18	65.89	70.29	90.43	6.11	74.3	86.34	95.28
2021-08-13	134.21	10.33	107.96	125.29	141.68	73.56	3.6	64.2	67.18	71.36	88.89	4.84	77.51	86.08	93.64
2021-08-20	138.13	11.67	109.26	124.3	145.96	79.33	3.54	64.14	65.24	70.25	90.32	5.75	75.39	85.03	94.47
2021-08-27	131.22	9.39	107.31	120.96	138.96	73.28	3.65	64.34	66.53	74.3	90.21	5.29	77.69	85.01	94.99
2021-09-03	136.38	11.39	107.8	123.65	144.28	81.8	4.72	64.11	64.83	73.32	90.12	7.07	70.72	84.37	94.83
2021-09-10	135.88	10.92	107.61	126.15	143.73	85.12	5.93	64.16	66.34	79.72	91.44	6.31	75.91	85.64	96.31
2021-09-17	135.91	10.09	110.13	125.49	144.26	84.44	6.15	64.14	65.73	79.26	90.59	6.59	73.82	85.2	95.8
2021-09-24	131.95	9.96	107	122.64	139.21	90.71	7.39	64.15	66.04	84.59	90.7	6.95	72.49	85.54	95.75
2021-10-01	134.94	9.58	110.78	126.31	142.51	97.93	12.05	64.15	65.23	101	91.8	7.75	72.32	85.56	96.82
2021-10-08	135.82	10.8	108.87	124.51	143.88	99.82	9.2	63.31	66.14	90.3	92.09	7.33	73.99	85.69	97.65
2021-10-15	124.61	8.18	105.48	117.44	131.33	99.48	7.56	63.18	64.24	80.15	89.1	6.87	71.88	83.36	94.66
2021-10-22	123.2	6.84	106.59	117.72	129.47	78.3	4.09	63.26	67.03	75.01	89.02	5.61	76.03	85.45	94.41
2021-10-29	123.94	7.15	105.82	118.02	128.67	76.85	3.51	63.38	67.56	73.76	89	5.56	74.33	85.08	93.77
2021-11-05	129.25	8.5	108.05	120.96	136.7	77.92	3.7	63.63	67.81	72.83	89.91	4.83	77.81	86.37	94.06
2021-11-12	122.33	7.08	104.91	117.68	128.57	73.31	4.35	63.49	68.26	78.65	90.9	5.58	76.69	86.26	95.56
2021-11-19	127.29	9.51	103.72	119.28	134.32	69.73	3.23	63.32	64.96	71.82	88.33	5.97	73.65	82.77	92.56
2021-11-26	124.38	9.26	102.24	117.16	131.22	71.3	4.59	63.26	67.9	77.12	87.32	6.44	70.81	83.93	92.34
2021-12-03	132.13	11.44	102.62	121.97	139.09	71.32	3.53	63.43	67.72	73.39	89.8	5.53	75.83	85.26	93.97
2021-12-10	124.45	7.96	105.64	117.51	131.54	73.23	3.89	63.4	67.99	75.54	88.3	5.53	75.13	85.26	93.57
2021-12-17	128.72	8.51	108.61	120.16	136.06	72.44	3.34	63.79	67.92	74.34	89.39	4.76	78.89	85.39	94.58
2021-12-24	124.74	8.87	103	117.68	131.78	69.02	2.49	63.87	68.46	71.2	87.76	4.74	75.8	85.93	91.36
2022-01-01	131.49	11.45	103.57	120.2	138.72	72.72	4.3	63.86	68.02	77.43	90.56	5.28	77.16	84.13	93.38

2022-01-08	121.84	6.4	106.91	116.86	128.27	73.29	4.27	63.24	65.4	76.69	89.84	6.78	72.99	83.94	95.24
2022-01-15	128.96	10.38	103.11	121.89	135.64	74.72	3.83	63.25	64.34	74.15	88.52	7.62	69.15	80.69	93.76
2022-01-22	125.92	9.37	102.43	118.48	132.91	68.93	2.34	63.36	66.67	69.61	87.71	5.31	74.21	84.06	92.93
2022-01-29	131.38	9.95	107.3	121.63	138.52	82.86	4.35	63.25	65.25	74.39	87.99	6.77	72.03	82.55	93.39
2022-02-05	123.52	7.24	106.66	116.76	130.96	70.8	2.91	63.19	64.29	70.5	88.76	6.85	71.71	82.5	92.71
2022-02-12	127.25	8.32	107.55	119.16	134.92	80.4	3.86	63.22	65.57	69.79	89.32	5.91	72.34	82.51	91.95
2022-02-19	122.61	7.33	104.76	117.83	128.97	76.62	3.32	63.28	67.16	71.36	90.81	5.82	74.78	85.74	94.07
2022-02-26	128.14	9.76	104.99	119.65	135.17	77.06	4.24	63.17	66.88	76.08	88.44	7.02	70.27	83.65	93.54
2022-03-05	120.24	6.45	103.35	115.69	124.88	76.98	2.87	63.5	65.87	71.95	88.31	6.89	70.15	82.13	93.52
2022-03-12	120.29	6.04	106.43	116.68	126.35	76.47	4	65.15	66.4	77.28	87.06	6.82	69.56	81.5	92.58
2022-03-19	121.5	6.43	106.64	117.41	127.69	72.32	3.21	65.13	67.18	73.02	88.71	7.17	70.57	83.62	94.25
2022-03-26	123.13	7.22	105.37	116.87	130.02	72.31	2.92	65.14	66.95	72.06	90.03	6.65	73.39	84.31	95.63
2022-04-02	121.15	5.69	108.49	116.9	127.24	71.09	3.52	65.17	69.14	75.55	89.63	6.87	72.53	86.99	94.23
2022-04-09	121.25	7.38	103.26	115.77	127.74	80.29	3.4	65.21	69.02	73.48	90.11	5.95	75.53	85.61	95.09
2022-04-16	126.36	8.14	106.77	117.85	133.4	77.18	3.16	65.12	67.04	73.12	88.72	6.8	71.77	83.81	94.07
2022-04-23	120.51	6.53	105.3	115.81	126.74	71.32	2.63	65.13	65.72	71.29	89.17	6.9	70.7	82.5	93.76
2022-04-30	122.86	7.09	105.69	117.44	129.49	78.41	3.16	65.13	67.26	73.38	88.48	6.58	71.31	83.46	92.68
2022-05-07	121.11	6.5	105.34	117.18	126.91	73.68	2.82	65.19	68.71	71.79	88.79	5.39	75.21	86.08	94.03
2022-05-14	127.98	8.19	107.92	119.57	135.79	76.85	3.48	65.14	68.84	74.44	90.17	7.11	71.66	86.47	95.59
2022-05-21	124.87	8.56	104.13	118.76	131.19	75.89	3.34	65.13	67.58	73.29	89.28	6.41	72.98	85.01	95.24
2022-05-28	125.02	7.55	106.95	119.47	131.41	85.47	3.82	65.09	66.71	72.63	89.17	7.32	69.87	83.42	94.26
2022-06-04	123.37	7.37	105.97	117.29	129.87	78.82	3.89	65.1	66.12	76.9	90.51	6.88	72.19	83.32	94.83
2022-06-11	129.85	8.96	108.72	121.27	137.01	81.69	3.79	65.17	69.16	75.09	90.35	5.42	75.9	86.52	94.11
2022-06-18	126.03	7.75	106.71	118.13	133.67	77.89	3.24	65.29	68.77	72.41	90.14	4.89	78.03	86.8	94.38
2022-06-25	124.32	8.13	104.66	117.57	131.39	69.98	2.55	65.09	66.04	71.07	89.5	7.1	70.46	84.15	94.51
2022-07-02	122.69	7.5	103.79	116.92	128.78	94.25	5.94	60.38	62.62	71.56	90.5	6.75	72.49	85.21	95.51
2022-07-09	133.77	9.45	108.37	120.41	141.26	89.3	3.87	60.49	63.93	69.63	90.92	5.34	77.67	86.55	95.67
2022-07-16	133.45	10.13	106.58	119.79	140.7	74.09	4.08	60.41	62.99	70.32	89.4	5.51	76.12	85.31	94.71
2022-07-23	131.17	9.78	108.06	119.41	139.17	73.59	3.5	60.37	62.97	67.87	89.65	6.4	71.34	84.79	94.75
2022-07-30	131.31	9.59	107.12	118.75	138.91	69.77	3.14	60.47	63.48	67.16	90.1	5.2	77.71	85.42	94.7

2022-08-06	132.82	9.15	110.31	120.63	140.19	70.79	3.27	60.37	61.2	66.72	89.59	6.56	72.7	85.02	94.73
2022-08-13	132.37	9.67	107.39	119.45	140.45	79.4	3.95	60.4	61.49	68.74	90.78	6.82	72.44	85.22	95.72
2022-08-20	128.84	8.52	108.57	119.31	136.72	74.77	3.01	60.65	63.03	67.17	89.11	4.83	78.32	85.4	94.05
2022-08-27	131.26	9.2	108.73	119.78	139.33	90.15	4.69	60.37	62.25	67.57	89.13	6.03	73.67	85.02	94.6
2022-09-03	132.69	9.81	108.82	120.5	140.71	74.59	3.52	60.41	62.09	67.44	89.72	6.39	72.87	85.75	94.84
2022-09-10	131.02	8.43	108.9	120.06	137.91	74.63	3.57	60.46	62.48	66.72	92.69	6.17	76.12	85.62	96.75
2022-09-17	130.35	9.04	107.86	118.58	138.83	81.71	5.84	60.32	62.22	77.98	92.2	7.12	72.94	85.32	97.02
2022-09-24	130.57	9.06	107.48	120.32	138.77	89.63	5.71	60.37	61.51	75.76	91.04	7.08	72.45	84.77	95.92
2022-10-01	130.54	9.25	107.4	119.03	138.51	90	5.96	60.37	61.23	77.94	91.46	7.88	70.98	85.3	96
2022-10-08	129.51	8	110.54	119.99	137.72	98.91	9.94	60.36	61.3	88.89	90.6	7.74	71.56	84.18	96.12
2022-10-15	130.2	9.66	107.15	118.14	138.06	99.26	7.35	63.27	64.28	82.53	90.08	6.79	72.13	84.29	95.1
2022-10-22	133.37	10.31	107.56	121.15	141.31	71.5	3.67	63.33	66.53	74.19	88.88	5.94	73.12	84.06	93.15
2022-10-29	133.02	10.7	106.05	121.56	140.91	72.04	5.01	63.29	65.45	77.38	88.91	5.93	73.98	82.66	93.44
2022-11-05	133.1	9.94	108.75	121.97	140.99	71.12	3.05	63.38	67.28	71.58	88.47	5.65	74.61	84.61	93.12
2022-11-12	130.74	9.7	107.78	120.71	137.92	74.93	2.57	63.41	66.54	69.79	87.8	5.06	75.48	84.39	92.46
2022-11-19	134.55	10.41	107.85	123.27	142.39	70.91	3.19	63.43	65.18	71.98	87.77	5.85	74.3	82.37	93.33
2022-11-26	136.19	11.31	108.68	123	144.08	70.24	2.74	63.63	67.93	71.52	88.17	4.73	76.77	85.78	92.73
2022-12-03	134.37	10.39	109.51	123.16	142.51	71.54	2.7	63.41	66.03	70.44	89.62	6.25	72.97	83.46	93.36
2022-12-10	132.67	10.48	106.92	120.31	140.71	73.7	2.94	63.27	64.32	69.56	88.31	6.6	71.4	81.76	92.3
2022-12-17	133.89	10.37	108.27	121.05	141.56	75.32	3.47	63.63	69.68	72.97	91.72	5.28	76.73	87.68	94.65
2022-12-24	137.03	12.27	106.51	124.76	144.79	72.01	3.62	63.58	68.35	75.67	87.41	5.32	74.25	84.96	92.3
2023-01-01	133.02	11.01	104.53	121.75	141.24	67.57	2.43	63.37	66.56	70.13	86.84	5.81	72.64	84.18	91.1
2023-01-08	133.24	11.23	103.57	119.95	141.28	68.26	2.98	63.32	66.47	71.81	88.01	6	73.48	83.26	93.64
2023-01-15	133.65	11.01	106.58	121.24	141.84	69.27	2.85	63.29	64.75	69.8	88.88	6.8	71.59	82.9	94.38
2023-01-22	136.17	10.84	109.39	124.77	143.87	83.83	3.43	63.31	65.28	71.51	87.68	6.31	72.34	82.95	93.36
2023-01-29	132.99	9.71	108.67	123.47	140.82	67.74	2.55	63.35	65.59	70.22	86.66	5.51	73.79	82.86	91.72
2023-02-05	131.91	9.85	107.45	122.88	139.03	68.28	3.19	63.27	65.92	72.17	86.87	6.28	71.84	83.11	92.15
2023-02-12	132.94	10.35	107.24	123.02	140.77	68.09	2.83	63.23	63.92	70.09	87.64	7.09	70.86	80.89	92.4
2023-02-19	135.28	10.59	108.22	124.62	143.13	69.29	2.64	63.43	69.4	71.25	89.38	4.9	76.48	88.38	93.12
2023-02-26	130.06	9.42	106.74	122.34	137.09	68.96	2.74	63.23	67.08	70.36	88.37	5.63	73.85	84.84	91.91

2023-03-05	129.14	8.61	106.9	121.25	136.61	70.73	2.98	63.22	64.46	70.21	88.43	7.17	70.38	82.52	92.25
2023-03-12	132.81	9.96	107.99	121.54	140.06	71.96	2.81	62.95	64.93	70.13	89.03	6.78	68.4	83.36	92.53
2023-03-19	134.88	10.46	107.33	122.3	143.36	90.43	4.85	62.86	64.9	70.95	87.12	6.78	70.18	83.38	91.94
2023-03-26	129.99	9.32	106.45	118.47	137.03	71.34	3.16	62.81	65.76	69.89	87.5	6.87	68.69	83.8	91.41
2023-04-02	127.28	8.23	106.57	119.55	134.34	76.48	3.31	62.82	64.51	69.99	87.28	7.22	68.99	82.35	92.19
2023-04-09	133.95	11.03	105.78	121.75	141.55	74.71	3.58	62.83	63.88	70.5	89.94	7.69	67.96	81.98	93.32
2023-04-16	133.02	10.47	105.71	121.49	140.56	69.19	2.7	62.86	64.37	69.74	87.94	7	68.84	81.67	91.56
2023-04-23	133.71	10.22	108.26	121.82	140.99	80.59	3.1	62.85	65.21	69.63	88.52	6.66	70.21	83.41	93.04
2023-04-30	128.34	9.25	103.99	119.57	134.88	71.6	3.2	62.87	65.83	70.9	89.04	6.07	73.34	83.58	93.97
2023-05-07	137.41	12.56	105.28	123.13	145.27	81.72	3.17	62.82	64.54	69.29	88.92	6.76	70.45	82.84	94.24
2023-05-14	133.91	10.47	107.01	120.37	141.54	81.36	3.71	62.83	65.66	69.73	92.22	6.26	73.51	85.63	94.16
2023-05-21	136.07	11.64	107.18	120.85	144.02	73.77	3.31	62.81	64.9	69.88	89.11	7.04	71.24	85.58	93.59
2023-05-28	129.96	9.87	104.46	118.53	137.35	80.4	2.37	64.53	68.24	69.64	89.73	3.49	81.5	87.11	92.2
2023-06-04	137.67	12.22	108.35	123.39	145.25	74.68	3.29	62.81	67.22	70.88	90.58	5.91	74.35	86.02	94.29
2023-06-11	132.65	10.39	106.94	120.62	140.21	81.74	3.77	62.82	65.97	69.89	88.88	5.82	73.26	85.41	93.27
2023-06-18	135.61	11.62	106.39	121.61	143.37	72.83	3.28	62.86	66.1	69.88	89.37	5.87	74.45	84.79	93.69
2023-06-25	130.05	9.09	107.3	119.3	136.89	85.26	2.66	63.89	68.34	69.91	89.71	3.78	80.82	87.11	92.62
2023-07-02	139.01	13.79	104.67	122.51	146.51	97.91	5.54	61.69	64.51	70.86	91.64	6.41	72.97	85.07	94.47
2023-07-09	130.67	9.29	108.36	118.64	138.27	87.93	3.22	62.22	65.79	68.3	87.79	3.7	80.06	85.37	92
2023-07-16	135.24	11.65	107.96	120.19	142.88	68.51	2.88	61.85	65.29	68.53	88.72	5.13	76.88	85.89	93.27
2023-07-23	128.61	9.28	105.3	117.31	136.68	75.35	3.94	61.76	64.46	71.69	87.79	4.89	76.22	84.43	92.82
2023-07-30	141.29	13.54	108.68	122.9	149.02	69.36	3	61.98	64.66	69.39	89	4.69	78.37	84.77	93.57
2023-08-06	133.39	10.62	106.39	119.96	141.37	74.49	2.71	61.87	64	67.61	89.48	5.25	77.15	85.29	94.5
2023-08-13	136.67	12.14	107.54	119.36	144.5	70.19	2.87	61.62	61.98	67.52	88.15	7.07	69.99	84.29	93.46
2023-08-20	129.93	9.95	105.24	117.36	138.15	66.42	2.75	61.64	62.71	67.65	88.56	6.33	71.36	84.37	93.11
2023-08-27	137.91	12.68	106.27	122.14	145.73	71	3.44	61.65	63.92	69.7	88.71	5.85	72.54	84.33	93.54
2023-09-03	132.43	10.03	106.22	119.83	140.12	79.1	4.29	61.7	63.01	68.77	89	5.76	75.39	83.84	94.24
2023-09-10	132.2	9.95	107.66	118.37	140.25	77.56	3.82	61.65	62.42	68.7	90.01	6.89	71.64	82.7	94.36
2023-09-17	130.93	9.96	105.77	118.93	138.79	78.08	4.8	61.67	63.31	74.89	90.04	6.15	73.38	84.12	93.8
2023-09-24	133.72	10.4	108.29	119.79	142.03	71.69	4.64	61.65	62.58	75.22	87.95	6.68	71.45	83.55	93.69

2023-10-01	135.28	10.89	108.28	121.06	143.34	91.54	6.72	61.67	62.77	79.15	91.16	7.15	72.25	84.73	95.25
2023-10-08	129.4	9.49	106.13	117.26	137.45	75.08	5.4	61.68	63.52	78.84	88.45	7.15	70.23	83.13	94.09
2023-10-15	129.38	9.12	107.43	120.61	136.22	90	7.74	61.82	63.23	85.27	87.61	6.93	69.95	80.59	92.69
2023-10-22	125.5	8.15	105.75	118.14	132.86	68.94	3.72	62.28	64.18	72.57	87.31	6.3	71.65	83.43	91.41
2023-10-29	129.61	9.63	105.18	120.25	136.94	69	3.8	62.32	64.79	74.41	87.2	6.19	72.09	82.41	92.6
2023-11-05	119.67	6.62	104.58	114.07	126.42	67.78	3.1	62.29	64.11	70.49	85.82	6.54	70.52	80.35	91.06
2023-11-12	128.84	8.87	107.64	121.13	136.07	69.99	3.01	62.31	64.86	70.58	87.36	5.4	73.83	82.91	92.26
2023-11-19	124.88	7.94	105.44	118.04	132.03	68.09	3.4	62.29	63.83	70.23	86.08	6.36	71.2	81.49	91
2023-11-26	129.91	9.11	107.64	121.08	136.98	68.04	3.26	62.4	65.27	72.15	86.84	5.47	74.25	82.86	92.14
2023-12-03	122.59	7.24	104.64	116.86	128.92	75.47	4.27	62.23	64.69	74.32	87.44	6.78	70.71	83.02	92.47
2023-12-10	130.72	9.21	108.6	122.3	138.19	67.63	3.16	62.32	64.65	71.99	86.45	5.51	72.71	81.95	91.37
2023-12-17	127.4	8.06	107.52	118.85	135.12	70.13	3.19	62.22	64.07	69.91	88.18	6.47	71.06	82.19	91.99
2023-12-24	129.47	10.04	105.48	119.13	136.63	68.75	2.93	62.33	66.5	70.6	85.28	5.2	72.18	83.54	89.69
2024-01-01	122.75	7.35	104.31	115.82	128.38	67.5	3.1	62.26	65.05	70.23	86.29	6.24	70.32	82.8	91.05
2024-01-08	131.91	9.6	108.03	121.9	139.44	71.2	3.43	62.63	68.8	73.32	90.24	5.41	76.6	88.8	94.46
2024-01-15	126.32	8.17	105.78	118.04	134.12	70.66	3	63.86	67.59	73.24	91.29	5.05	79.61	85.14	95.96
2024-01-22	128.82	8.8	108.06	119.32	136.22	69.81	4.48	62.18	64.14	76.54	87.26	6.93	70.08	80.52	93.29
2024-01-29	122.46	7.04	105.59	116.28	129.1	66.45	2.8	62.16	62.66	68.7	85.34	7.09	67.93	79.63	91.36
2024-02-05	131.71	8.98	109.7	121.45	139.36	71.26	3.58	62.21	64.62	72.38	87.86	6.03	72.05	81.82	92.18
2024-02-12	127.77	8.45	106.12	119.95	134.76	69.6	2.97	62.35	67.96	70.21	87.31	5.67	72.97	85.6	91
2024-02-19	127.35	8.09	108.46	119.11	134.76	69.95	3.17	62.19	64.24	70.4	87.62	6.68	69.99	81.54	91.71
2024-02-26	121.39	6.69	104.05	115.88	126.58	97.3	4.77	61.21	64.91	71.03	88.37	6.14	73.3	84.97	92.99
2024-03-04	132.11	9.96	106.64	118.82	140.22	72.49	3.02	61.17	62.78	68.59	87.07	6.12	72.49	82.09	92.48
2024-03-11	128.19	8.58	107.3	119.45	135.17	74.98	3.3	61.15	62.49	68.67	87.34	6.48	71.69	82.63	92.61
2024-03-18	126.89	8.25	106.62	118.38	134.2	67.17	3.15	61.11	61.78	69.44	86.99	6.99	70.28	80.81	93.03
2024-03-25	124.67	8.13	103.64	118.06	131.33	65.61	2.65	61.08	61.64	67.37	87.31	7.26	68.93	81.59	92.66
2024-04-01	131.56	9.29	108.93	120.77	139.18	65.92	2.42	61.13	63.35	67.55	87.88	5.91	73.32	83.88	93.23
2024-04-08	134.85	10.87	107.35	122.07	142.97	75.7	3.65	61.1	62.94	70.9	88.31	6.41	72.55	83.63	93.84
2024-04-15	128.57	9.37	105.07	118.28	135.86	79.19	3.2	61.09	64.5	68.17	89.88	6.21	73.62	86.42	92.97
2024-04-22	134.42	10.94	106.27	119.81	142.68	71.5	3.21	61.09	64.09	68.79	89.75	6.22	73.16	83.63	93.08

2024-04-29	134.72	11.4	106.3	119.73	142.68	75.79	3.36	61.08	63.22	67.46	91.72	5.95	74	85.07	93.85
2024-05-06	136.73	11.29	108.14	123.23	144.59	67.28	3.23	61.09	64.67	69.87	89.98	5.74	74.77	85.95	94.9
2024-05-13	130.6	9.85	104.28	119.83	138.56	77.99	2.83	61.71	66.48	67.92	90.99	3.89	80.84	88.04	92.99
2024-05-20	138.04	12.46	105.75	121.02	146.38	91.67	3.77	61.4	65.44	71.65	90.52	4.93	77.94	86.25	93.28
2024-05-27	137	11.83	106.7	121.35	145.11	68.03	3.16	61.04	62.63	68.44	89.26	6.49	72.22	84.37	94.53
2024-06-03	135.96	11.24	108.21	122.76	143.93	84.07	3.9	61.09	63.87	70.75	91.74	6.87	73.58	86.31	96.63
2024-06-10	131.77	9.6	107.59	119.67	139.96	72.57	2.69	61.29	64.61	68.17	89.7	4.87	78.52	86.03	93.87
2024-06-17	138.91	11.97	107.98	121.52	146.52	79.56	3.42	61.12	63.45	67.21	91.33	6.18	74.22	85.22	94.99
2024-06-24	140.6	12.73	107.24	121.2	149.16	69.5	3.08	61.07	62.76	68	89.63	5.98	75.19	84.74	94.91
2024-07-01	136.58	12.73	103.76	121	144.64	78.86	4.12	61.08	63.76	68.5	90.45	6.83	72.26	86.05	95.1
2024-07-08	132.59	10.72	104.14	118.28	141.15	77.66	3.27	63.78	65.34	70.31	90.12	5.32	77.92	86.37	95.16
2024-07-15	132.61	9.97	107.99	119.34	140.75	82.72	3.66	64.05	66.7	69.71	90.53	4.48	80.12	87	94.46
2024-07-22	136	10.35	110.22	123.18	144.32	73.34	3.02	63.86	67.41	70.07	91.92	4.95	80.27	87.71	96.85
2024-07-29	134.92	10.72	107.29	123.01	143.05	86.08	4.15	63.75	64.76	72.29	91.91	6.48	74.74	86.31	96.49
2024-08-05	131.52	9.58	107.62	120.87	138.84	72.85	3.13	63.81	66.22	69.63	91.36	4.84	79.85	87.37	95.64
2024-08-12	133.04	10.24	108.21	121.51	140.68	71.41	3.16	63.78	65.99	69.43	90.85	5.29	79.45	86.85	96.22
2024-08-19	136.93	11.13	109.76	123.98	145.14	82.9	4.45	63.74	64.57	74.89	91.27	6.97	73.27	85.49	96.9
2024-08-26	135.28	11.59	106.68	124.41	142.76	78.59	3.95	63.71	64.1	73.19	91.34	7	73.19	87.06	96.69
2024-09-02	133.54	10.02	109.26	121.45	141.12	83.15	3.6	63.72	64.18	69.96	92.62	6.92	73.6	86.45	97.35
2024-09-09	135.86	12.01	106.22	120.25	143.75	84.76	4.14	63.74	65.46	73.68	92.07	5.69	76.28	85.43	94.8
2024-09-16	137.04	10.77	110.54	125.74	144.91	92.13	6.88	63.76	64.96	83.26	92.98	6.79	75.63	86.36	98.02
2024-09-23	133.89	10.8	106.84	121.02	141.44	78.93	5.68	63.74	65.91	79.41	91.38	6.6	73.91	86.85	96.53
2024-09-30	130.95	9.21	107.87	119.72	138.38	100.16	8.87	63.78	65.46	90.05	91.83	7.21	73.21	85.93	96.65
2024-10-07	131.82	10.11	107.57	119.34	139.18	88.89	5.94	61.72	63.99	79.12	90.98	7.68	72.22	84.33	96.69
2024-10-14	135.88	10.55	108.71	120.98	143.83	75.97	5.51	61.75	63.18	77.3	89.04	6.82	72.45	81.99	94.25
2024-10-21	132.64	10.46	106.54	119.09	139.89	72.94	3.81	61.74	62.75	70.51	89.03	6.98	70.8	81.43	93.95
2024-10-28	128.86	8.34	107.85	119.99	135.78	67.59	3.33	61.73	62.47	71.31	86.53	6.5	71.37	80.22	92.57
2024-11-04	133.66	11.23	105.8	121.52	141.43	70.65	3.71	61.75	62.79	72.43	86.74	6.8	71.14	80.8	92.18
2024-11-11	135.07	10.92	107.67	121.92	142.78	71.48	4.19	61.82	65.74	73.99	89.14	6.11	73.32	83.69	93.07
2024-11-18	133.75	9.87	109.48	122.11	141.53	67.54	3.21	61.8	65.03	70.63	90.83	6.49	73.32	84.73	94.19

2024-11-25	130.1	8.83	107.34	119.43	137.99	67.64	2.98	61.77	62.47	68.39	88.24	6.85	70.79	80.48	93.37
2024-12-02	134.84	10.5	109.2	122.45	142.48	70.37	3.68	61.91	64.63	73.11	88.39	5.75	74.69	82.28	93.43
2024-12-09	134.81	10.01	109.19	122.76	142.44	71.53	3.18	61.94	64.95	70.16	87.36	5.57	74.47	82.46	92.95
2024-12-16	135.01	11.35	108.05	120.99	142.26	68.04	3.65	61.75	65.59	72.6	87.5	6.41	71.45	83.81	92.9
2024-12-23	128.7	9.16	104.76	118.18	135.64	67.55	3.14	61.88	66.1	70.79	86.68	5.44	74.31	83.56	92.31

Table 13c: Sooke weekly sound pressure levels (SPL) in decibels (dB). Mean (Avg) and standard deviation (Std), Q₅, Q₅₀ and Q₉₅ levels for rain and commercial vessels are given.

Date	Avg 19500- 20500 Hz	Std 19500- 20500 Hz	Q5 19500- 20500 Hz	Q50 19500- 20500 Hz	Q95 19500- 20500 Hz	Avg 57- 71 Hz	Std 57- 71 Hz	Q5 57- 71 Hz	Q50 57- 71 Hz	Q95 57- 71 Hz	Avg 113-141 Hz	Std 113- 141 Hz	Q5 113- 141 Hz	Q50 113-141 Hz	Q95 113-141 Hz
2019-01-01	84.02	7.86	64.44	74.43	89.46	120.54	9.94	94.78	111.44	127.51	106.83	7.98	87.24	98.93	111.88
2019-01-08	79.92	6.47	64.32	74.1	83.72	121.88	8.35	98.51	110.27	127.14	107.27	7.2	89.47	100.16	113.42
2019-01-15	78.9	5.54	64.94	75.22	82.69	126.78	9.74	97.26	109.9	129.45	108.31	7.67	89.47	99.68	113.85
2019-01-22	77.65	5.83	64.31	71.56	83.5	131.9	11.07	97.58	111.72	135.13	109.51	8.38	88.02	99.85	115.37
2019-01-29	83.59	6.28	65.03	74.54	86.37	119.05	8.97	96.31	109.97	126.03	104.69	7.02	87.22	98.83	110.42
2019-02-05	77.67	5.16	65.29	75.15	81.55	120.85	9.31	96.53	110.56	127.71	105.72	7.44	87.75	98.85	111.32
2019-02-12	78.24	6.04	64.23	74.08	82.03	121.33	9.3	96.91	110.17	126.97	105.83	7.2	87.8	98.5	112.16
2019-02-19	78.83	6.06	64.9	73.48	82.75	125.67	9.06	101.23	114.25	130.46	107.19	6.72	91.34	101.86	112.93
2019-02-26	80.34	3.48	71.31	79.97	81.92	116.06	7.69	97.16	111.34	121.85	105.52	7.67	85.2	97.95	111.37
2019-03-05	75.71	5.59	63.43	70.09	79.65	118.63	8.58	97.48	112.18	126.56	107.23	7.37	88.84	100.93	113.4
2019-03-12	77.24	6.52	63.35	67.98	82.38	120.01	9.06	97.98	111.94	127.4	106.15	7.25	88.42	99.67	111.63
2019-03-19	77.15	5.79	63.49	72.71	79.72	121.94	9.92	96.89	113.86	128.26	107.59	7.35	89.59	101.42	113.18
2019-03-26	75.6	5.96	63.26	67.11	79.74	118.58	8.71	97.73	110.41	126.63	107.02	7.21	89.26	100.33	112.56
2019-04-02	76.62	6.29	63.27	70.07	82.04	116.04	8	95.76	110.13	122.97	105.39	7.03	88.04	99.43	111.32
2019-04-09	82.35	6.67	63.94	77.24	87.21	119.96	9.27	96.95	112.35	127.44	107.05	6.74	90.52	101.59	111.57
2019-04-16	79.88	7.16	63.39	73.37	85.59	120.61	9.13	98.3	112.35	128.16	107.67	7.25	89.84	101.75	112.94
2019-04-23	78.18	7.03	63.33	73.1	81.18	120.43	9.43	96.48	110.51	127.79	108.64	7.06	91.38	102.12	114.22
2019-04-30	77.82	6.37	63.31	71.55	80.12	119.14	9.2	95.87	111.38	126.28	105.63	6.4	90.66	100.91	111.85
2019-05-07	79.12	6.53	63.14	69.36	80.71	120.87	9.86	96.31	112.24	127.57	108.25	7.56	89.93	101.88	113.89

2019-05-14	81.64	7.43	63.33	73.66	85.66	119.27	8.73	98.3	111.59	126.66	108.9	6.98	91.16	103.72	114.57
2019-05-21															
2019-05-28	82.94	3.6	72.49	78.47	82.44	116.85	7.26	98.81	111.55	121.7	109.08	6.3	91.53	101.32	112.28
2019-06-04	80.07	5.41	65.4	74.57	81.89	117.32	7.64	98.8	110.94	124.42	107	6.39	92.26	102.28	112.89
2019-06-11	79.88	5.93	64.92	76.29	82.18	116.57	7.31	98.48	110.57	123.48	106.82	6.25	91.97	101.69	112.68
2019-06-18	81.97	4.51	66.89	78.07	81.53	117.54	7.51	98.87	110.57	123.21	107.1	6.31	92.44	101.74	112.74
2019-06-25	83.46	6.07	65.07	72.12	83.42	112.93	6.42	98.01	108.78	118.73	106.77	6.2	91.67	101.11	112.44
2019-07-02	80.76	5.29	65.92	75.25	83.59	118.38	9.21	94.67	111.16	125.77	107.35	6.93	90.34	101.96	113.9
2019-07-09	78.89	5.93	64.87	70.95	83.32	113.64	7.04	96.92	108.71	119.91	106.07	6.19	90.89	100.75	111.37
2019-07-16	80.63	5.67	65.21	73.53	83.89	115.1	8.4	93.49	109.69	121.81	106.67	6.59	90.13	102.46	112.25
2019-07-23	79.11	4.91	66.45	74.15	80.98	112.1	6.46	96.7	107.96	117.86	103.95	5.53	90.9	99.77	109.39
2019-07-30	80.46	6.14	65.27	73.29	85.52	119.36	9.23	95.62	109.69	127.28	107.87	7.02	90.81	102.85	114.76
2019-08-06	81.16	3.88	69.45	76.47	80.05	111.66	5.74	98.59	108.14	117.48	104.7	5.38	92.29	100.3	110.1
2019-08-13	83.8	5.66	66.06	74.71	84.49	111.85	5.44	99.22	106.88	117.84	104.84	4.55	94.53	101.82	110.65
2019-08-20	81.04	6.2	64.12	71.76	84.03	111.02	6.43	95.71	106.56	116.91	105.87	5.67	93.15	101.65	111.2
2019-08-27	81.04	6.91	63.31	70.09	84.04	113	7.25	95.33	107.93	119.67	107.21	6.64	90.76	102.57	113.58
2019-09-03	77.43	5.45	64.07	73.36	81.11	111.58	5.1	101.52	108.69	117	107.36	5.69	95.26	103.09	112.79
2019-09-10	82.36	8.35	63.31	69.13	89.15	111.21	5.71	97.45	107.58	117.58	106.44	5.67	93.26	101.85	112.35
2019-09-17	83.76	7.86	63.74	71.69	88.33	111.73	6.46	95.4	107.24	117.61	106.88	6.42	91.11	101.12	112.18
2019-09-24	79.06	6.58	63.5	72.47	84.18	112.69	7.11	95.3	108.08	118.2	106.27	6.76	89.83	101.04	112.02
2019-10-01	79.78	6.53	63.4	69.75	83.85	112.56	6.7	96.6	107.51	118.56	106.23	5.99	91.67	100.6	111.74
2019-10-08															
2019-10-15	81.66	8.18	63.7	71.84	87.02	109.47	7.22	92.38	104.36	115.62	104.95	7.83	85.05	97.04	111.16
2019-10-22	79.1	6.44	63.36	68.24	80.39	112.46	6.66	96.27	107.46	118.55	107.08	6.58	91.41	100.34	112.75
2019-10-29	76.79	5.78	63.47	71.52	79.94	112.91	7.02	96.14	108.15	119.19	108.13	7.15	90.96	101.72	113.73
2019-11-05															
2019-11-12															
2019-11-19															
2019-11-26	78.85	4.44	68.19	77.63	81.49	115.3	8.47	92.86	109.32	121.98	106.48	7.21	87.45	100.76	112.47
2019-12-03	84.29	6.84	64.71	69.96	85.36	110.73	6.77	94.84	105.84	117.03	107.04	7.7	87.11	98.09	112.76

2019-12-10	80.35	6.73	65.02	70.25	86.04	114.89	9.52	90.21	108.73	121.58	105.22	7.61	85.98	98.33	110.65
2019-12-17	83.38	8.58	65.03	72.33	90.82	112.29	7.47	93.97	107.44	118.63	106.26	7.15	88.55	99.01	112.02
2019-12-24	76.18	4.78	65.21	72.44	80.33	114.97	7.99	95.22	109.46	121.54	106.19	7	88.78	99.17	111.96
2020-01-01	83.16	6.92	65.62	79.78	89.34	109.31	7.78	89.63	104.82	115.07	102.91	7.56	83.11	95.4	109.05
2020-01-08	80.05	5.55	65.25	79.19	84.7	115.9	8.08	95.92	110.87	122.39	106.1	7.18	88.26	99.98	111.8
2020-01-15	77.51	5.58	65.06	74.54	81.29	112.12	7.8	91.77	106.9	117.98	105.63	8.41	84.29	97.9	111.74
2020-01-22	81.91	7.48	64.98	75.35	89	113.71	7.53	94.98	108.16	120.23	105.6	7.05	88.01	99.49	111.16
2020-01-29	82.71	8.14	64.93	74.73	90.21	109.98	7.15	93.07	104.78	115.97	106.56	7.75	87.23	97.51	112.31
2020-02-05	80.76	6.76	65.09	74.52	86.53	116.27	8.56	94.33	107.87	123.26	105.95	7.53	87.04	98.89	111.62
2020-02-12															
2020-02-19															
2020-02-26															
2020-03-04															
2020-03-11															
2020-03-18															
2020-03-25															
2020-04-01															
2020-04-08															
2020-04-15															
2020-04-22															
2020-04-29															
2020-05-06															
2020-05-13	77.59	6.6	63.34	71.33	80.76	108.94	7.71	89.64	104.58	115.04	105.17	7.83	84.31	96.89	110.39
2020-05-20	79.91	5.53	65.19	77.38	85.07	111.35	6.73	95.27	106.9	117.5	106.1	7.26	88.26	98.96	112.07
2020-05-27	80.24	6.27	63.34	75.54	80.8	112.27	7.14	93.9	107.97	117.67	106.04	6.88	88.8	99.19	111.58
2020-06-03	79.55	6.12	63.69	74.42	84.02	112.31	6.3	97.37	108.64	118.23	106.25	6.21	91.7	100.33	112.56
2020-06-10	77.47	6.18	63.19	70.19	81.89	110.28	6.48	94.02	106.51	115.62	105.34	6.43	89.4	99.07	110.6
2020-06-17	76.99	5.84	63.87	73.29	80.15	111.46	6.96	94.82	108.29	116.98	105.27	6.58	89.03	99.9	110.69
2020-06-24	77.61	5.4	64.6	75.55	80.76	111.14	6.94	95.13	106.98	116.7	104.69	6.59	88.57	98.96	110.58
2020-07-01	78.47	5.92	64.02	74.01	82.04	113.86	6.76	98.53	110.27	119.77	106.73	6.01	92.11	101.87	111.84

2020-07-08	82.38	6.02	64.74	72.73	84.01	115.39	8.4	93.06	107.62	123.31	105.72	6.59	88.05	100.86	110.64
2020-07-15	82.89	5.25	64.75	74.52	79.94	112.07	8.53	89.78	107.36	117.94	105.07	7	87.38	99.65	110.76
2020-07-22	78.72	5.64	64.43	76.72	80.64	112.18	6.32	97.28	108.02	118.07	105.06	6.26	90.08	100.35	111.25
2020-07-29	77.03	4.79	65.93	74.15	80.5	111.94	6.98	95.1	107.58	117.84	104.97	6.56	88.32	100.77	109.82
2020-08-05	79.72	5.53	64.8	74.6	82.08	110.69	6.37	95.7	106.3	116.92	104.9	6.02	89.95	100.08	110.18
2020-08-12	76.63	4.89	64.52	73.32	79.72	111.04	6.28	96.36	106.95	116.94	104.36	5.77	90.73	100.45	110.09
2020-08-19	81.02	6.96	63.97	70.81	86.97	112.26	6.81	95.86	107.32	118.39	105.73	5.57	92.67	101.4	110.91
2020-08-26	80.14	5.31	64.12	72.9	80.59	111.56	6.87	94.79	107.96	117.26	106.16	6.2	90.87	101.75	111.07
2020-09-02	81.13	5.95	63.84	73.12	81.05	111.16	6.04	97	107.86	116.63	104.76	5.91	89.55	100.89	109.99
2020-09-09	81.4	6.76	63.72	71.96	83.71	114.06	7.33	94.7	106.81	119.18	106.47	6.43	89.99	99.55	110.82
2020-09-16	81.64	6.62	63.96	71.01	84.59	116.67	7.92	97.73	110.03	123.64	107.82	6.67	91.24	101.48	112.99
2020-09-23	83.15	8.42	63.83	73.24	90.12	113.74	7.74	94.94	108.79	120.18	106.41	7	89.31	100.78	112.54
2020-09-30	79.29	6.72	63.85	72.05	83.97	113	6.71	97.24	108.75	119.33	106.74	6.95	89.91	101.53	112.32
2020-10-07	83.12	7.91	63.72	76.62	89.1	114.78	7.26	97.54	109.08	121.54	106.97	6.65	90.7	101.23	112.32
2020-10-14	79.77	6.1	64.53	76.78	83.85	122.96	8.73	99.3	111.85	127.72	107.32	6.77	91.16	101.24	113.55
2020-10-21	78.85	6.18	63.98	72.4	81.17	116.6	7.61	96.58	109.06	123.79	107.35	7.02	89.88	100.94	112.96
2020-10-28	78.59	6.99	63.55	68.91	85.07	110.26	6.74	94.27	106.62	116.03	106.51	7.99	86.31	98.6	112.1
2020-11-04	79.47	6.8	63.57	70.7	84.41	110.27	5.52	97.93	106.64	115.95	105.63	6.46	90.04	98.48	111.43
2020-11-11	80.65	6.61	64.64	76.14	86.71	112.45	7.01	94.99	107.61	118.09	106.21	6.9	89.42	99.33	112.11
2020-11-18	79.13	6.97	63.67	72.21	85.75	111.37	7.01	94.14	107.61	117.26	107.28	7.46	88.19	99.45	112.68
2020-11-25	78.51	6.81	63.49	71.22	84.08	111.51	7.87	91.3	106.14	117.62	106.3	7.81	86.01	98.08	111.97
2020-12-02	80.05	6.38	63.45	70.77	83.16	111.11	7.33	92.94	106.59	117.12	106.72	7.29	88.58	98.85	112.64
2020-12-09	80.85	6.86	63.83	74.47	85.48	112.31	7.51	93.98	106.8	119.05	107.44	8.28	86.07	99.59	113.93
2020-12-16	81.2	6.16	65.52	77.76	87.41	111.91	7.1	94.8	107.58	117.73	106.06	7.49	87.34	98.72	112.32
2020-12-23	76.81	5.18	64.61	73.69	81.29	110.86	7.48	90.84	106.61	116.27	105.54	7.9	84.42	97.96	111.85
2021-01-01	81.76	7.19	63.97	75.07	87.36	110.73	7.75	90.97	105.9	116.97	104.89	8.22	84.07	96.07	111.52
2021-01-08	78.85	3.95	69.88	77.83	82.78	111.73	5.57	99.67	107.45	118.32	107.64	7.48	88.34	99.07	113.26
2021-01-15															
2021-01-22															
2021-01-29															

2021-02-05															
2021-02-12															
2021-02-19															
2021-02-26	75.81	5.65	63.47	66.85	79.63	115.86	10.25	83.24	108.61	119.73	111	9.69	77.99	98.38	113.98
2021-03-05	77.19	6.27	63.61	71.77	82.09	113.66	8.45	92.71	108.4	119.78	107.13	8.3	85.76	100.08	113.34
2021-03-12	76.26	6.1	63.51	68.26	81.15	113.15	7.58	94.1	109	118.99	107.18	7.29	88.89	99.77	112.8
2021-03-19	81.4	7.03	63.78	76.89	84.9	112.86	7.43	95.44	108.37	118.62	106.38	6.83	89.4	99.62	111.54
2021-03-26	77.06	5.82	63.76	74.4	81.25	115.01	7.35	97.63	110.24	121.15	107.84	6.68	91.62	101.5	113.53
2021-04-02	77.5	6.11	63.69	76.23	81.27	115.79	7.66	97.78	110.17	121.57	106.59	6.86	90.19	100.7	113.2
2021-04-09	77.34	6.44	63.46	73.02	81.17	113.2	7.34	95.56	107.66	119.28	106.16	7.14	88.47	99.18	112.74
2021-04-16	75.3	5.36	63.33	68.91	78.49	112.96	7.27	95.76	107.9	118.8	107.28	6.99	89.65	100.61	112.18
2021-04-23	78.71	6.21	64.09	73.52	85.44	115.82	8.24	94.94	109.32	122.11	108.21	7.3	90.42	100.64	114.63
2021-04-30	79.22	6.14	63.71	73.65	82.92	117.37	8.13	97.5	110.91	123.85	109.37	7.44	91.63	102.12	116.09
2021-05-07	77.53	5.36	63.92	74.42	81.23	113.84	8.64	91.69	108.58	119.84	108.17	8.36	85.97	100.67	113.72
2021-05-14	78.66	5.23	65.02	75.56	81.36	114.78	8.22	95	109.57	120.71	107.14	6.99	90.11	100.74	112.64
2021-05-21	78.4	5.65	63.77	76.78	82.01	117.31	8.96	93.48	110.69	124.13	108.41	7.57	89.31	100.8	115.71
2021-05-28	79.12	6.55	63.32	73.08	81.42	119.9	8.72	96.88	110.49	124.79	109.32	7.44	91.26	102.48	115.48
2021-06-04	78.51	5.91	65.66	74.72	82.66	112.35	7.24	94.66	107.62	118.89	106.79	6.79	90.18	100.67	112.29
2021-06-11	79.26	6.27	65.25	69.13	84.35	116.78	7.69	97.49	109.35	121.94	108.92	7.18	91.96	102.6	115.02
2021-06-18	79.2	5.03	66.33	76.87	81.63	113.99	6.8	97.1	109.34	120.59	106.86	6.26	92.8	102.05	113.09
2021-06-25	79.59	6	65.31	73.7	82.63	118.03	8.93	96.11	109.8	125.12	111.06	8.32	90.28	103.31	117.88
2021-07-02	80	4.65	68.04	76.84	81.59	113.37	7.57	94.76	107.75	120.45	106.36	6.16	92.18	101.22	112.3
2021-07-09	81.98	3.21	73.79	79.5	82.48	118.12	8.1	98.64	110.79	125.11	109.88	7.51	91.75	103.15	116.01
2021-07-16	80.17	4.14	69.92	77.57	82.11	114.41	7.09	97.76	109.94	120.94	106.93	5.7	93.9	103.23	112.05
2021-07-23	81.54	4.3	69.87	77.16	82.37	118.33	8.51	98.18	111.27	125	110.73	7.4	92.84	104.21	117.11
2021-07-30	81.41	3.61	70.96	77.67	81.6	112.13	6.9	95.42	107.37	118.8	106.31	5.95	92.5	101.68	111.59
2021-08-06	81.84	6	65.98	74.72	83.37	116.96	7.98	97.52	110.25	124.11	109.15	7.27	91.21	103.73	115.52
2021-08-13	78.96	4.97	66.86	76.08	81.78	113.5	7.38	94.93	108.36	120.08	106.1	6.01	92.13	101.96	112.08
2021-08-20	80.74	5.48	65.59	72.99	81.26	118.54	8.89	96.23	109.34	126.25	109.71	7.06	93.07	102.99	116.55
2021-08-27	81.46	4.87	68.08	74.78	82.23	111.74	6.95	94.95	106.82	118.01	105.52	5.56	92.12	100.66	110.67

2021-09-03	81.25	6.14	65.2	71.05	83.06	115.59	8.33	94.61	107.59	122.95	107.27	6.33	92.09	101.4	113.24
2021-09-10	82.86	6.2	65.69	75.12	87.02	115.3	7.77	95.7	109.04	122.34	107.41	6.24	92.25	102.48	113.05
2021-09-17	83.96	7.72	65.58	74.17	90.78	115.74	7.75	96.82	108.14	123.61	107.21	6.47	92.04	101.7	113.59
2021-09-24	83.44	7.42	65.52	74.71	89	111.67	6.75	94.86	107.69	117.51	105.54	5.8	91.83	101.51	110.77
2021-10-01	83.42	7.13	65.52	73.62	86.96	114.19	7.13	97.07	108.56	121.07	107.51	6.56	92.51	101.95	113.67
2021-10-08	83.03	7.18	65.4	75.32	87.77	116.96	7.32	98.86	108.5	123.8	109.39	6.8	91.55	102.41	114.47
2021-10-15	81.36	7.72	63.85	72.49	88.52	112.24	6.79	95.33	107.16	118.11	106.8	6.96	89.7	100.13	112.34
2021-10-22	81.85	6.86	65.62	77.48	88.24	110.92	5.97	96.55	106.91	116.92	104.04	5.5	91.73	99.74	109.94
2021-10-29	81.46	6.09	65.33	77.41	86.79	111.11	6.15	95.95	107.01	116.93	106.27	6.56	89.84	99.79	112.03
2021-11-05	81.43	5.28	66.93	77.52	85.57	113.13	6.56	97.65	108.81	119.32	107.08	6.27	91.87	102.2	112.67
2021-11-12	85.15	6.77	66.74	78.43	91.95	111.33	7.11	93.59	106.44	117.16	108.9	7.26	88.61	98.87	112.4
2021-11-19	80.06	6.41	65.13	72.91	84.35	111.34	6.86	94.58	107.64	117.04	106.97	6.56	90.38	100.61	112.07
2021-11-26	84.37	8.61	64.2	77.98	91.34	110.82	7.51	92.15	105.23	116.95	104.3	7.05	86.26	97.75	109.7
2021-12-03	81.38	5.59	66.5	77.01	84.27	114.52	8.43	92.64	107.96	120.78	107.59	7.53	88.6	100.51	114.24
2021-12-10	82.01	6.3	66.19	77.8	88.19	111.15	6.61	94.97	106.1	116.71	105.68	6.79	89.2	99.45	111.8
2021-12-17	81.81	5.23	67.95	77.55	86.59	112.56	6.55	96.3	108.54	117.84	107.3	6.79	89.29	101.61	112.88
2021-12-24	79.45	4.66	67.52	78.07	82.41	110.89	7.78	92.05	105.95	116.67	104.24	7.12	86.26	98.4	109.88
2022-01-01	83.71	6.13	68.87	76.59	89.16	112.99	7.99	93.1	107.71	119.46	107.79	7.98	87.28	100.43	113.85
2022-01-08	83.59	8.25	64.23	74.29	91.38	111.67	5.92	97.45	106.92	116.66	107.07	6.42	91.75	100.77	112.79
2022-01-15	81.78	7.92	64.15	69.94	88.79	112.4	7.52	93.33	107.71	118.1	107.73	7.1	89.67	100.68	112.98
2022-01-22	77.87	4.73	64.81	75.55	80.5	110.95	7.31	91.92	106.88	116.46	105.92	7.24	86.56	99.35	111.64
2022-01-29	78.38	6.83	64.34	72.07	83.74	113.9	6.99	97.24	108.46	120.07	107.38	6.63	91.46	101.89	113.81
2022-02-05	79.43	6.59	63.86	71.32	81.72	111.08	6.46	95.5	106.26	116.94	105.9	6.31	90.6	99.56	111.79
2022-02-12	81.25	5.51	64.19	72.8	79.87	111.87	6.22	97.06	108.05	117.17	107.75	6.46	91.32	100.88	112.48
2022-02-19	81.87	6.07	64.81	76.56	83.19	110.08	6.56	94.22	105.96	115.8	106.75	6.5	90.69	99.29	112.22
2022-02-26	82.09	8.07	63.82	76.09	88.91	112	7.31	93.86	107.28	117.21	105.38	6.92	87.82	99.56	111.31
2022-03-05	77.45	6.1	63.47	70.91	81.2	111.54	6.81	94.37	106.65	116.68	106.3	7.33	88	99.9	112.16
2022-03-12	81.44	8.14	63.43	71.44	89.63	111.07	6.13	95.93	107.39	116.58	105.35	6.37	90.12	100.08	111.65
2022-03-19	78.65	7.09	63.39	74.23	83.46	110.95	5.97	97.15	107.05	116.69	105.95	6.47	90.71	100.26	112.15
2022-03-26	79.51	6.52	63.53	73.18	82.77	111.98	6.93	94.3	107.86	117.57	107.01	6.98	89.44	100.67	112.63

2022-04-02	80.41	7.18	63.92	77.24	86.28	110.88	5.2	99.61	107.31	116.6	106.58	6.14	92.27	100.15	112.27
2022-04-09	80.71	6.16	64.63	76.43	84.6	111.37	7.22	93.51	106.16	117.2	106.42	7.15	88.23	99.79	111.91
2022-04-16	77.7	6.55	63.36	73.37	81.83	111.66	6.38	96.72	107.6	117.54	105.36	6.24	91.25	100.43	110.75
2022-04-23	79.24	6.38	63.38	69.44	80.97	110.65	6.7	93.8	105.99	116.54	106.01	6.89	88.91	98.36	111.73
2022-04-30	79.26	6.9	63.32	73.6	84.51	111.33	6.24	96.45	107.07	117.11	106.19	6.31	91.04	99.72	111.45
2022-05-07	77.44	5.17	64.57	75.88	80.8	112.16	6.98	94	107.44	118.4	105.48	6.46	90.3	100.47	111.04
2022-05-14	79.91	6.6	63.76	76.31	84.93	112.77	6.46	97.61	108.12	118.82	105.35	6.3	90.9	100.7	111.77
2022-05-21	79.72	6.68	63.67	74.24	85.74	112.19	7.72	92.7	107.73	118.41	106.86	6.79	89.31	100.63	112.09
2022-05-28	78.77	6.88	63.23	71.68	83.82	112.53	6.14	97.53	108.64	118.04	106.29	6.18	91.47	101.06	112.43
2022-06-04	82.56	7.89	63.35	70.44	89.39	111.99	6.87	94.74	107.24	117.56	106.41	5.93	92.37	100.74	111.79
2022-06-11	80.56	5.78	64.37	76.24	82.93	112.78	6.32	98.22	108.76	118.77	107.46	5.84	93.28	102.43	112.26
2022-06-18	79.64	4.98	66.16	75.94	80.78	111.41	5.96	97.24	108.11	117.28	107.05	5.83	92.82	101.89	112.17
2022-06-25	78.24	6.21	63.21	70.48	80.87	111.77	6.72	95.47	107.9	116.87	107.23	6.4	89.5	100.45	111.02
2022-07-02	82.41	6.47	65.77	75.69	86.89	112.04	6.82	95.1	107.38	117.62	107.53	6.24	92.4	101.9	112.03
2022-07-09	82.74	5.43	67.43	77.06	84.13	114.24	6.72	98.12	109.32	120.72	107.19	5.83	92.99	103.42	112.77
2022-07-16	80.55	5.37	66.65	75.55	82.75	115.02	7.21	97.3	109.61	120.84	107.96	6.14	93.1	103.26	112.76
2022-07-23	80.35	5.69	65.44	75.61	82.55	118.25	8.3	98.55	109.82	124.97	112.4	7.99	92.89	104.59	119.19
2022-07-30	81.47	5.09	67.57	76.74	82.6	113.52	6.88	96.89	107.89	120.24	110.41	6.7	93.19	103.02	116.06
2022-08-06	79.82	5.74	65.62	71.95	82.29	113.7	6.05	99.64	109.32	119.65	107.12	5.35	94.69	103.68	112.11
2022-08-13	82.22	6.01	65.88	72.84	83.73	113.73	7.11	96.82	108.11	120.31	108.44	6.28	92.68	102.9	113.33
2022-08-20	79.9	4.68	68.22	75.79	82.22	112.28	6.02	98.45	108.68	118.03	106.16	5.38	93.27	103.03	110.97
2022-08-27	79.13	5.7	65.8	74.43	82.32	112.15	6.16	97.74	108.26	117.79	106.74	5.53	93.68	102.91	112.06
2022-09-03	79.97	5.82	65.62	74.12	82.64	113.42	6.36	98.15	109.13	118.86	107.62	5.71	93.22	102.98	111.41
2022-09-10	84.91	5.76	66.33	75.61	84.01	113.28	6.01	99.4	108.58	119.31	108.7	5.71	95.1	103.2	113.98
2022-09-17	84.04	6.59	65.2	74.38	85.12	112.56	6.26	97.43	108.32	118.32	106.94	5.84	93.49	102.46	112.53
2022-09-24	82.96	6.49	65.47	72.42	84.49	111.81	6.35	96.7	107.74	117.46	106.72	6.18	91.7	102.34	112.2
2022-10-01	82.5	6.25	65.36	72.52	83.3	112.38	6.07	97.89	108.3	117.82	106.98	6.02	92.26	102.78	112.12
2022-10-08	80.99	6.61	65.36	71.46	84.4	112.33	5.72	99.57	108.78	117.99	107.75	5.97	94.08	103.19	113.34
2022-10-15	80.65	6.12	65.33	72.57	82.21	112.72	7	95.33	107.35	117.82	107.19	6.07	91.07	100.57	111.05
2022-10-22	83.07	6.99	65.76	77.2	88.47	112.23	7.07	95.67	107.43	118.52	106.48	6.77	90.14	100.19	112.05

2022-10-29	86.56	9.78	65.42	76.52	93.42	112.74	7.47	93.94	107.87	118.49	106.62	7.39	88.25	99.95	111.98
2022-11-05	81.04	5.88	66.2	77.82	85.38	112.09	7.03	95.62	107.12	118.18	105.43	6.86	89.34	98.62	111.17
2022-11-12	78.81	4.63	66.66	76.7	81.46	111.45	6.61	95.72	107.26	116.87	105.46	6.46	89.75	99.7	110.73
2022-11-19	80.19	5.89	66.2	73.93	85.19	112.45	6.92	95.82	107.79	118.95	106.92	7.42	88.87	100	113.47
2022-11-26	80.62	4.81	68.29	78.35	83.79	113.73	7.27	96.53	108.81	119.8	106.93	7.13	90.07	100.68	113.33
2022-12-03	82.31	5.69	66.27	75.85	83.68	112.84	6.43	97.58	107.86	118.81	108.22	6.66	91.67	101.09	112.71
2022-12-10	79.98	6.01	65.4	71.89	81.87	111.92	6.97	95.21	107.89	117.69	106.04	6.66	89.64	101	111.58
2022-12-17	84.72	5.25	69.17	80.76	84.62	111.89	6.59	96.52	107.44	118.36	107.4	7.27	89.45	100.02	114.12
2022-12-24	82.65	5.78	67.98	79.13	88.76	113.41	8.24	93.54	107.28	120.24	108	8.56	86.39	99.18	114.64
2023-01-01	78.28	5.42	65.73	76.63	82.06	111.38	7.83	91.99	106.14	117.8	105.04	7.57	86.11	98.55	111.01
2023-01-08	80.95	6.28	65.79	77.05	86.43	111.76	8.02	90.56	107.89	117.93	106.77	7.8	86.24	99.8	112.37
2023-01-15	80.75	6.35	65.43	73.72	84.34	112.24	7.87	91.85	107.49	118.51	106.71	7.31	88.49	100.93	112.27
2023-01-22	79.32	5.99	65.65	73.4	83.58	113.74	6.8	97.91	108.69	120.2	109.48	7.45	90.38	102.05	113.98
2023-01-29	79.13	5.22	66.48	75.02	82.49	112.01	6.56	96.33	107.91	118.08	106.47	7.09	89.02	100.78	112.15
2023-02-05	80.89	6.62	65.49	76.03	87.18	110.87	7.34	93.17	105.71	117.02	104.92	7.12	87.79	98.27	111.21
2023-02-12	79.69	6.81	65.19	70.87	83.44	111.09	7.44	92.58	105.84	117.77	105.89	7.03	89.03	99.55	111.39
2023-02-19	80.82	4.94	67.04	80.95	83.06	113.04	7.48	95.68	108.13	119.43	107.27	7.28	89.37	100.53	112.9
2023-02-26	80.71	5.88	65.28	77.7	83.18	110.75	6.14	96.39	106.86	116.14	104.49	6.17	89.87	99.05	109.98
2023-03-05	81.62	6.72	65.19	73.75	82.81	109.99	7	92.86	105.77	115.92	105.8	7.04	88.75	98.82	111.35
2023-03-12	81.92	6.16	65.12	74.52	83.4	111.12	6.44	95.19	106.62	116.95	107.47	6.96	88.73	99.85	111.41
2023-03-19	80.96	6.67	65.26	75.01	84.13	112.55	6.75	95.98	108.32	118.55	105.87	6.43	90.35	100.35	111.4
2023-03-26	80.62	6.62	65.06	76.36	83.3	111.32	7.03	93.37	106.93	117.01	105.73	6.85	88.36	99.45	111.16
2023-04-02	80.29	6.62	65.01	74.05	83.1	110.49	6.89	93.03	106.14	116.27	105.78	7.15	87.58	98.42	111.37
2023-04-09	84.06	7.24	65.04	73	85.06	111.23	6.91	93.96	107.27	117.12	107.08	7.24	88.03	99.27	111.77
2023-04-16	80.15	6.27	65.2	73.69	83.07	110.98	7.49	92.05	106.5	116.94	105.78	7.41	86.52	98.76	111.32
2023-04-23	81.51	6.38	65.26	75.7	83.65	112.01	6.1	97.71	108.32	117.83	106.33	5.98	92.23	100.77	112.01
2023-04-30	82.07	6.33	65.33	76.69	85.47	111.09	6.83	94.03	106.26	117.01	105.28	6.26	90.28	99.62	111.21
2023-05-07	80.85	5.67	65.06	73.88	81.06	114.23	7.6	95.81	108.64	121.04	106.99	6.66	90.74	101.14	112.36
2023-05-14	86.19	6.53	65.14	76.3	82.99	112.17	6.91	95.65	107.35	118.02	105.96	6.29	90.75	100.92	111.02
2023-05-21	81.21	6.8	64.96	75.33	82.9	113.52	6.94	96.73	108.57	119.82	106.69	6.27	91.42	101.72	111.9

2023-05-28	82.03	3.2	73.81	80.26	82.54	110.79	6.73	92.98	106.84	116.84	104.68	6.21	89.39	99.28	110.84
2023-06-04	83.25	6.45	65.28	78.18	83.96	115.41	7.15	98.33	109.87	121.71	107.71	6.04	93.83	102.9	112.52
2023-06-11	80.85	6.19	65.29	76.51	82.59	111.39	6.28	96.17	107.5	117.11	104.67	6.06	90.68	100.25	110.36
2023-06-18	81.03	5.73	65.61	76.57	82.77	114.02	7.01	96.74	109.64	119.77	106.17	6.13	91.1	101.42	111.03
2023-06-25	82.07	3.79	71.75	80.2	82.86	111.25	5.91	97.81	107.35	117.17	105.83	5.84	91.89	100.66	111.14
2023-07-02	83.12	6.54	64.22	73.73	82.95	116.09	8.94	92.18	110.11	121.63	111.08	8.17	89.31	103.48	116.03
2023-07-09	77.53	3.67	68.56	76.52	80.12	112.29	6.23	98.41	107.54	118.78	105.86	6.04	92.75	101.13	112.3
2023-07-16	79.09	5.14	66.22	75.84	81.43	113.12	6.81	98.65	108.54	119.13	108.36	7.35	91.74	102.18	114.99
2023-07-23	79.4	5.63	65.13	74.21	83.13	111.04	6.76	95.28	106.58	117.05	105.9	5.97	91.81	100.89	112.53
2023-07-30	78.68	4.08	67.75	74.6	80.1	115.73	7.9	96.45	109.43	122.21	111.22	8.21	92.11	103.57	117.84
2023-08-06	79.5	4.61	67.42	74.32	81.22	111.55	6.31	96.56	107.57	117.42	105.97	5.59	92.42	102.11	110.38
2023-08-13	76.83	5.66	63.76	68.15	80.24	113.74	6.8	98.36	108.1	119.51	106.5	6.27	91.81	102.07	111.77
2023-08-20	77.69	5.75	63.98	71.41	80	110.73	6.8	94.88	106.23	116.56	105.31	6.12	90.89	100.22	110.46
2023-08-27	78.26	5.47	64.23	73.23	81.08	113.63	7.27	96.12	109.19	119.78	107.04	6.56	91.56	102.01	112.54
2023-09-03	78.57	5.01	65.39	71.77	81.22	112.09	6.23	97.28	108.12	117.92	106.43	5.99	92.49	102.25	112
2023-09-10	80.35	5.63	63.98	70	80.44	111.68	5.82	98.32	108.12	116.87	106.72	6.38	91.09	101.44	111.59
2023-09-17	81.09	5.83	64.22	71.96	80.88	111.53	6.42	96.23	107.7	117.16	105.96	6.15	91.97	100.91	111.64
2023-09-24	78.91	6.86	63.85	71.53	84.71	112.03	6.04	98.41	107.66	118.08	106.33	6.3	91.95	101.01	112.37
2023-10-01	81.61	6.24	64.05	71.05	82.67	112.8	6.05	99.12	108.82	118.75	108.01	6.51	92.43	103.45	113.71
2023-10-08	79.06	6.27	64.08	72.52	83.06	111.01	6.16	96.67	106.42	116.84	105.48	6.83	89.69	99.99	111.77
2023-10-15	79.95	6.61	64.34	69.76	84.67	113.67	5.96	96.02	105.33	115.56	105.95	6.25	89.11	97.97	109.78
2023-10-22	80.67	7.08	64.48	72.87	87.15	110.07	6.14	95.71	105.34	115.92	105.32	6.31	89.59	98.63	110.33
2023-10-29	80.99	6.78	64.64	73.79	88	111.66	7.24	93.75	106.59	117.39	106.03	7.41	87.23	98.9	112.46
2023-11-05	78.64	6.37	64.48	72.83	83.87	109.23	7.19	91.4	102.51	115.21	104.23	7.12	86.2	95.3	109.96
2023-11-12	78.72	5.57	65.1	73.67	83.21	110.51	6.8	94.45	105.92	116.28	106.34	6.89	88.17	98.48	110.51
2023-11-19	80.08	6.8	64.5	72.1	83.26	109.53	7	92.13	105.13	115.21	105.72	7.44	85.13	98.24	111.22
2023-11-26	79	5.62	65.7	74.52	84.83	111.67	6.39	96.2	106.86	117.17	106.03	6.86	89.47	98.32	111.99
2023-12-03	81.4	7.87	64.12	74.57	88.19	110.73	7.58	91.66	105.27	116.73	106.15	8.07	85.14	97.49	111.78
2023-12-10	78.34	5.89	64.57	72.96	84.26	110.87	6.54	95.67	106.38	116.67	108.29	7.76	87.76	100.05	112.8
2023-12-17	80.15	6.6	64.11	73.45	83.03	110.87	6.05	96.63	106.6	116.36	105.5	6.66	89.09	98.79	111.29

2023-12-24	78.03	5.29	65.15	76.29	81.9	108.08	6.96	91.49	103.62	114.19	103.69	7.38	84.29	95.83	109.28
2024-01-01	78.4	6.13	64.41	74.51	83.24	109.94	7.44	91.35	104.62	115.79	104.09	7.13	86.15	96.01	109.56
2024-01-08	82.07	5.22	67.04	80.07	84.42	111.44	6.89	94.32	107.38	117.41	105.56	6.53	89.73	99.68	111.61
2024-01-15	82.2	4.52	71.75	77.78	86.54	109.57	6.46	94.05	105.3	115.65	105.19	7.37	85.56	97.21	111.23
2024-01-22	83.11	8.51	63.99	71.85	91.36	109.48	5.62	96.66	105.73	115.03	105.93	6.29	89.62	98.3	109.9
2024-01-29	76.79	6.16	63.85	68.63	80.48	109.74	6.29	94.88	105.26	115.69	105.33	6.86	88.26	98.39	111.03
2024-02-05	79.96	6.16	64.07	73.45	84.51	111.58	6.34	96.38	107.55	117.12	107.31	7.16	89.2	99.43	113.26
2024-02-12	78.5	5.25	65.18	78.04	81.52	110.26	6.92	93.73	106.1	116.08	105.93	7.57	86.53	98.5	111.82
2024-02-19	80.56	6.6	63.98	72.76	83.77	110.51	5.94	96.32	106.77	115.99	105.61	6.7	89.09	98.09	111.18
2024-02-26	79.06	6.47	63.37	75.49	84.44	110.61	7.31	92.14	104.89	116.33	107.54	7.21	87.43	97.39	110.93
2024-03-04	76.55	6.03	63.15	70.69	80.72	112.63	7.3	95.35	106.53	119.36	108.12	7.75	89.75	101.65	114.01
2024-03-11	77.16	6.35	62.82	70.77	81.69	110.68	5.89	96.53	107.07	116.6	106.48	6.89	89.78	101.45	111.78
2024-03-18	78.32	7.24	62.74	68.46	85.28	111.33	6.05	97.4	107.88	117.04	105.51	6.54	90.8	100.16	111.19
2024-03-25	76.22	6.47	62.62	68.05	79.68	110.97	6.81	93.83	105.89	116.59	105.91	7.4	87.21	99.64	111.84
2024-04-01	76.32	5.63	63	72.72	80.29	111.76	5.85	98.21	108.1	117.31	106.96	6.15	92.51	102.51	111.6
2024-04-08	79.28	7.08	62.8	71.78	85.65	113.71	7.07	97.21	107.79	120.22	107.88	7.06	91.31	102.43	114.07
2024-04-15	79.3	6.46	62.74	74.78	80.48	110.78	6.72	93.9	106.75	116.46	106.55	6.72	89.89	101.59	111.68
2024-04-22	79.81	6.54	62.86	74.47	84.21	111.79	6.46	96.13	106.83	118.17	106	6.55	90.38	101.06	111.5
2024-04-29	81.05	6.09	62.77	73.2	79.72	111.79	6.73	95.77	107.09	117.86	106.53	6.44	91.69	101.54	111.9
2024-05-06	77.81	6.07	62.79	74.71	80.92	115.76	7.4	97.89	109.21	122.74	108.48	6.89	92.09	103.27	115.22
2024-05-13	80.76	4	69.01	77.89	80.46	112.33	7.28	93.31	108.11	118.08	105.72	6.53	89.51	100.72	110.77
2024-05-20	82.55	5.85	65.7	76.64	87.4	113.81	7.27	95.96	108.65	120.39	107.67	6.87	90.66	101.94	113.3
2024-05-27	78.34	6.9	62.55	71.67	83.66	113.5	6.97	96.56	108.78	119.99	106.48	6.63	90.68	102.24	111.9
2024-06-03	80.42	6.95	62.76	73.81	84.31	116.3	7.81	98.31	109.47	123.49	109.43	7.48	92.26	102.97	115.78
2024-06-10	77.68	4.76	66.19	74.97	80.88	112.34	6.39	97.46	107.7	118.83	106.41	6.09	93.01	101.45	112.54
2024-06-17	80.81	5.83	63.64	73.15	79.9	113.89	6.62	98.19	109.58	120.17	106.93	6.03	93.43	103.09	112.26
2024-06-24	78.15	5.72	63.32	71.8	80.42	114.86	7.31	97.04	108.37	121.84	107.2	6.13	93.01	102.19	112.79
2024-07-01	78.69	6.2	62.96	71.91	80.53	114.53	8.2	93.51	108.12	121.17	109.28	6.9	90.22	102.42	111.84
2024-07-08	78.54	5.13	66.85	73.72	82.07	113.94	7.97	93.87	107.21	120.89	106.99	6.32	90.51	101.86	112.03
2024-07-15	80.69	4.53	68.56	76.97	82.02	113.04	6.7	97.24	107.65	119.75	105.16	5.45	92.48	101.6	110.35

2024-07-22	81.76	4.88	68.47	78.15	83	116.39	7.49	97.8	108.91	123.66	106.6	5.75	93.47	102.43	112.4
2024-07-29	82.85	6.29	66.22	73.55	86	116.38	7.65	97.39	109.17	123.31	107.1	6.07	92.93	103.32	112.92
2024-08-05	81.65	4.96	67.76	76.24	82.09	113.04	7.12	96.17	107.58	118.53	105.39	5.67	92.36	101.77	110.47
2024-08-12	80.41	5.06	67.19	75.79	83.02	113.76	7.29	96.33	108.08	120.5	106	5.61	92.29	101.96	110.71
2024-08-19	82.29	7.06	66.08	73.25	88.29	117.4	7.72	98.46	108.58	125.09	106.87	5.97	93.19	102.11	113.23
2024-08-26	81.77	6.76	65.94	72.03	86.46	114.48	7.45	96.34	108.61	121.19	106.1	5.86	92.35	102.51	111.38
2024-09-02	82.47	5.98	66.05	71.8	83.59	113.53	6.79	97.68	107.79	119.73	105.5	5.55	92.4	101.92	110.59
2024-09-09	84.61	6.06	66.12	74.15	85.64	114.14	7.78	95.41	107.14	120.98	106	6.02	91.55	101.32	110.72
2024-09-16	83.91	6.3	66.19	73.32	85.52	116.91	7.43	99.14	109.37	123.9	107.04	5.77	93.49	102.93	112.65
2024-09-23	83.36	7.37	66.07	75.07	89.72	114.52	7.53	96.23	108.05	120.78	105.89	6.47	90.73	100.94	111.61
2024-09-30	82.3	6.49	66.12	73.9	87.21	112.39	6.28	97.71	108.2	118.21	106.38	6.06	91.22	102.08	111.99
2024-10-07	82.28	6.98	63.39	70.87	86.01	112.87	6.45	97.31	108.35	117.94	107.95	5.81	92.3	101.63	111.56
2024-10-14	83.55	8.98	63.48	71.22	90.65	114.04	6.53	98.37	108.31	120.48	106.33	6.12	92.35	100.55	112.07
2024-10-21	81.79	7.26	63.4	71.49	85.76	112.24	6.93	95.95	107.37	118.45	106.34	6.57	90.05	100.09	111.88
2024-10-28	79.3	7.09	63.41	70.55	85.72	111.24	6.53	95.98	106.82	117.14	105.55	6.6	89.9	99.84	112.12
2024-11-04	80.66	7.86	63.35	70.66	87.79	111.9	7.18	93.77	107.62	117.95	106.26	6.71	89.21	100.15	111.59
2024-11-11	83.02	7.81	63.96	76.56	87.98	112.83	6.54	97.79	107.38	119.31	105.17	6.52	89.57	99.58	111.03
2024-11-18	80.02	6.28	64.2	75.67	84.74	114.81	6.92	98.2	110.17	120.68	110.37	7.09	92.48	102.4	115.63
2024-11-25	79.98	6.82	63.51	70.08	83.91	111.54	6.26	97.09	107.5	117.61	106.65	6.48	90.6	99.83	112.56
2024-12-02	81.99	6.44	65.43	74.1	88.34	113.3	6.6	97.74	107.98	119.46	106.72	6.3	91.62	100.22	112.05
2024-12-09	79.43	5.42	65.06	74.91	82.43	113.46	6.43	98.45	108.16	119.56	106.4	6.38	91.56	100.35	112.35
2024-12-16	79.63	6.65	63.63	75.85	85.24	113.53	7.43	95.32	108.42	119.98	106.56	7.33	88.63	99.67	112.56
2024-12-23	79.47	5.99	64.42	76.6	84.07	111.26	6.82	94.59	106.5	117.44	105.41	6.89	88.17	98.09	111.46

Table 14a: Haro Strait weekly sound pressure levels (SPL) in decibels (dB). Mean (Avg) and standard deviation (Std), Q₅, Q₅₀ and Q₉₅ levels for broadband and SRKW echolocation and communication ranges are given.

Date	Avg 10- 100000 Hz	Std 10- 100000 Hz	Q5 10- 100000 Hz	Q50 10- 100000 Hz	Q95 10- 100000 Hz	Avg 15000- 100000 Hz	Std 15000- 100000 Hz	Q5 15000- 100000 Hz	Q50 15000- 100000 Hz	Q95 15000- 100000 Hz	Avg 500- 15000 Hz	Std 500- 15000 Hz	Q5 500- 15000 Hz	Q50 500- 15000 Hz	Q95 500- 15000 Hz
2019-01-01	126.23	11.68	95.48	111.97	133.16	92.77	5.17	82.73	87.6	97.62	108.46	8.35	85.53	99.87	114.06
2019-01-08	123.37	11.35	93.35	111.27	129.88	91.65	4.23	82.82	86.69	95.56	108.03	8.04	86.43	98.19	114.68
2019-01-15	126.81	11.24	96.91	112.69	133.08	92.68	4.54	83.19	88.35	97.72	108.52	7.53	89.35	101.2	115.19
2019-01-22	127.26	10.94	96.48	114.49	132.61	92.43	5.27	82.52	86.19	98.11	108.81	8.64	86.05	100.43	115.79
2019-01-29	125.01	11.23	95.74	113.69	131.02	92.79	4.79	82.65	86.87	97.55	108.38	8.49	86.66	98.72	115.02
2019-02-05	123.36	10.31	94.44	111.64	129.47	92.48	4.62	82.59	88.58	94.91	108.44	9.17	84.35	101.63	114.54
2019-02-12	123.75	10.8	95.71	109.95	130.09	91.24	4.29	82.68	87.46	95.74	106.38	7.28	87.53	98.63	113.51
2019-02-19	125	9.72	99.87	114.89	131.43	93.09	4.54	82.83	88.76	97.56	109.44	7.46	88.71	101.16	115.08
2019-02-26	121.59	8.54	102.07	111.01	127.89	93.28	2.79	88.07	91.55	95.99	108.3	4.56	98.77	103.82	114.94
2019-03-05	126.7	10.52	97.19	114.3	132.05	93.69	4.98	83.18	85.65	98.52	110.94	9.11	85.67	99.51	116.45
2019-03-12	124.04	11.51	93.78	110.99	130.26	91.53	4.46	83.11	85.5	96.7	108.05	9.05	83.6	97.28	115.17
2019-03-19	129.76	10.21	101.18	118.48	135.25	95.36	4.75	83.42	86.34	97.84	109.27	8.57	87.22	98.69	115.85
2019-03-26	124.67	11.48	93.96	111.45	130.5	92.36	4.8	83.06	85.05	98.17	109.24	9.59	83.1	98.08	115.94
2019-04-02	123.25	10.35	95.58	112.75	129.54	96.56	4.68	83.3	86.88	97.12	110.79	9.03	84.55	100.41	115.57
2019-04-09	125.41	10.97	97.71	114.61	132.21	93.92	4.6	83.9	89.36	98.78	109.81	7.56	91.05	101.12	116.19
2019-04-16	125.98	10.94	97.28	116.91	132.43	93.48	5.31	83.22	86.1	100.18	109.02	8.91	85.97	99.09	115.66
2019-04-23	124.69	10.83	94.74	110.35	130.05	92.54	4.9	83.1	85.38	97.35	108.9	9.12	84.75	100.21	115.75
2019-04-30	122.66	10.28	95.45	111.01	129.1	93.54	4.69	83.05	85.22	96.46	109.5	9.14	84.49	101.14	116.17
2019-05-07	125.83	12.07	93.94	114.5	132.57	96.45	4.93	83.21	85.57	97.75	110.6	9.14	86.6	100.24	117.07
2019-05-14	127.43	11.69	94.05	114.14	131.99	92.48	4.74	83.26	86.18	97.73	109.56	9.1	85.26	100.1	116.16
2019-05-21	127.33	11.61	94.65	112.46	132.84	96.01	6.07	83.09	85.37	100.76	109.6	9.3	85.06	100.9	116.51
2019-05-28	121.68	9.58	96.13	110.52	128.16	93.5	4.82	83.21	86.74	98.18	109.64	7.54	90.45	102.08	115.79
2019-06-04	124.26	10.43	97.34	113.02	131.01	94.99	5.04	83.47	87.21	99.09	110.25	7.76	90.77	101.56	116.69
2019-06-11	122.3	11.06	92.78	109.85	128.71	93.65	4.89	83.29	85.37	97.52	110.64	8.97	86.32	101.2	115.91
2019-06-18	123.39	10.52	96.31	111.87	130.34	95.6	4.6	83.8	89.33	98.4	110.05	7	92.36	103.42	116.22

2019-06-25	121.22	10.9	91.51	108.69	127.63	93.57	5.14	83.13	85.12	98.78	109.71	9.44	84.36	100.84	116.31
2019-07-02	126.38	11.28	96.56	113.63	132.71	95.87	5.36	83.78	88.29	101.22	109.53	8.06	88	103.14	115.5
2019-07-09	118.95	9.67	93.45	108.75	125.07	92.87	4.79	83.32	85.21	97.9	108.26	8.99	83.95	100.98	114.53
2019-07-16	121.18	10.24	93.56	110.56	127.32	96.09	4.81	83.47	86.23	97.31	108.89	8.52	85.98	100.84	114.71
2019-07-23	119.62	10.05	91.28	107.62	125.9	92.97	4.65	83.12	85.73	96.8	109.8	8.87	84.26	102.06	115.21
2019-07-30	124.1	10.99	94.34	112.61	130.86	94.89	5.12	83.53	87.35	99.06	109.23	8.85	84.43	102.15	115.48
2019-08-06	120.62	9.75	93.88	108.23	126.67	94.21	4.49	83.28	86.21	96.88	110.51	8.06	88.51	101.16	115.28
2019-08-13	119.44	9.71	93.87	110.44	125.9	91.99	4.47	83.18	85.61	96.79	108.32	8.62	85.44	102.14	114.57
2019-08-20	118.19	9.76	90.88	107.93	124.54	91.66	4.52	82.78	84.51	96.55	108.84	8.84	84.06	101.71	114.35
2019-08-27	121.81	10.36	93.66	112.39	128.22	95.03	5.09	82.83	85.61	97.51	110.15	9.21	85.52	102.9	115.93
2019-09-03	120.31	9.63	94.95	110.5	126.45	92.53	4.34	82.96	86.27	95.96	108.97	8.35	86.98	101.56	114.93
2019-09-10	119.23	9.72	92.82	108.69	125.72	94.18	5.46	82.84	84.66	99.92	108.14	8.69	86.25	100.74	114.99
2019-09-17	119.17	9.94	92.3	106.91	125.75	91.7	5.04	82.73	84.94	97.73	108.64	8.88	84.88	100.56	115.02
2019-09-24	119.79	9.93	93.92	110.67	125.9	92.06	4.55	82.96	86.32	97.48	106.85	7.78	86.6	99.9	113.3
2019-10-01	120.12	11.06	88.88	107.8	126.24	92.18	4.93	82.73	85.08	97.65	108.05	9.18	82.12	98.99	114.48
2019-10-08	118.79	10.57	89.86	105.36	125.56	91.1	4.18	82.78	85.29	94.8	107.8	8.76	83.7	98.81	114.78
2019-10-15	119.52	10	92.64	106.03	125.91	92.63	4.86	82.92	87.5	98.52	107.58	7.69	87.99	99.03	114.06
2019-10-22	122	11.02	91.44	109.4	127.73	94.54	5.09	82.85	85.45	98.19	108.61	9.08	84.48	99.04	115.52
2019-10-29	122.37	12.11	89.21	108.18	129.36	95.29	5.02	82.73	84.66	98.19	109.62	9.91	81.82	97.35	115.56
2019-11-05	120.27	12.28	87.97	103.77	126.76	89.91	4.07	82.7	83.79	94.77	107.9	9.96	80.56	95.03	114.46
2019-11-12	122.14	11.1	93.76	109.77	128.78	93.3	5.22	82.84	86.82	98.84	108.86	8.63	85.67	98.86	115.98
2019-11-19	123.15	10.46	95.43	110.4	129.57	94.31	5.31	83.05	86.96	99.71	110.07	8.32	88.75	100.93	116.81
2019-11-26	123.64	11.28	93.41	110.61	130.91	93.12	4.84	82.77	88.87	97.98	108.99	7.94	87.91	101.26	114.99
2019-12-03	119.78	11.32	89.84	105.24	126.54	91	4.48	82.29	84.88	95.67	107.67	9.82	80.07	96.67	114.85
2019-12-10	122.44	11.93	90.81	109.39	129.63	91.91	5.1	82.36	86.19	97.19	107.47	8.97	83.93	97.81	114.47
2019-12-17	122.37	10.17	95	109.98	128.13	94.34	5.15	83.41	90.07	100.51	108.82	7.42	90.65	100.69	114.93
2019-12-24	122.49	11.94	90.71	108.25	128.93	91.91	4.68	82.51	87.32	96.8	107.68	8.66	82.99	97.82	113.7
2020-01-01	120.52	8.56	98.43	107.29	126.76	93.54	3.9	84.76	91.42	98.77	107.63	5.58	94.21	102.87	112.84
2020-01-08	122.4	10.21	96.75	110.34	129.05	93.59	4.66	82.91	90.36	98.25	108.32	7.16	90.62	101.66	114.58
2020-01-15	120.84	9.82	95.05	108.32	127.88	91.91	4.04	82.85	89.01	94.33	107.33	7.4	89.18	100.94	113.24

2020-01-22	121.79	10.54	93.9	109.2	128.3	93.84	5	82.81	89.63	98.82	109.47	7.94	87.51	100.91	114.47
2020-01-29	121.85	10.55	92.59	105.3	127.61	93.49	5.35	82.6	88.56	99.81	107.16	7.71	86.99	99.48	114.08
2020-02-05	123.08	10.77	94.31	110.35	129.08	94.76	5.82	82.63	89.31	100.53	108.19	8.37	86.1	100.24	114.9
2020-02-12	121.53	10.58	92.28	107.49	127.74	91.52	4.44	82.42	87.91	95.64	108.17	8.41	85.39	100.01	115.11
2020-02-19	122.09	10.02	96.09	111.68	128.9	91.98	4.59	82.52	86.76	96.34	108.88	8.06	89.1	100.41	115.38
2020-02-26	122	11.03	91.83	108.09	128.13	92.44	4.92	82.3	86.1	97.32	108.24	8.65	85.83	99.14	115.18
2020-03-04	121.67	11.27	92.3	109.53	128.61	91.34	4.63	82.36	85.53	96.03	107.62	8.72	85.14	97.81	114.86
2020-03-11	123.96	9.29	99.57	112.8	129.21	92.85	4.61	82.7	87.18	96.31	108.59	7.09	91.39	100.7	114.66
2020-03-18															
2020-03-25															
2020-04-01															
2020-04-08															
2020-04-15															
2020-04-22															
2020-04-29															
2020-05-06															
2020-05-13															
2020-05-20															
2020-05-27															
2020-06-03															
2020-06-10															
2020-06-17															
2020-06-24															
2020-07-01															
2020-07-08															
2020-07-15	128.33	11.31	91.42	110.41	127.92	98.24	3.93	84.81	86.61	95.12	110.03	9.5	81.74	98.37	113.87
2020-07-22	124.4	9.7	98.69	112.41	130.72	93.03	3.86	85.41	87.62	95.84	108.82	7.84	87.46	101.65	114.58
2020-07-29	122.71	10.69	94.29	110.36	129.27	92.07	3.51	85.36	87.16	95.14	107.58	8.49	84.63	99.87	113.91
2020-08-05	121.3	9.95	94.85	109.68	127.99	93.88	4.15	85.33	87.32	97.98	107.7	8.26	84.29	100.41	112.96
2020-08-12	119.69	9.46	94.33	110.53	126.05	91.32	3.58	85.19	86.57	95.29	107.59	8.87	83.09	100.11	113.58

2020-08-19	126.77	10.51	100.24	114.98	133.88	92.91	4.25	85.47	87.45	97.99	107.83	8.3	85.71	101.53	114.17
2020-08-26	120.2	8.42	98.49	111.97	126.05	91	3.42	85.33	86.74	95.23	107.17	8.24	86.32	101.53	113.43
2020-09-02	120.25	9.08	96.06	110.5	126.5	92.4	3.77	85.26	86.57	95.86	109.49	9.4	83.51	101.19	114.66
2020-09-09	117.57	8.78	94.33	108.64	124.34	94.74	4.14	85.22	86.32	96.85	109.17	9.04	83.39	99.22	114.02
2020-09-16	128.02	11.24	98.38	116.75	135.61	93.35	4.1	85.4	86.94	98.14	108.43	8.58	84.9	99.13	113.85
2020-09-23	121.55	9.84	95.97	110.98	127.89	94.24	4.78	85.43	87.66	100.33	108.39	7.93	88.17	100.57	113.96
2020-09-30	120.1	10.03	92.08	111.07	126.05	91.39	3.57	85.39	86.03	95.51	107.61	9.8	80.67	99.02	114.49
2020-10-07	120.47	9.47	95.62	109.91	126.87	94.5	4.79	85.43	88.78	100.28	108.94	8.09	87.48	102	114.89
2020-10-14	127.55	9.44	102.55	116.6	133.3	94.46	4.48	85.67	89.09	99.74	108.59	7.4	89.57	102.35	114.44
2020-10-21	123.15	9.6	96.66	110.4	127.61	93.63	4.17	85.55	88.71	97.49	108.02	8.01	85.66	101.64	114.08
2020-10-28	121.46	10.39	91.62	110.43	127.63	99.63	5.51	82.75	85.84	99.92	109.37	8.63	85.11	100.55	115.28
2020-11-04	122.01	10.92	92.26	109.33	128.77	92.6	4.85	82.79	88.26	97.88	108.56	8.47	85.66	101.19	115.2
2020-11-11	123.82	10.15	96.84	112.39	130.96	94.3	4.9	83.08	90.53	98.8	108.77	7.43	87.79	102.62	114.33
2020-11-18	122.98	10.82	94.19	110.89	129.9	92.36	4.68	82.99	87.84	97.83	109.4	8.28	88.1	100	115.89
2020-11-25	123.25	11.06	93.61	109.6	130.26	92.1	4.75	82.83	87.71	96.57	108.53	8.64	84.14	100.45	114.45
2020-12-02	122.61	11.14	92.62	110.1	129.25	92.78	4.7	82.86	86.14	97.23	108.77	8.68	85.8	98.73	115.54
2020-12-09	123.92	11.13	94.05	111.57	131.29	93.51	5.31	82.96	87.06	99.07	109.2	8.69	86.47	99.49	115.89
2020-12-16	123.34	9.91	97.41	111.38	130.38	94.47	5.03	83.28	90.99	100.4	109.08	7.01	90.41	102.12	114.24
2020-12-23	121.25	10.96	91.81	107.5	127.27	91.38	4.33	82.83	86.46	95.3	107.61	8.49	84.98	97.51	114.12
2021-01-01	122.3	10.23	96.03	110.54	129.48	92.79	4.81	82.99	89.64	98.35	107.76	7.76	88.37	101.23	113.84
2021-01-08	123.42	11.17	93.09	110.27	130.49	94.08	5.27	83.03	89.04	99.43	108.28	8.62	85.48	101.05	114.69
2021-01-15	122.62	11.29	92.31	109.79	129.16	92.92	4.79	82.85	85	97.27	109.78	9.6	84.56	96.96	116.05
2021-01-22	122.53	9.97	97.19	109.72	129.07	93.04	4.25	83.37	89	97.01	110.06	7.12	91.67	101.77	116.43
2021-01-29	124.85	10.92	96.31	113.12	131.25	94.05	5.01	83.17	89.65	99.49	108.67	7.83	88.1	99.86	115.53
2021-02-05	122.66	10.13	97.08	111.43	129.33	94.07	4.48	83.25	88.65	96.86	110.15	7.77	87.42	100.64	115.03
2021-02-12	122.07	11	91.9	107.57	128.12	92.54	4.55	83.13	89.34	97.37	107.11	8.07	84.18	100.05	113.24
2021-02-19	122.55	9.81	98.01	108.58	129.03	93.22	4.14	83.81	89.7	97.76	110.06	6.31	94.18	101.69	114.97
2021-02-26	122.86	10.14	97.53	111.92	129.48	92.47	4.75	83.23	86.9	97.02	108.44	7.87	87.19	100.49	115.25
2021-03-05	122.66	10.41	95.78	109.32	129.16	91.87	4.42	83.29	87.74	95.95	108.02	7.54	88.7	100.65	115
2021-03-12	122.71	10.71	93.93	111.14	129.22	92.28	4.58	83.17	84.49	95.83	108.81	9.76	82.75	98.51	115.31

2021-03-19	122.56	9.84	95.4	106.97	128.1	92.84	4.37	83.34	89.51	96.84	108.19	7.61	88.21	101.14	114.03
2021-03-26	124.35	10.48	96.21	114.64	130.82	92.57	4.65	83.43	86.17	97.43	108.69	8.6	86.82	98.85	115.39
2021-04-02	122.62	10.69	94.54	109.17	128.93	93.33	4.53	83.17	86.52	96.9	108.96	8.35	87.57	99.1	115.33
2021-04-09	121.28	9.94	93.62	108.68	126.83	92.29	4.24	83.14	86.59	95.41	108.27	8.32	85.57	99.43	114.38
2021-04-16	121.71	11.2	91.1	107.48	127.81	93.8	4.33	83	83.64	95.07	109.57	9.52	84.12	97.27	115.26
2021-04-23	123.61	10.3	95.5	110.45	129.63	94.2	5.58	83.22	86.71	100.2	108.69	8.6	86.21	98.05	115.48
2021-04-30	124.54	11.17	95.21	113.07	131.29	93.4	5	83.31	85.83	98.25	109.02	8.68	86.35	100.07	115.92
2021-05-07	121.77	10.68	92.06	109.59	127.75	91.44	4.54	83.11	84.86	96.12	108.65	9.45	83.27	99.26	115.44
2021-05-14	121.35	10.81	92.66	109.41	128.09	92.93	4.63	83.15	85.28	97.09	109.44	9.22	84.9	99.91	116.45
2021-05-21	123.85	10.58	95.88	110.38	130.32	92.2	4.53	83.27	85.84	97.31	108.54	8.28	86.53	100.11	115.42
2021-05-28	125.29	11.46	94.83	112.77	132.78	93.6	5.15	83.28	85.97	98.51	109.8	8.92	84.79	101.11	115.59
2021-06-04	124.15	10.4	95.17	110.63	129.58	103.93	6.07	82.71	87.34	100.13	113.07	8.95	86.29	101.9	117.28
2021-06-11	124.83	12.54	91.63	113.6	131.07	93.27	5.12	82.72	84.78	98.45	109.92	9.7	83.12	99.66	115.86
2021-06-18	122.34	10.42	95.57	111.94	129.18	92.72	4.65	82.84	85.14	96.75	109.38	8.3	87.29	100.85	115.78
2021-06-25	126.98	11.51	98.48	114.56	134.19	92.94	5.04	82.87	86.92	98.16	109.46	8.34	87.88	102.06	116.26
2021-07-02	118.57	8.91	95.46	109.12	124.34	89.84	3.62	82.7	84.74	92.96	107.45	8.02	87.4	100.91	113.54
2021-07-09	123.66	11.23	94.19	112.34	130.28	89.12	3.44	82.96	85.29	92.86	106.63	7.68	87.52	99.79	113.23
2021-07-16	121.53	10.16	95.64	110.49	128.29	90.59	3.6	82.87	85.29	92.93	107.53	7.44	87.6	99.42	112.89
2021-07-23	127.91	11.65	97.09	115.63	135.46	93.43	4.59	83.03	85.78	96.55	108.4	8.2	87.22	101.72	114.68
2021-07-30	119.64	9.64	94.3	108.67	126	89.58	3.81	82.57	84.42	93.99	107.43	8.11	86.59	99.18	113.49
2021-08-06	126.78	11.79	95.76	115.28	134.12	91.6	4.47	82.72	86.02	95.96	108.22	8.23	85.44	101.19	114.11
2021-08-13	123.04	10.49	96.05	113.11	130.04	91.31	4.2	82.74	86.02	95.43	108.43	8.21	86.37	99.68	115.01
2021-08-20	130.42	12.85	96.89	117.33	137.43	92.49	4.51	82.78	86.41	96.13	108.13	8.29	85.43	100.82	114.3
2021-08-27	118.87	8.43	97.4	110.09	125.07	91.44	4.53	82.49	84.92	95.59	108.27	8.23	86.51	100.38	114.34
2021-09-03	125.56	11.25	95.29	115.38	132.75	92.65	4.62	82.49	84.66	96.24	108.37	9.23	83.3	99.99	114.4
2021-09-10	127.08	11.69	95.97	117.21	134.35	92.85	5.23	82.66	85.51	99.13	108.67	8.43	86.13	100.48	114.52
2021-09-17	127.97	11.53	98.01	117.52	135.07	93.75	5.57	82.73	86.15	99.38	107.8	8.34	86.83	100.28	114.32
2021-09-24	122.31	10.24	96.45	111.33	129.24	93.06	5.27	82.63	86.98	99.5	107.36	8.01	85.72	100.2	113.44
2021-10-01	126.75	12.44	92.42	114.38	133.64	92.13	4.58	82.54	84.22	96.12	107.74	9.06	83.25	98.16	114.01
2021-10-08	130.55	11.96	98.68	118.01	137.64	94.23	4.99	82.7	87.33	97.75	109.21	8.21	86.19	99.65	114.53

2021-10-15	122.75	10.22	95.09	112.25	129.2	93.34	4.54	84.99	87.77	98.36	107.96	8.98	84.46	99.67	114.73
2021-10-22	124.99	10.48	96.95	111.14	132.04	93.69	4.07	85.3	91.32	99.1	107.54	7.04	89.55	102	112.62
2021-10-29	124.59	10.3	95.45	110.16	128.79	94.07	4.57	85.15	90.27	99.26	107.33	7.32	89.11	100.62	113.65
2021-11-05	133.61	12.93	99.07	116.14	142.2	94.27	3.53	86.99	92.03	98.98	107.97	5.76	94.13	102.78	113.82
2021-11-12	124.94	10.97	95.37	113.36	131.57	96.16	5.71	85.24	89.89	102.91	109.14	7.99	87.89	100.28	114.68
2021-11-19	128.55	12.53	96.1	112.56	135.86	93.06	4.06	85.22	89.4	97.62	108.48	7.6	86.56	99.26	112.94
2021-11-26	122.12	11.1	91.23	107.02	127.99	94.01	4.92	85	88.6	99.85	104.92	8.26	82.52	97.41	110.65
2021-12-03	132.83	13.91	95.19	114.06	140.71	94.35	4.65	85.21	89.5	99.72	108.76	7.88	87.03	100.01	114.6
2021-12-10	123.4	10.16	96.11	109.44	130.11	93.87	4	85.17	91.64	98.02	107.19	7.16	88.5	102.55	112.96
2021-12-17	130.72	12.96	98.12	114.41	138.85	93.95	4.04	85.54	90.87	99.05	108.31	6.93	91.28	100.68	114.84
2021-12-24	126.26	11.39	95.96	108.76	132.76	93.06	3.32	85.71	90.62	94.98	106.03	6.22	90.75	100.44	110.94
2022-01-01	133.51	13.53	98.08	114.11	141.7	95.15	4.28	86.16	92.35	100.23	107.31	6.12	92.26	102.34	112.08
2022-01-08	124.55	11.64	94.21	109.27	131.46	93.85	4.63	85.1	88.71	99.29	107.6	8.15	86.69	98.64	114.59
2022-01-15	129.24	14.08	91.3	112.77	136.76	92.85	4.4	85.01	86.95	98.3	106.44	8.87	83.38	96.15	112.89
2022-01-22	124.97	12.76	89.04	109.61	131.14	91.69	3.65	84.98	86.36	95.14	108.37	9.5	80.47	95.54	113.49
2022-01-29	132.29	13.67	95.83	115.74	140.51	94.48	4.74	85.06	89.55	99.73	108.64	7.98	86.77	99.98	114.53
2022-02-05	123.53	11.26	92.11	108.6	129.14	92.61	4.17	84.92	86.99	96.86	108.56	9.24	83.2	97.26	115.12
2022-02-12	126.71	12.41	93.32	111.96	133.63	92.13	3.78	84.89	86.91	95.84	107.25	8.87	82.49	97.32	114.4
2022-02-19	123.94	10.64	95.13	112.96	130.59	94.02	4.41	85.03	89.09	96.9	109.35	8.69	86.36	102.35	115.81
2022-02-26	131.1	14.01	92.4	116.75	138.46	94.05	4.93	85.09	87.81	99.61	108.31	8.99	84.68	98.25	115.1
2022-03-05	127.07	10.87	94.28	110.15	129.19	94.29	4.61	85.21	87.82	98.86	112.9	9.7	82.95	98.67	116.21
2022-03-12	121.7	10.76	92.26	108.54	127.79	93.77	4.6	85.3	88.28	98.78	108.27	8.96	84.09	98.74	114.4
2022-03-19	122.65	10.59	94.17	112.09	129.39	92.89	4.21	85.29	89.01	97.35	108.38	8.84	84.49	100.21	115.28
2022-03-26	123.43	10.32	96.99	112.51	130.58	94.37	4.78	85.27	88.34	100.1	109.37	8.68	85.91	98.97	115.95
2022-04-02	123.34	10.05	96.33	112.3	129.84	94.09	4.53	85.43	90.99	99.74	109.59	8.15	86.13	103.06	114.95
2022-04-09	121.12	9.74	94.35	108.57	126.95	94.71	4.4	85.39	89.78	99.49	108.67	7.46	88.51	101.19	114.84
2022-04-16	125.79	10.71	97.36	113.56	132.74	93.92	4.08	85.73	90.57	98.59	108.22	7.3	89.9	101	114.44
2022-04-23	121.88	10.46	95.43	110.12	128.32	95.32	4.12	85.58	86.89	97.33	108.18	8.34	85.75	97.87	114.52
2022-04-30	123.73	10.89	94.68	113.7	130.59	97.44	4.81	85.75	88.83	99.15	109.07	8.8	85.14	100.34	115.87
2022-05-07	121.19	9.4	95.82	109.01	126.18	93.73	4.08	85.7	89.73	98.1	109.25	7.93	88.41	101.69	115.82

2022-05-14	125.95	11.21	96.66	113.27	133.16	95.4	4.71	85.75	89.35	100.04	108.79	8.74	85.67	101.09	115.02
2022-05-21	122.15	10.11	94.78	109.97	128.55	94.68	4.85	85.73	87.04	101.35	109.2	9.33	83.55	99	115.3
2022-05-28	123.01	11.26	93.33	111.6	129.96	95.99	4.36	85.66	88.26	98.21	108.72	9.27	83.08	100.04	114.28
2022-06-04	118.63	9.51	94.4	108.54	125.11	93.36	4.43	85.79	87.48	98.61	108.22	8.49	86.55	99.72	115.14
2022-06-11	129.55	11.75	95.88	112.75	135.75	95.08	4.55	86.03	89.28	99.3	108.89	8.53	84.25	101.97	114.32
2022-06-18	123.17	10.13	95.8	109.59	128.63	95.42	3.62	85.99	88.02	96.54	107.4	8.08	86.02	99.7	113.68
2022-06-25	119.17	10.01	93.23	109.29	125.39	94.39	3.47	85.88	87.17	95.29	107.57	8.89	82.47	98.94	113.22
2022-07-02	122.26	10.38	92.92	108.42	126.75	93.02	4.72	84.2	85.47	97.68	110.43	9.74	83.29	99.27	116.08
2022-07-09	134.33	12.86	95.99	113.7	139.52	92.66	4.49	84.28	86.13	97.04	109.58	8.74	86.14	102.15	115.74
2022-07-16	134.9	11.81	98.94	113.6	137.28	94.44	4.45	84.42	86.25	97.42	108.74	8.48	86.34	102.18	114.47
2022-07-23	123.1	9.2	99.28	110.64	128.87	92.52	3.84	84.27	85.89	95.27	109.92	7.78	89.44	101.96	115.6
2022-07-30	124.17	10.23	96.29	110.82	129.88	92.45	3.82	84.4	86.33	95.13	109.69	8.27	87.25	101.56	114.79
2022-08-06	130.69	12.06	95.65	110.93	135.75	91.24	3.97	84.27	85.75	95.72	107.97	9.06	83.88	101.05	114.78
2022-08-13	133.35	11.89	99.7	114.94	139.87	93.63	4.42	84.42	86.04	97	109.01	8.81	85.75	102.73	114.94
2022-08-20	119.97	9.48	94.75	110.29	126.48	91.73	3.91	84.32	85.93	95.81	108.97	8.5	86.99	101.8	115.06
2022-08-27	121.99	9.28	96.8	111.01	127.56	91.8	3.7	84.47	86	94.75	109.05	8.52	85.22	101.89	114.52
2022-09-03	127.71	12.18	93.95	109.72	134.23	92.07	3.89	84.43	86.21	95.29	108.39	8.69	84.68	100.96	114.89
2022-09-10	131.86	11.54	99.61	115.68	136.29	93.58	4.18	84.72	86.22	96.62	110.14	8.25	88.57	101.47	116.08
2022-09-17	119.58	9.2	94.8	109.26	125.77	93.28	3.86	84.44	86.19	95.08	109.59	8.49	84.56	101.91	115.15
2022-09-24	125.09	10.72	97.1	111.96	131.77	90.86	3.57	84.54	85.42	94.78	109.56	8.59	87.47	100.63	115.86
2022-10-01	125.98	11.88	94.43	113.46	132.55	97.08	3.92	84.57	85.31	94.66	109.38	9.22	84.52	98.22	115.01
2022-10-08	130.48	12	97.38	116.57	137.63	90.88	3.49	84.7	85.6	94.39	108.64	9	84.24	100.86	114.73
2022-10-15	122.47	10.28	92.46	108.82	126.29	94.08	3.77	84.37	85.42	94.01	111.12	8.87	84.35	99.51	113.87
2022-10-22	125.18	10.94	94.24	112.74	131.25	93.57	4.89	84.55	89.34	99.96	108.99	8.49	85.78	101.43	115.62
2022-10-29	126.8	11.33	96.88	114.06	134.12	94.16	4.86	84.77	89.15	99.6	111.39	7.96	89.09	101.99	116.02
2022-11-05	126.94	11.01	97.74	112.29	134.03	93.13	3.84	84.92	90.58	95.47	109.44	7.2	89.72	103.19	114.31
2022-11-12	124.88	10.87	96.68	111.83	131.21	92.49	3.7	84.84	88.28	96.1	109.6	7.6	90.27	100.26	116.1
2022-11-19	127.78	12.28	94.59	112.33	134.91	93.9	4.35	84.82	86.88	97.7	109.11	8.53	85.84	98.88	115.1
2022-11-26	127.3	11.62	98.12	113.92	134.75	92.85	3.9	84.89	89.8	96.97	108.95	7.88	87.62	102.28	115.07
2022-12-03	127.9	11.68	97.71	113.86	135.24	93.14	4.18	85.06	89.8	97.61	109.66	7.93	89.67	101.85	116.25

2022-12-10	126.27	11.55	95.8	113.17	133.25	92.21	3.64	84.8	88.62	95.05	108.58	8.3	86.56	101.09	114.62
2022-12-17	125.25	11.01	95.56	112.23	132.22	93.02	4.29	84.9	89.17	98.19	109.19	7.93	88.63	101.46	116.1
2022-12-24	127.7	11.96	95.8	111	135.27	93.8	4.14	85.43	90.99	99.29	106.72	6.4	90.09	101.69	111.05
2023-01-01	123.55	11.19	93.32	110.54	130.42	91.53	3.55	84.83	88.12	94.08	108.93	8.3	85.99	100.37	113.88
2023-01-08	123.15	10.12	97.83	111.55	129.95	92.4	3.42	85.43	90.08	96.25	107.82	6.41	91.92	102.05	114.35
2023-01-15	125.99	10.86	96.74	111.36	131.38	92.19	3.88	85.04	88.13	97	108.58	7.51	90.74	100.65	115.22
2023-01-22	128.22	11.64	96.62	111.5	134.17	93.08	4.48	84.83	87.5	98.61	108.55	8.42	86.44	99.32	115.24
2023-01-29	124.39	11.68	91.83	110.5	130.99	91.83	3.98	84.86	87.21	95.83	109.74	9.29	85.25	100.49	115.9
2023-02-05	125.27	10.87	97.73	112.55	132.21	93.17	3.97	85.12	89.88	97.71	109.07	6.95	91.37	101.46	115.74
2023-02-12	124.13	11.11	94.9	110.41	130.93	91.88	4.05	84.82	87.07	96.65	108.96	8.49	86.73	99.79	115.87
2023-02-19	128.13	10.94	99.04	114.47	135.14	93.55	4.06	84.9	91.53	97.41	110.08	7.4	89.12	104.17	115.3
2023-02-26	123.77	10.04	97.82	111.41	130.05	93.17	4	84.96	90	97.49	109.88	7.17	90.82	102.56	116.08
2023-03-05	124.9	10.55	97.35	112.73	131.54	92.61	3.82	84.95	90.04	96.67	109.48	7.86	88.99	102.65	116.04
2023-03-12	125.35	11.21	95.94	111.99	131.91	92.59	4.12	84.39	88.19	97.18	110.78	8	88.45	100.91	116.05
2023-03-19	125.57	11.19	95.82	115.41	132.55	92.4	4.49	83.86	86.82	97.06	108.19	8.98	84.75	98.98	115.57
2023-03-26	123.58	11.04	94.95	109.29	130.09	92.54	4.07	83.84	87.56	96.05	108.95	7.85	88.84	99.72	115.62
2023-04-02	122.11	10.51	93.95	109.65	128.91	91.89	4.31	83.8	87.72	95.95	107.33	7.84	86.34	100.29	113.4
2023-04-09	126.04	11.47	96.95	114.48	133.12	94.77	4.61	83.91	88.65	97.64	109.91	8.21	87.51	101.67	116.29
2023-04-16	124.09	9.67	98.79	113.95	130.16	94.63	4.14	84.23	90.15	97.12	109.78	7.53	90.69	103.9	115.25
2023-04-23	123.89	10.54	96.03	112.41	129.85	92.82	4.67	83.83	85.78	98.15	108.67	8.57	86.93	99.73	115.59
2023-04-30	123.04	10.58	96.16	111.87	129.78	95.95	4.99	83.78	86.38	98.41	109.41	8.58	87.55	100.63	116.05
2023-05-07	130.84	13.71	93.96	116.47	138.73	94.2	4.41	83.81	85.36	96.46	108.67	9.44	84.01	99.63	115.28
2023-05-14	129.37	12.24	96.17	114.16	135.9	93.39	4.46	83.96	85.66	97.4	109.61	8.84	87.95	100.25	116.18
2023-05-21	132.11	13.68	93.96	114.53	139.94	92.48	4.41	83.92	86.21	96.87	109.48	9.02	84.95	101.93	115.2
2023-05-28	122.74	10.1	96.02	109.27	128.58	91.05	3.61	83.97	87.18	94.95	108.88	7.46	89.4	100.66	114.85
2023-06-04	132.42	14.29	95	115.52	140.08	94.95	4.92	83.8	87.61	99.36	108.34	8.56	85.19	100.68	114.37
2023-06-11	126.3	10.48	97.43	111.86	132.23	92.92	4.32	83.79	86.4	96.71	108.56	7.93	87.71	101.12	114.35
2023-06-18	131.06	12.86	98.27	115.6	138.56	91.69	3.81	83.86	87.28	94.55	108.37	7.44	88.83	101.88	113.82
2023-06-25	121.63	9.88	95.4	110.78	127.86	90.53	3.72	83.83	86.18	94.69	107.89	7.85	87.84	100.93	114.16
2023-07-02	139.36	15.35	96.4	116.86	147.2	98.42	4.64	84.24	87.48	97	112.73	9.29	83.2	101.27	114.68

2023-07-09	124.13	10.3	96.86	108.54	130.92	94.52	3.55	84.31	86.55	93.48	106.17	7.13	87.8	99.43	111.92
2023-07-16	131.16	12.73	96.03	115.29	138.09	92.09	3.7	84.36	87.24	94.56	108.33	7.65	87.99	101.14	113.76
2023-07-23	120.49	9.38	96.1	109.65	126.43	92.27	4.43	84.07	86.14	97.78	108.93	8.49	86.57	100.49	114.86
2023-07-30	140.58	14.7	99.22	117.41	148.85	92.36	4.46	84.35	86.62	98.15	108.13	7.97	86.78	101.28	114.32
2023-08-06	127.71	10.49	95.33	110.14	129.1	91.59	3.87	84.13	85.86	95.69	108.46	8.2	86.01	99.43	113.81
2023-08-13	125.01	11.67	92.7	111.7	130.99	92.78	4.01	84.06	85.42	95.27	109.2	9.63	81.73	100.56	114.22
2023-08-20	118.24	9.14	93.21	108.66	124.96	92.4	3.99	83.98	85.58	94.91	108.23	8.92	83.23	100.92	113.92
2023-08-27	136.22	14.33	95.91	116.12	143.71	97.47	4.65	84.13	86.55	98.22	107.25	8.36	84.99	100.47	113.23
2023-09-03	129.15	11.05	97.56	113.4	135.59	94.37	4.33	84.08	85.92	96.31	109.27	8.4	87.71	101.39	115.07
2023-09-10	120.38	10.03	93.93	110.1	126.95	91.4	3.99	84.04	84.92	95.32	108.49	9.34	82.97	99.05	114.36
2023-09-17	120.8	9.9	95.31	109.31	127.41	91.83	3.9	84.11	86.35	95.85	108.44	7.96	87.18	100.41	113.95
2023-09-24	131.27	12.08	98.58	114.17	138.17	92.26	4.28	84.27	87.88	97.3	107.94	7.65	88.44	101	114.47
2023-10-01	129.92	12.61	94.91	114.77	136.46	97.27	4.68	84.14	85.59	97.68	109.89	9.04	85.66	98.81	115.57
2023-10-08	119.29	10.7	91.01	107.3	126.2	91.89	4.25	84.04	86.71	96.21	107.53	9.18	82.54	98.95	114.59
2023-10-15	131.64	14.13	91.56	111.51	138.72	93.63	4.53	83.5	85.41	96.97	111.55	9.55	81.4	97.52	114.69
2023-10-22	128.21	13.04	91.19	112.63	135.85	92.15	4.71	83.44	85.95	97.08	108.76	9.44	81.99	99.24	114.88
2023-10-29	133.57	14.03	95.64	114.75	141.1	92.25	4.63	83.66	86.87	97.57	107.35	8.03	86.51	99.15	113.89
2023-11-05	120.11	9.53	95.15	106.39	126.44	91.04	3.83	83.53	88.37	95.54	106.39	7.4	86.68	100.18	112.64
2023-11-12	131.82	13.08	97.97	115.57	139.59	91.26	4.1	83.58	86.42	95.21	109.21	8.22	87.5	99.79	115.42
2023-11-19	128.99	12.09	96.14	113.29	136.39	92.69	4.15	83.77	87.46	96.57	109.54	7.93	88.38	100.43	115.68
2023-11-26	134.74	15.74	93.38	115.24	142.66	91.95	4.29	83.56	86.92	95.92	108.03	8.66	84.49	98.32	113.83
2023-12-03	123.58	11.63	92.71	108.91	130.02	92.86	4.97	83.47	87.27	98.87	109.42	8.9	84.41	99.7	116.01
2023-12-10	132.55	13.43	95.3	115.65	140.22	92.07	4.63	83.51	86.37	96.82	108.76	8.76	86.08	100.15	115.29
2023-12-17	129.22	13.36	93.25	113.46	136.43	91.36	4.15	83.53	86.11	95.99	108.65	9.09	84	96.38	114.96
2023-12-24	131.23	13.43	95.72	112.04	139	91.74	3.72	83.75	89.75	93.92	108.11	7.31	89.13	102.31	112.91
2024-01-01	123.17	11.76	91.63	108.53	130.31	91.21	4.17	83.41	86.76	95.78	107.27	9.01	81.74	98.09	114.19
2024-01-08	133.94	12.05	100.21	116.39	139.26	93.75	4.48	83.97	91.46	98.29	109.2	7.33	90.95	104.89	114.84
2024-01-15	128.85	12.78	95.56	112.04	135.94	93.87	4.89	83.54	87.13	98.43	108.42	7.87	88.38	97.47	114.84
2024-01-22	131.27	12.97	98.33	114.6	138.82	93.5	4.44	83.79	90.25	98.67	108.09	7.35	89.43	101.59	114.91
2024-01-29	125.23	11.8	94.68	111.24	132.42	90.25	3.83	83.45	85.9	94.34	109.34	8.63	86.36	98.74	116.02

2024-02-05	131.04	13.49	94.41	116.81	138.25	92.77	4.83	83.54	87.2	98.25	109.97	9.17	85.98	99.67	116.43
2024-02-12	129.32	12.21	97.12	114.16	136.45	91.01	3.94	83.58	87.16	95.33	108.49	7.96	87.99	99.72	115.77
2024-02-19	129.95	13.12	95.07	115.15	137.39	91.91	4.33	83.4	87.34	97.13	108.82	8.28	87.48	100.08	115.16
2024-02-26	125.54	10.16	100.11	112.31	131.84	94.06	3.69	83.97	90.64	95.94	108.99	6.68	90.52	103.06	114.97
2024-03-04	131.73	14.21	93.55	112.71	139.45	92.57	4.48	83.28	87.71	96.94	107.97	8.8	84.26	98.45	114.48
2024-03-11	127.02	11.41	97.18	115.35	133.22	90.62	3.93	83.38	86.33	94.19	107.26	8.3	86.09	98.7	113.81
2024-03-18	126.12	12.2	92.41	112.1	133.05	91.65	4.61	83.26	84.72	96.3	107.82	9.5	83.15	97.1	114.79
2024-03-25	129.3	11.92	97.45	113.99	136.11	93.19	4.31	83.43	87.38	95.77	109.06	8.02	87.41	100.23	115.2
2024-04-01	131.69	13.51	95.97	116.57	138.62	92.58	4.24	83.32	86.49	95.91	108.98	8.73	86.03	99.4	115.58
2024-04-08	136.62	13.66	99.38	121.25	144.44	92.64	4.76	83.35	86.94	97.61	109.32	8.87	85.43	99.31	115.69
2024-04-15	126.86	11.05	95.29	109.08	131.29	91.41	4.26	83.26	86.6	95.7	108.65	7.95	88.51	100.64	115.44
2024-04-22	132.49	12.77	96.32	114.72	139.52	92.96	4.91	83.43	87.25	98.31	108.87	8.55	87.41	99.72	115.84
2024-04-29	133.9	13.4	97.21	113.46	141.24	94.93	4.54	83.33	86.03	96.61	108.98	7.97	88.39	100.78	115.59
2024-05-06	139.07	15.16	97.69	120.83	147.37	92.06	4.7	83.36	86.52	97.71	108.88	8.59	85.29	101.01	115.51
2024-05-13	130.11	11.64	97.56	110.58	135.54	92.31	4.23	83.4	87.85	96.4	109.09	7.72	88.57	101.84	115.42
2024-05-20	136.97	14.74	96.26	113.78	145.26	92.74	4.54	83.48	87.86	97.51	109.48	7.81	89.73	101.83	115.68
2024-05-27	136.95	14.02	98.07	116.66	143.75	93.34	5.24	83.33	86.46	99.4	109.81	8.48	87.32	101.36	115.61
2024-06-03	138.57	14.92	97.7	118.35	146.46	93.03	5.13	83.3	87.67	99.04	108.37	8.46	85.8	102.65	114.37
2024-06-10	132.39	12.11	97.36	111.89	137.79	92.51	4.2	83.46	87.12	95.42	108.82	8.04	87.47	101.43	114.84
2024-06-17	134.8	13.19	96.4	113.38	142.38	92.17	4.05	83.28	85.39	94.85	107.81	8.49	85.74	100.29	114.11
2024-06-24	138.48	13.85	98.11	115.86	145.74	93.21	4.44	83.51	86.57	96.47	108.71	8.3	87.59	101.66	114.77
2024-07-01	136.88	14.19	99.46	117.79	144.61	91.96	4.32	83.41	86.35	96.14	111.86	8.6	86.29	101.58	114.8
2024-07-08	129.23	11.69	97.33	113.21	135.85	94.69	4.09	86.51	88.03	98.37	110.69	8.56	89.19	102.43	117.05
2024-07-15	126.02	10.89	96.25	111.96	132.63	92.56	3.39	86.41	88.21	96.21	109.79	8.09	88.07	102.59	115.81
2024-07-22	136.48	12.36	100.95	119.51	144.07	95.21	4.24	86.7	89.49	99.41	111.78	7.74	90.61	104.63	117.31
2024-07-29	131.74	12.45	97.6	115.75	138.57	94.17	4.07	86.52	88.48	98.85	110.09	8.18	89.98	103.79	116.6
2024-08-05	130.7	11.73	98.38	113.38	137.59	94.76	3.78	86.72	88.59	97.69	110.13	8.16	89.15	103.13	116.37
2024-08-12	124.73	10.5	95.85	111.1	130.58	94.41	3.97	86.45	87.76	97.83	109.71	8.58	87.28	102.46	116.13
2024-08-19	137.4	14.39	99.73	119.47	144.88	96.7	4.55	86.77	88.84	99.85	110.09	8.37	88.03	103.89	116.26
2024-08-26	129.08	12.26	95.13	115.05	136.05	95.56	4.67	86.47	87.97	100.72	110.34	9.14	85	104.07	116.73

2024-09-02	127.34	10.55	97.78	113.25	132.85	93.91	3.98	86.48	87.68	97.99	111.61	9.11	86.1	103.93	117.1
2024-09-09	121.76	10.17	94.16	110.25	127.45	94.29	4.15	86.4	87.96	98.84	109.82	8.95	85.87	102.16	116.64
2024-09-16	136.7	13.59	99.63	122.49	144.05	93.47	3.75	86.63	88.1	97.62	110.84	8.86	86.54	103.37	117.09
2024-09-23	127.71	11.05	96.86	113.86	132.52	95.09	4.54	86.56	89	100.9	112.04	8.21	89.96	103.02	117.8
2024-09-30	124.44	11.04	95.23	111.52	131.07	94.54	4.04	86.46	87.87	98.51	108.68	8.67	85.58	100.7	115.67
2024-10-07	124.28	10.53	95.15	112.05	129.06	94.67	4.29	86.44	87.98	99.74	111.22	9.09	85.93	100.71	116.2
2024-10-14	133.52	11.76	100.38	118.53	140.51	96.03	4.6	87.72	90.47	101.11	108.49	8.24	87.33	101.51	115.13
2024-10-21	132.28	12.61	95.29	113.67	137.86	96.25	4.33	87.7	89.76	100.53	109.31	9.2	84.02	99.79	115.33
2024-10-28	128.86	11.02	98.5	111.52	133.83	100.41	4.2	87.82	91.84	100.01	108.76	8.05	88.24	101.1	115.04
2024-11-04	132.43	14.14	91.95	112.35	139.36	94.86	4.55	87.61	88.52	101.57	106.86	9.92	81.63	95.18	113.43
2024-11-11	134.43	12.08	100.52	115.04	141.65	95.58	3.66	88.01	93.05	99.54	108.04	7.18	90.61	102.73	114.32
2024-11-18	131.84	12.3	99.12	115.23	138.16	96.12	3.7	88.3	93.62	100.49	109.32	7.05	91.42	103.9	115.6
2024-11-25	130.98	12.99	95.96	112.95	137.3	94.71	3.81	87.7	90.98	99.31	108.15	8.6	84.51	99.74	115.41
2024-12-02	134.52	15.29	91.79	114.97	142.74	95.71	4.2	87.67	89.69	100.2	108.96	9.7	82.6	98.33	115.76
2024-12-09	134.05	13.69	94.74	115.93	141.34	95.7	4.15	87.7	90.55	99.13	109.06	9.14	85.64	101.63	115.28
2024-12-16	134.45	13.97	95.97	116.17	141.59	95.91	4.49	87.79	91.52	101.64	108.21	7.78	88.33	101.5	115.12
2024-12-23	126.64	11.38	95.77	111.38	133.4	94.64	3.5	87.83	92.44	98.26	107.38	7.6	87.98	101.47	113.09

Table 14b: Haro Strait weekly sound pressure levels (SPL) in decibels (dB). Mean (Avg) and standard deviation (Std), Q₅, Q₅₀ and Q₉₅ levels for water turbulence, echosounders and wind are given.

Date	Avg 10- 100 Hz	Std 10- 100 Hz	Q5 10- 100 Hz	Q50 10-100 Hz	Q95 10-100 Hz	Avg 49500- 50500 Hz	Std 49500- 50500 Hz	Q5 49500- 50500 Hz	Q50 49500- 50500 Hz	Q95 49500- 50500 Hz	Avg 7500- 8500 Hz	Std 7500- 8500 Hz	Q5 7500- 8500 Hz	Q50 7500- 8500 Hz	Q95 7500- 8500 Hz
2019-01-01	125.87	14.63	84.36	110.33	132.6	70.55	3.72	63.7	65.94	74.1	88.99	7.72	68.97	81.7	93.89
2019-01-08	122.76	14.11	83.02	109.21	129.28	68.7	2.47	63.74	65.42	70.05	88.79	7.22	69.54	80.26	94.73
2019-01-15	126.48	14.02	86.2	110.48	132.73	74.62	3.63	63.84	66.43	74.69	89.16	6.72	72.52	82.77	94.93
2019-01-22	126.96	12.8	89.93	113.02	132.32	69.13	3.6	63.59	64.75	73.84	89.44	8.77	67.36	80.89	95.64
2019-01-29	124.59	13.67	85.22	112.12	130.61	75.94	3.14	63.65	65.35	72.3	89.34	7.86	68.47	80.36	95.16
2019-02-05	122.76	13.21	85.09	109.44	128.68	70.8	2.83	63.66	66.51	70.01	89.55	8.69	66.84	83.29	94.47
2019-02-12	123.26	13.86	83.77	108.09	129.26	68.08	2.82	63.66	65.74	71.37	87.23	6.79	69.28	80.88	93.16

2019-02-19	124.45	11.51	92.33	113.65	130.79	74.38	3.27	63.7	66.67	73.42	89.31	6.91	69.95	83.25	95.14
2019-02-26	120	12.72	85.21	107.96	126.62	78.7	2.03	66.39	69	70.66	89.76	3.88	82.22	86.54	94.94
2019-03-05	125.81	12.38	89.61	112.79	131	86.11	4.72	63.8	64.74	73.51	89.57	8.47	67.49	79.1	95.81
2019-03-12	123.46	14.06	84.5	108.49	129.3	67.28	2.57	63.78	64.77	71.6	88.41	8.21	66.34	78.62	94.79
2019-03-19	129.56	12.04	94.55	117.47	134.95	68.55	2.98	63.91	65.15	72.42	89.4	7.89	68.72	79.89	95.49
2019-03-26	124.08	13.97	84.2	108.77	129.7	68.28	2.89	63.75	64.35	71.11	89.36	8.82	66.54	78.58	95.61
2019-04-02	122.15	12.5	87.54	110.58	128.32	71.95	2.83	63.89	65.43	70.19	93.66	8.27	67.84	81.06	94.9
2019-04-09	124.73	14.58	84.07	111.74	131.63	72.77	3.33	64.05	66.92	72.93	90.11	6.78	73.22	83.51	95.98
2019-04-16	125.56	12.82	89.87	115.55	131.98	72.93	3.43	63.84	64.97	73.11	89.12	8.17	67.68	79.43	95.51
2019-04-23	123.96	13.26	85.89	107.5	128.74	74.22	3.47	63.76	64.54	71.75	89.5	8.58	67.66	80.19	95.45
2019-04-30	121.74	12.63	86.09	107.53	128.08	87.31	3.26	63.73	64.25	69.07	89.66	8.91	66.52	82.32	95.67
2019-05-07	125.1	15.04	83.51	111.53	131.8	73.54	2.96	63.82	64.55	69.94	91.24	8.54	67.99	80.7	96.54
2019-05-14	127.06	13.94	86.01	112.35	131.07	72.76	3.32	63.87	64.92	71.66	89.4	8.44	67.29	80.84	95.73
2019-05-21	127	14.11	87.01	108.33	132.3	73.69	3.96	63.76	64.4	75.05	90.69	9.39	66.79	80.78	97.07
2019-05-28	120.44	12.44	85.75	105.46	126.71	80.14	4.55	63.78	64.84	72.34	90.41	7.4	71.55	83.35	96.66
2019-06-04	123.2	13.8	86.78	110.09	130.03	71.3	3.75	64.06	65.61	74.87	91.45	7.51	70.95	82.67	96.94
2019-06-11	121.13	14.06	83.58	104.7	127.53	71.09	3.04	64	64.57	70.61	91.09	8.82	68.27	81.2	96.8
2019-06-18	122.09	14.3	84.85	106.33	129.22	78.25	3.34	64.21	67.01	73.21	91.29	6.45	73.97	85.01	96.65
2019-06-25	119.73	13.92	80.3	102.62	125.92	75.35	3.53	63.91	64.44	72.26	90.46	9.18	66.21	80.39	97.14
2019-07-02	126	14.61	85.86	108.88	132.26	86.73	4.59	64.33	66.14	77.68	90.94	8.19	69.18	84.19	96.39
2019-07-09	116.99	11.98	85.54	103.38	123.43	72.81	3.09	64.03	64.7	71.16	89.17	8.69	67.7	80.85	95.16
2019-07-16	119.96	12.88	85.96	105.54	126.25	89.27	4.14	64.09	65.05	73.62	90.32	8.3	67.94	81.59	95.93
2019-07-23	117.31	12.49	82.59	99.71	123.42	73.93	3.31	63.89	64.62	71.4	90.48	8.47	66.91	82.59	96.02
2019-07-30	123.42	13.69	85.7	109.15	130.15	76.05	4.3	64.16	65.49	76.07	89.49	8.26	68.02	83.44	95.37
2019-08-06	118.83	12.55	83.78	101.6	124.48	88.29	3.21	63.96	64.97	70.21	89.88	7.44	70.47	82.17	95.66
2019-08-13	117.12	11.6	86.73	105.13	123.92	71.97	3.12	63.89	64.55	70.64	89.21	8.59	67.03	81.61	95.79
2019-08-20	116.02	12.17	81.63	99.68	122.42	77.24	3.13	63.21	63.61	69.89	88.74	8.32	66.62	80.69	94.47
2019-08-27	120.69	12.77	85.69	107.55	127.09	81.54	3.76	63.26	63.98	72.31	90.83	9.4	66.61	82.78	96.64
2019-09-03	119	12.37	84.83	104.79	125.29	74.23	3.07	63.28	64.26	69.5	89.79	8.26	68.23	81.79	95.96
2019-09-10	117.25	11.78	85.1	103.05	123.49	78.9	3.69	63.23	63.74	73.79	88.24	8.54	66.72	79.36	95.07

2019-09-17	117.14	12.36	82.59	99.88	123.25	71.27	3.01	63.19	63.61	70.8	89.12	8.75	66.02	80.41	94.91
2019-09-24	118.89	12.29	85.65	107.17	125.01	81.1	3.67	63.31	64.62	73.22	87.37	7.37	68.65	80.56	93.32
2019-10-01	118.05	13.85	79.69	102.34	124.41	68.97	3.27	63.19	63.94	72.32	88.77	8.6	65.57	79.13	94.46
2019-10-08	117.1	13.35	80.75	99.57	123.79	66.35	2.25	63.2	63.94	68.42	88.45	8.15	66.63	79.41	94.3
2019-10-15	118.26	13.75	80.02	101.48	124.09	67.66	2.89	63.24	65.11	71.56	88.1	7.02	69.92	80.97	93.78
2019-10-22	120.96	13.68	82.94	106.1	126.45	68.04	3.09	63.25	64.21	72.32	89.02	8.42	67.02	79.58	95.18
2019-10-29	121.28	14.2	82.18	105.09	128.13	75.61	3.53	63.2	63.9	73.19	91.14	9.22	65.29	77.47	95.26
2019-11-05	118.97	15.13	77.93	99.35	125.34	65.45	1.97	63.18	63.55	67.64	88.06	8.72	64.96	74.85	93.83
2019-11-12	121.17	14.43	82.75	107.03	127.49	68.89	3.45	63.26	64.95	73.38	89.82	8.22	67.01	80.32	95.96
2019-11-19	121.92	13.35	85.33	106.71	128.48	81.42	4.65	63.35	64.96	73.55	90.8	8.14	69.53	81.59	97.18
2019-11-26	122.86	15	81.41	108.22	130.4	70.39	3.57	63.68	66.69	74.72	89.72	7.22	70.64	83.56	94.77
2019-12-03	118.37	13.88	80.23	100.65	125	70.51	2.7	63.46	64.35	69.52	87.68	8.48	65.29	77.62	93.98
2019-12-10	121.67	14.72	81.77	106.4	128.92	68.57	3.43	63.5	64.98	73.71	87.99	8.33	66.66	80.18	94.08
2019-12-17	120.8	13.43	83.57	106.31	126.72	69.83	3.07	63.86	67.45	73.33	89.38	6.63	73.52	82.89	95.46
2019-12-24	121.64	15.06	79.65	105.62	128.1	74.34	3.19	63.57	65.64	72.5	88.29	7.79	66.82	80.78	93.63
2020-01-01	119.51	13.37	83.32	98.69	125.37	69.55	2.63	64.37	68.38	73.44	89.1	5.18	76.68	85.96	93.55
2020-01-08	121.66	13.82	83.96	106.76	128.28	79.22	3.52	63.71	67.95	74.26	89.48	6.59	72.72	85	94.63
2020-01-15	119.9	13.39	82.44	102.32	127.04	78.95	2.94	63.68	66.94	70.73	88.54	6.79	71.44	83.86	92.99
2020-01-22	120.66	14.32	82.37	106.17	127.3	69.45	3.35	63.72	67.26	73.83	89.59	7.07	70.26	83.73	94.46
2020-01-29	120.53	14.23	81.61	100.61	126.07	70.21	3.56	63.6	66.53	74.75	88.22	7.07	68.53	82.37	94.08
2020-02-05	122.35	14.13	83.81	107.67	128.23	81.96	3.84	63.61	66.35	74.62	89.03	8.06	68.58	81.69	94.5
2020-02-12	120.57	14.1	81.64	103.99	126.35	67.61	2.57	63.51	66.21	70.03	88.53	7.78	67.46	82.25	94.49
2020-02-19	120.93	12.94	86.43	108.79	127.64	73.38	2.99	63.52	65.32	71.09	89.28	7.53	69.84	81.09	95.18
2020-02-26	121.03	14.08	81.72	104.03	126.69	71.73	3.1	63.45	64.7	70.41	89.11	8.32	67.37	80.44	95.49
2020-03-04	120.69	14.06	83.72	107.31	127.6	71.42	2.94	63.48	64.55	71.18	88.27	8.25	67.11	79.14	94.62
2020-03-11	122.94	10.91	92.82	111.3	128.38	79.02	3.36	63.7	65.8	73.15	89.4	7.22	69.78	82.29	95.07
2020-03-18															
2020-03-25															
2020-04-01															
2020-04-08															

2020-04-15															
2020-04-22															
2020-04-29															
2020-05-06															
2020-05-13															
2020-05-20															
2020-05-27															
2020-06-03															
2020-06-10															
2020-06-17															
2020-06-24															
2020-07-01															
2020-07-08															
2020-07-15	128.06	12.63	88.2	107.9	126.9	71.21	2.24	65.58	66.31	69.29	88.1	9.42	63.67	78.94	93.3
2020-07-22	123.71	11.63	92.89	109.67	129.91	73.37	2.82	65.92	66.64	71.58	89.6	7.48	68.91	82.27	94.58
2020-07-29	122.14	12.63	87.42	107.46	128.52	81.08	2.63	65.92	66.59	70.79	87.92	7.49	68.23	80.27	93.93
2020-08-05	120.57	12.41	87.9	106.06	127.24	80.38	2.76	65.87	66.58	72.77	87.62	7.63	67.12	81.32	93.2
2020-08-12	118.54	11.56	87.82	107.76	125	69.05	1.9	65.8	66.21	69.38	88.64	8.33	65.97	80.72	93.82
2020-08-19	126.55	12.58	92.84	112.73	133.74	73.91	3.03	65.97	66.55	73.62	89	8.44	67.56	82.04	95.14
2020-08-26	118.24	9.97	92.07	108.83	124.75	69.38	2.19	65.89	66.31	69.96	87.92	7.9	68.31	80.94	93.82
2020-09-02	118.44	11.03	88.15	106.54	125.21	70.84	2.45	65.84	66.2	70.27	88.89	8.79	66.81	81	94.87
2020-09-09	115.53	10.64	87.38	104.65	122.44	91.59	4.15	65.8	66.11	71.69	89.07	8.7	65.96	79.3	94.23
2020-09-16	127.82	13.07	91.52	115.45	135.49	71.46	2.88	65.9	66.57	73.81	88.3	8.37	66.84	78.78	94.14
2020-09-23	120.48	12.07	87.86	108.22	127.02	71.76	3.44	65.9	66.72	75.67	88.76	7.91	68.08	81.18	94.55
2020-09-30	118.58	12.05	84.72	108.26	124.31	81.25	2.94	65.84	66.1	70.73	87.92	9.35	65.58	77.25	94.23
2020-10-07	118.71	12.32	84.66	105.47	124.96	72.27	3.44	65.81	67	75.09	89.91	7.98	68.15	82.68	95.03
2020-10-14	127.31	11.47	95.45	114.94	132.99	71.17	3.27	65.93	67.26	75.71	90.06	7.63	69.63	82.97	94.64
2020-10-21	122.37	12.51	86.28	106.06	126.14	84.38	3.43	65.84	67.08	73.11	88.06	8	66.11	82.14	93.81
2020-10-28	120.06	13	82.88	106.66	126.17	98.33	5.32	63.18	64.28	74.88	88.96	8.07	67.5	80.95	94.97
2020-11-04	121.03	13.65	84.63	106.35	127.61	68.99	3.06	63.2	65.52	71.34	89.6	8.09	67.38	82.95	95.3

2020-11-11	123.23	13.06	86.34	110.57	130.38	70.33	3.74	63.29	67.13	74.95	90.25	7.08	70.54	85.25	94.11
2020-11-18	122.07	13.8	82.08	108.94	128.89	67.84	2.94	63.3	65.35	71.96	89.46	7.59	69.32	81.96	95.87
2020-11-25	122.2	14.4	82.62	107.74	129.27	68.11	3.08	63.24	65.52	71.7	88.96	8.36	66.32	82.1	93.98
2020-12-02	121.8	14.92	79.14	107.99	128.16	72.44	3.27	63.24	64.46	71.74	90.01	7.98	66.97	79.89	95.4
2020-12-09	122.96	14.09	82.62	109.67	130.31	69.15	3.63	63.26	64.84	73.8	89.93	8.35	68.44	80.95	95.48
2020-12-16	122.7	13.51	84.61	109.19	129.77	74.87	3.78	63.36	67.82	75.51	89.35	6.84	72.07	84.94	94.9
2020-12-23	120.44	14.46	79.37	104.96	126.21	67.54	2.67	63.22	64.76	70.12	88.23	7.77	67.1	79.92	93.4
2021-01-01	121.64	14.02	81.61	107.31	128.82	68.98	3.4	63.31	66.59	74	88.46	7.59	68.78	83.43	94.21
2021-01-08	122.8	14.54	80.81	108.46	129.79	71.14	3.98	63.34	66.36	75.3	89.45	8.23	67.92	83.47	94.66
2021-01-15	121.6	13.51	83.43	107.23	127.79	68.12	2.92	63.24	64.05	71.29	90.01	8.87	66.14	77.49	95.67
2021-01-22	121.59	13.57	85.06	106.32	128.09	69.03	3.02	63.37	66.41	71.49	90.26	6.5	72.59	83.59	95.6
2021-01-29	124.34	14.38	82.33	111.48	130.72	74.66	3.82	63.36	66.85	75.37	89.66	7.27	69.92	82.22	95.19
2021-02-05	121.63	12.86	84.88	109.79	128.45	70.7	3.25	63.38	66.53	72.96	90.23	7.2	69.74	82.61	94.74
2021-02-12	120.79	14.36	80.86	103.72	127.28	70.92	3.51	63.93	67.51	73.92	88.24	7.82	66.21	82.28	93.23
2021-02-19	121.05	13.29	83.55	105.04	127.67	69.84	2.9	64.05	67.56	72.76	89.39	5.89	74.55	83.86	94.85
2021-02-26	122.02	12.17	89.66	110.15	128.69	69.6	3.26	63.96	65.7	72.58	89.54	8.29	67.31	80.47	95.06
2021-03-05	121.86	13.32	84.04	106.48	128.28	68.96	2.93	64	66.1	70.99	88.59	7.56	68.95	82.03	94.85
2021-03-12	121.66	12.06	87.98	108.93	128.1	71.84	2.82	63.95	64.46	70.21	89.53	9.34	65.54	76.86	95.27
2021-03-19	121.8	13.16	84.8	102.62	127.07	69.35	2.79	64.04	67.18	71.23	88.97	7.25	69.91	83.3	93.81
2021-03-26	123.77	12.49	87.26	113.17	130.2	73.48	3.14	64.12	65.4	72.45	89.28	8.23	68.16	79.63	95.34
2021-04-02	121.86	13.44	84.09	106.19	128.04	76.18	3.74	63.92	65.3	72.59	89.51	7.78	68.62	80.32	95.41
2021-04-09	120.21	12.72	82.28	106.07	125.2	69.77	2.83	63.9	65.31	69.84	88.83	7.86	66.88	80.57	94.16
2021-04-16	120.31	13.74	81.4	103.54	126.41	77.89	2.83	63.82	64.03	68.27	90.44	9.13	65.54	75.85	95.2
2021-04-23	122.53	12.9	85.25	108.47	128.37	72	3.63	63.92	65.22	73.89	89.58	8.31	67.67	78.3	95.66
2021-04-30	123.78	13.76	85.76	111.01	130.67	70.75	3.34	64.01	64.78	73.26	89.94	8.4	68.39	80.37	96.12
2021-05-07	120.65	13.05	83.18	106.38	126.1	68.77	2.67	63.89	64.42	69.52	88.88	8.88	66.18	79.86	95.17
2021-05-14	120.14	13.91	81.85	105.81	126.53	68.57	2.5	63.89	64.54	69.41	89.81	8.27	68.75	80.76	96.52
2021-05-21	123.34	12.97	87.15	107.73	129.69	68.85	2.99	63.93	64.8	71.76	89.27	7.87	67.77	80.68	95.73
2021-05-28	124.8	14.12	85.44	110.14	132.31	73.16	3.91	64.01	64.77	74.92	90.55	8.86	66.02	81.68	95.87
2021-06-04	122.96	12.93	86.12	107.42	128.05	101.62	7.04	63.2	64.91	73.14	91.03	8.46	66.76	83.25	96.85

2021-06-11	124.15	15.14	85.16	111.21	130.56	68.84	2.95	63.23	63.95	70.68	90.72	9.49	66.09	79.35	96.16
2021-06-18	121.44	13	87.03	108.93	128.18	80.36	4.11	63.26	64.1	71.39	90.46	8.14	68.87	81.08	96.54
2021-06-25	126.53	13.77	90.95	112.32	133.75	71.98	3.61	63.31	64.68	73.3	90.77	8.74	67.44	83.73	97.18
2021-07-02	117.22	10.95	87.84	104.38	122.57	67.29	2.17	63.17	63.78	67.32	88.39	7.26	69.66	81.13	93.89
2021-07-09	123.26	13.39	87.94	109.5	129.98	67.04	2.24	63.33	64.18	68.16	87.2	6.69	71.39	80.5	93.4
2021-07-16	120.83	12.44	87.94	107.97	127.66	72.82	2.39	63.27	64.19	67.7	87.93	6.72	69.99	80.33	92.75
2021-07-23	127.68	13.58	90.62	113.86	135.29	68.64	3.23	63.37	64.42	72.65	89.29	7.81	69.5	82	95.03
2021-07-30	118.38	11.82	86.19	104.61	124.76	68.6	2.67	61.39	63.17	66.72	87.5	7.41	68.8	79.29	93.7
2021-08-06	126.52	13.95	89.22	112.98	133.97	67.09	2.67	61.46	62.47	67.23	88.72	8.29	66.66	82.09	94.71
2021-08-13	122.59	12.7	89.25	110.56	129.75	78.5	3.23	61.43	62.44	66.66	88.17	7.26	68.37	80.99	94.3
2021-08-20	130.29	15.2	89.17	115.12	137.35	80.05	3.22	61.51	62.68	69.07	89.35	8.2	67.48	81.82	95.36
2021-08-27	117.46	10.6	89.19	106.13	123.74	72.07	3.06	61.33	61.85	66.95	88.74	8.03	67.55	81.65	94.95
2021-09-03	125.26	13.11	90.23	113.53	132.54	75.11	2.83	61.36	61.9	67	89.49	8.93	66.12	80.08	95.15
2021-09-10	126.82	13.53	90.49	115.91	134.2	68.91	3.47	61.44	62.26	70.81	88.67	7.96	67.87	81.05	94.99
2021-09-17	127.81	13.93	88.09	116.01	134.99	67.27	3.43	61.49	62.44	71.15	88.89	8.05	67.64	80.27	94.45
2021-09-24	121.73	13.04	86.94	109.44	128.65	72.7	3.77	61.44	62.89	71.5	88.36	7.73	67.22	81.89	94.16
2021-10-01	126.48	14.53	85.34	112.87	133.46	68.76	2.65	61.38	61.88	67	88.56	8.48	66.02	77.37	94.18
2021-10-08	130.33	14.09	89.69	116.62	137.52	87.56	4.69	61.49	64.15	71.81	88.7	7.95	66.8	80.65	94.4
2021-10-15	122.15	11.86	89.23	110.2	128.6	69.5	2.63	65.67	66.73	72.38	88.3	8.39	66.33	79.53	94.42
2021-10-22	124.69	13.75	87.56	108.31	131.79	70.73	2.74	65.79	68.99	74.25	88	6.62	71.39	84.1	92.37
2021-10-29	124.18	13.39	83.78	107.48	128	71.48	3.23	65.73	68.33	74.81	87.68	6.93	69.81	82.52	92.95
2021-11-05	133.54	15.72	88.23	114.55	142.19	72.35	3.05	66.69	69.89	76.67	88.55	4.88	76.86	84.83	92.84
2021-11-12	124.43	13.69	85.87	111.21	131.1	72.67	4.16	65.79	68.06	78.48	88.66	7.9	68.59	81.38	94.93
2021-11-19	128.4	15.57	84.94	110.31	135.81	71.58	2.96	65.79	68.04	73.66	86.96	7.04	67.5	80.86	92.01
2021-11-26	121.74	14.24	81.82	103.98	127.3	70.91	3.29	65.64	67.37	75.17	85.73	7.87	66.01	79.28	90.82
2021-12-03	132.76	16.94	84.74	112.07	140.69	71.5	3.53	65.74	67.88	76.46	89.13	7.51	69.19	81.93	94.46
2021-12-10	123	13.6	84.79	105.66	129.49	77.86	2.6	65.68	69.32	72.91	88.72	6.84	70.9	84.95	93.88
2021-12-17	130.61	16.54	85.15	112.86	138.85	70.82	2.82	65.84	69.01	74.71	89.18	6.64	72.47	83.04	95.32
2021-12-24	126.08	15.97	80.78	106.3	132.48	82.81	2.46	65.97	68.88	71.81	87.21	5.84	72.54	83.06	90.78
2022-01-01	133.47	17.03	86.38	111.84	141.69	72.75	3.7	66.04	69.88	78.3	89.28	5.83	74.51	85	93

2022-01-08	124.15	15.17	82.54	106.66	131.09	77.01	3.03	65.59	67.32	74.02	88.2	7.84	68.17	80.13	94.07
2022-01-15	129.13	16.75	82.95	110.79	136.72	69.99	2.86	65.55	66.47	73.72	87.01	8.31	65.75	76.76	92.19
2022-01-22	124.62	15.6	79.35	107.68	130.58	68.57	2.13	65.54	66.17	69.95	87.16	8.21	65.1	76.27	92.91
2022-01-29	132.2	15.86	89	113.78	140.49	75.49	3.94	65.58	67.85	77.77	88.7	7.66	67.62	82.06	93.54
2022-02-05	122.96	13.61	83.36	105.27	128.02	69.3	2.58	65.51	66.35	71.25	88.11	8.72	65.37	78.2	94.32
2022-02-12	126.47	14.92	84.59	109.58	133.37	81.47	2.81	65.5	66.34	71.52	87.27	8.24	65.03	78.18	93.6
2022-02-19	123.36	13.34	87.6	110.42	129.95	83.14	3.13	65.58	67.44	71.86	89.42	8.36	67.47	82.77	94.77
2022-02-26	131	16.99	82.49	115.04	138.42	71.58	3.56	65.64	66.84	75.78	88.53	8.6	67.06	78.84	94.31
2022-03-05	126.07	13.15	85.23	107.54	128.07	71.47	2.83	65.96	67.04	72.71	89.99	9.05	66.73	79.45	96.07
2022-03-12	120.91	13.72	82.08	105.77	126.55	77.89	3.03	65.95	67.17	74.34	88.58	8.08	67.49	80	94.47
2022-03-19	121.94	12.77	86.34	110.1	128.54	72.19	2.87	65.94	67.58	72.49	89.17	8.45	67.22	81.73	95.38
2022-03-26	122.77	12.97	86.72	110.36	129.84	70.42	2.95	65.91	67.12	74.14	89.87	8.48	67.67	80.22	96.27
2022-04-02	122.65	13.17	86.4	109.8	129.09	72.2	2.92	65.98	68.63	73.94	89.7	8.19	68.37	84.49	96.05
2022-04-09	120.06	13.79	81.58	104.78	125.81	70.11	2.68	65.92	67.88	73.6	89.01	7.07	70.53	83.25	94.94
2022-04-16	125.49	13.79	86.29	111.61	132.45	77.98	3.19	66.17	68.76	75.18	89.36	6.96	71.44	83.56	94.72
2022-04-23	120.97	13.18	85.13	107.36	127.45	80.14	2.69	66.1	66.87	71.99	89.27	7.95	67.56	77.98	94.42
2022-04-30	123.09	13.37	85.67	111.34	129.99	81.1	3.47	66.21	67.69	74.45	90.08	8.36	67.52	81.24	95.78
2022-05-07	120.21	12.54	84.2	104.4	124.65	71.27	2.68	66.08	68.04	72.25	89.63	7.55	69.25	83.02	95.37
2022-05-14	125.61	13.4	88.27	111.03	132.96	77.46	3.43	66.12	67.85	75.87	89.36	8.33	67.58	82.42	95.04
2022-05-21	121.33	12.48	86.92	106.94	127.59	78.21	3.62	66.02	66.64	74.98	89.57	8.65	67.43	78.31	95.83
2022-05-28	122.39	13.66	86.26	108.34	129.4	85.85	3.33	65.92	66.72	73.47	89.09	8.94	65.98	79.85	95.06
2022-06-04	116.89	12.07	84.24	105.28	123.3	73.3	3.22	65.89	66.57	74.05	88.42	8.06	67.97	79.77	94.65
2022-06-11	129.43	13.76	90.07	110.02	135.62	72.57	3.66	66.07	67.48	76.81	89.02	8.33	67.56	82.86	94.24
2022-06-18	122.62	12.14	87.61	106.58	127.68	78.7	3.19	66.02	66.98	73.43	88.14	7.44	67.93	80.47	93.28
2022-06-25	117.92	12.02	85.12	105.59	124.22	86.2	3.27	65.95	66.45	71.09	87.92	8.42	65.65	79.31	93.62
2022-07-02	121.06	12.48	84.86	103.44	124.97	79.49	4.15	61.89	62.28	69.95	89.01	8.76	66.04	77.52	94.81
2022-07-09	134.28	14.61	90.39	110.84	139.51	69.57	3.33	61.93	62.49	70.72	88.84	8.28	68.14	80.71	94.63
2022-07-16	134.87	13.79	92.25	111.11	137.26	69.34	3.28	61.99	62.66	70.72	87.83	8.45	66.56	80.7	93.71
2022-07-23	122.46	11.18	91.53	107.06	127.79	75.54	2.62	61.91	62.43	65.72	87.98	8.39	65.4	79.65	94.12
2022-07-30	123.69	12.03	89.51	107.77	129.35	67.5	2.32	61.97	62.64	65.86	87.82	7.56	67.47	80.39	93.58

2022-08-06	130.62	13.69	90.85	107.75	135.7	76.37	3.04	61.92	62.41	66.79	87.86	8.95	65.12	79.4	94.23
2022-08-13	133.29	13.99	93.72	111.9	139.85	83.15	3.63	61.97	62.52	69.72	89.17	9.02	66.11	80.96	95.21
2022-08-20	118.9	11.33	87.91	106.48	125.44	79.21	3.1	61.91	62.43	67.66	88.8	8.09	67.77	80.17	94.97
2022-08-27	121.26	11.14	90.4	107.53	126.5	71.21	3	61.95	62.44	66.54	88.29	7.86	66.14	80.31	93.19
2022-09-03	127.55	14.57	86.27	105.48	134.07	71.15	2.97	61.94	62.48	67.48	88.07	8.45	65.61	80.08	94
2022-09-10	131.73	13.62	93.01	113.73	136	70.8	3.03	62.07	62.67	68.43	89.08	8.02	68.66	79.61	95.16
2022-09-17	116.7	10.76	87.9	104.7	123.77	77.85	2.76	61.87	62.41	66.5	87.56	8.12	65.08	79.99	93.06
2022-09-24	124.77	12.81	89.95	109.19	131.63	66.75	2.37	61.89	62.21	65.5	87.26	8.24	65.99	77.97	93.46
2022-10-01	125.7	13.68	88.42	110.87	132.39	65.45	2.28	61.9	62.22	65.53	86.92	8.55	65.02	75.41	93.08
2022-10-08	130.38	13.75	92.5	114.63	137.6	77.13	2.35	61.93	62.33	66.42	86.93	8.56	65.62	77.92	92.98
2022-10-15	121.37	12.35	84.33	104.22	125.18	88.69	3.95	62.43	62.82	66.56	87.25	8.16	65.76	78.83	93.1
2022-10-22	124.8	13.04	87.4	110.58	130.7	68.13	3.3	62.5	65.16	72.37	88.6	8.03	67.29	82.35	94.22
2022-10-29	126.48	14.15	86.66	111.83	133.93	68.28	3.41	62.6	64.81	72.61	89.79	7.82	68.85	82.88	95.45
2022-11-05	126.7	13.78	89.44	110.42	133.8	74.04	2.87	62.69	66.14	69.94	89.43	6.98	70.43	84.75	93.56
2022-11-12	124.41	14.51	83.52	109.66	130.55	67.01	2.42	62.61	64.54	68.33	89.7	7.08	70.24	81.55	95.48
2022-11-19	127.4	14.51	86.27	109.97	134.59	68.9	3.17	62.59	63.56	72.14	89.51	7.96	68.16	79.37	94.65
2022-11-26	127.03	14.62	86.64	111.99	134.56	67.77	2.83	62.65	65.47	70.97	89.33	7.52	67.97	84.04	94.82
2022-12-03	127.67	14.49	87.32	111.9	135.1	69.46	2.95	62.69	65.35	71.13	89.67	7.57	69.91	82.92	95.44
2022-12-10	126	14.61	85.92	110.84	133.09	69.23	2.61	62.54	64.64	68.88	89.14	7.9	66.56	82.21	93.91
2022-12-17	124.84	14.03	83.08	110.1	131.63	68.17	3.24	62.58	64.98	71.32	89.59	7.65	69.7	82.68	95.8
2022-12-24	127.57	15.88	83.22	109.47	135.13	68.85	3.21	62.88	66.43	73.33	88.36	6.12	72.98	84.07	94.31
2023-01-01	123.04	14.31	82.11	108.29	129.98	66.35	2.36	62.54	64.42	68.17	88.2	7.53	67.49	81.38	92.86
2023-01-08	122.61	14.18	83.83	109.71	129.45	67.85	2.32	62.82	65.87	69.33	88.24	5.71	74.18	83.53	93.79
2023-01-15	125.66	13.86	84.99	108.69	130.86	77.18	3.12	62.64	64.3	70.81	88.65	7.05	71.48	81.68	95.17
2023-01-22	127.97	14.04	86.62	108.85	133.88	79.38	3.91	62.52	63.92	73.72	88.74	8.17	67.46	80.5	94.88
2023-01-29	123.82	14.32	83.79	107.35	130.25	66.98	2.75	62.51	63.62	69	88.82	8.51	67.57	80.16	94.92
2023-02-05	124.88	14.62	85.49	110.93	131.9	67.45	2.77	62.66	65.42	70.88	89.11	6.58	71.4	82.7	95.16
2023-02-12	123.51	14.11	84.95	107.52	130.16	66.73	2.7	62.46	63.46	69.27	88.66	8.3	67.34	79.98	95.3
2023-02-19	127.88	13.67	88.89	112.92	134.91	69.16	3.13	62.52	66.83	71.94	89.72	7.45	68.44	85.83	94.18
2023-02-26	123.13	13.86	84.69	108.88	129.4	67.79	2.85	62.51	65.6	70.37	89.75	7.06	70.43	83.86	95.44

2023-03-05	124.48	13.41	88.15	111.25	131.13	67.17	2.57	62.55	65.52	69.33	89.11	7.53	69.26	83.82	95.36
2023-03-12	124.63	14.71	84.48	109.88	131.38	68.58	2.72	62.67	65.55	69.78	89.36	7.38	69.56	81.81	95.19
2023-03-19	125.09	13.08	88.76	113.96	132.17	70.6	3	64.42	65.6	71.66	88.41	8.34	66.84	79.43	94.22
2023-03-26	122.78	14.87	82.02	105.34	129.32	69.23	2.48	64.38	65.99	69.69	88.75	7.4	68.69	80.64	94.65
2023-04-02	121.2	13.4	84.45	106.77	127.99	67.87	2.45	64.37	65.99	70.12	87.69	7.77	67.04	80.76	92.21
2023-04-09	125.62	14.3	87.33	112.52	132.81	69.19	2.6	64.44	66.51	70.34	89.61	7.97	68.31	82.6	95.51
2023-04-16	123.51	12.15	90.37	111.43	129.62	89.1	2.79	64.58	67.4	71.19	88.65	7.28	70.31	84.38	94.1
2023-04-23	123.28	13.03	87.61	109.28	129.19	68.51	2.63	64.39	65.07	71.1	88.57	8.43	66.96	78.34	94.77
2023-04-30	122.17	13.02	86.19	107.92	128.81	70.49	2.84	64.35	65.22	71.74	88.51	8.25	66.91	79.76	95.11
2023-05-07	130.66	16.02	87.53	113.74	138.64	79.48	2.97	64.41	65	71.84	88.95	8.85	66.69	78.4	94.94
2023-05-14	129.15	14.6	88.64	111.42	135.79	70.69	2.68	64.48	65.14	69.92	89.61	8.56	68.2	79.39	95.84
2023-05-21	131.98	16.6	85.55	111.27	139.83	76.63	3.05	64.47	65.23	71.91	88.8	8.53	66.44	81.19	95.16
2023-05-28	122.05	12.97	85.59	104.91	127.69	68.81	2.25	64.42	65.68	68.46	87.91	6.61	71.15	81.24	93.81
2023-06-04	132.32	16.76	87.93	113.11	140	78.19	3.61	64.39	65.82	74.38	89.1	8.04	66.84	81.45	94.32
2023-06-11	125.99	12.95	89.17	108.53	131.98	69.28	2.63	64.34	65.09	70.13	88.06	7.67	67.88	80.85	94.14
2023-06-18	130.95	15.38	89.64	112.93	138.5	75.59	2.49	64.39	65.7	70.06	87	7.2	67.71	81.61	92.23
2023-06-25	120.87	12.56	86.43	107	126.96	71.89	2.46	64.36	65.1	68.71	87.15	7.17	69.49	79.91	93.11
2023-07-02	139.32	17.36	90.36	114.89	147.18	94.52	4.6	63.71	64.93	73.16	90.6	8.66	66.77	82.23	94.95
2023-07-09	123.73	12.79	87.82	104.73	130.39	73.09	2.42	63.55	64.39	67.65	86.76	6.1	71.61	80.42	92.24
2023-07-16	131.01	14.52	91.57	113.04	138	68.06	2.37	63.65	64.75	69.16	87.75	6.7	71.22	81.45	93.16
2023-07-23	118.84	11.55	86.46	105.75	124.71	78.38	3.27	63.48	64.15	70.56	88.12	7.8	67.54	80.4	94.83
2023-07-30	140.56	16.98	91.45	115.87	148.83	74.11	3.62	63.66	64.47	73.94	88.17	7.79	68.88	81.47	94.1
2023-08-06	127.51	12.63	87.74	107.06	128.33	76.96	2.67	63.52	64.23	68	87.82	7.68	68.28	79.85	93.86
2023-08-13	124.55	13.63	87.13	107.8	130.52	68.2	2.39	63.5	63.95	67.59	88.07	9.1	65.82	79.55	94.01
2023-08-20	116.36	11.31	86.16	103.15	123.04	73.32	2.78	63.43	63.87	67.65	88.37	8.7	65.74	80.87	93.71
2023-08-27	136.15	16.32	90.1	113.97	143.67	93.93	4.2	63.55	64.53	73.21	87.57	8.18	66.64	80.39	93.85
2023-09-03	128.94	12.81	92.71	110.42	135.4	69.48	2.69	63.49	64.11	69.36	90.37	8.57	67.84	79.96	95.4
2023-09-10	119.26	11.72	88.37	106.84	125.72	68.36	2.19	63.47	63.78	67.29	88.22	8.71	66.33	77.66	94.58
2023-09-17	119.87	12.44	87.11	104.3	126.46	82.96	2.82	63.5	64.2	68.35	87.45	7.41	68.26	80.09	93.28
2023-09-24	131.16	14.48	89.22	111.94	138.15	72.91	2.69	63.56	65.06	70.58	87.76	7.25	68.8	81.19	93.09

2023-10-01	129.7	14.42	88.46	112.41	136.17	70.64	2.88	63.56	64.18	71.04	88.16	8.34	66.52	77.16	94.42
2023-10-08	117.96	13.49	81.64	102.57	124.75	73.06	2.7	63.49	64.44	69.04	87.19	8.3	65.63	79.52	93.12
2023-10-15	131.44	16.39	85.2	108.86	138.66	88.28	4.11	63.02	63.97	71.01	87.29	8.22	65.42	76.18	92.85
2023-10-22	128.02	15.16	84.38	110.14	135.68	67.27	2.98	62.98	64.13	71.3	87.86	8.83	64.69	78.96	93.68
2023-10-29	133.5	16.26	88.67	113.1	141.08	68.02	3.35	63.06	64.61	73.6	86.66	7.17	68.09	79.58	91.93
2023-11-05	119.26	12.76	84.01	102.39	125.41	68.31	2.45	62.99	65.35	69.36	86.06	6.85	67.23	81.64	90.81
2023-11-12	131.72	15.29	89.32	113.73	139.54	67.01	2.69	63.02	64.27	70.25	87.77	7.65	67.75	79.59	93.43
2023-11-19	128.82	14.32	87.83	111.24	136.35	68.89	2.78	63.09	64.94	70.58	88.41	7.09	68.95	80.77	93.65
2023-11-26	134.69	17.93	86	113.92	142.65	76.64	3.46	63.02	64.65	72.58	86.54	7.76	66.68	79.08	91.97
2023-12-03	122.83	14.17	83.9	106.07	129.23	78.29	3.25	62.96	64.64	72.41	88	7.96	67.81	80.17	94.5
2023-12-10	132.46	15.46	90.15	114.28	140.17	74.54	3.23	63	64.13	71.82	87.93	8.5	67.22	80.07	94.09
2023-12-17	129.06	16.26	82.74	112.08	136.35	66.55	2.45	63.02	64.16	69.53	87.33	8.04	66.01	77.18	93.08
2023-12-24	131.16	16.88	85.52	109.41	138.97	67.85	2.58	63.1	66.72	70.49	87.74	6.65	70.68	83.51	91.16
2024-01-01	122.74	14.49	82.23	106.34	129.77	67.46	2.62	62.93	64.48	69.47	87	8	65.22	79.25	92.37
2024-01-08	133.87	14.67	92.04	114.97	139.21	70.62	3.69	63.16	67.59	74.77	88.84	6.84	71.92	86.1	93.37
2024-01-15	128.7	15.22	85.79	109.75	135.87	82.59	3.6	62.99	64.75	72.65	88.11	7.41	67.26	78.29	93.92
2024-01-22	131.18	16.28	87.31	112.21	138.79	81.87	3.3	63.07	66.84	72.72	87	6.39	70.69	82.87	92.76
2024-01-29	124.83	14.58	85.06	109.09	132.09	66.35	2.33	62.92	64.01	68.14	86.99	7.72	67.66	78.92	93.52
2024-02-05	130.87	15.89	85.66	114.76	138.17	73.03	3.39	62.98	64.39	72.57	88.83	8.57	67.21	79.41	94.99
2024-02-12	129.08	14.65	87.6	112.59	136.28	67.11	2.59	63.01	64.77	69.88	87.44	7.18	67.79	79.92	93.13
2024-02-19	129.81	16.36	84.75	113.29	137.31	67.85	2.92	62.91	64.75	71.1	87.55	7.83	67.23	79.56	93.44
2024-02-26	125.06	13.59	88.39	110.42	131.47	88.56	3.01	61.66	65.79	69.62	88.87	5.96	72.58	85.19	94.05
2024-03-04	131.66	16.83	84.72	110.47	139.42	67.02	3.1	61.16	63.35	69.99	88.76	8.05	66.67	80.5	93.8
2024-03-11	126.81	13.13	91.24	114.33	132.96	65.89	2.62	61.2	62.51	66.89	87.82	7.9	67.55	80.15	93.39
2024-03-18	125.81	14.28	85.35	109.89	132.7	79.01	2.97	61.13	61.77	68.56	87.83	8.77	66.38	77.15	94.53
2024-03-25	129.15	14.64	86.39	112.46	136.04	67.93	2.84	61.25	63.2	67.43	89.86	7.69	68.21	81.65	94.42
2024-04-01	131.58	16.13	86	114.91	138.56	84.02	3.02	61.17	62.46	67.67	89.08	8	68.02	80.81	95.17
2024-04-08	136.58	15.3	92.88	120.35	144.44	70.29	3.9	61.2	62.74	71.57	89.34	8.38	67.33	80.78	95.38
2024-04-15	126.62	14.1	84.71	105.18	130.82	71.56	3	61.12	62.46	67.3	88.94	7.77	68.81	82.02	95.36
2024-04-22	132.42	15.4	86.2	112.79	139.51	70.9	3.11	61.2	62.76	69.25	89.16	7.89	68.84	79.98	95.73

2024-04-29	133.85	16.44	87	110.63	141.24	75.2	3.14	61.18	62.2	67.87	89.59	8.03	69.01	80.88	95.74
2024-05-06	139.05	17.14	90.88	119.7	147.36	66.91	3.65	61.23	62.58	72.81	88.76	8.4	66.33	81.75	94.94
2024-05-13	129.99	14.97	86	107.12	135.43	65.47	2.53	61.21	63.18	67.46	88.95	7.41	69.27	83.28	95.03
2024-05-20	136.94	17.52	87.46	110.55	145.26	67.54	3.06	61.25	63.19	69.56	89.36	7.26	70.92	82.97	95.3
2024-05-27	136.92	16.31	91.03	114.62	143.75	77.6	3.63	61.15	62.18	71.16	89.25	8.33	67.81	81.38	95.85
2024-06-03	138.55	16.51	92.75	116.66	146.45	72.14	4.25	61.16	62.74	74.02	88.5	8.31	66.75	83.55	94.49
2024-06-10	132.32	14.37	89.89	109.01	137.74	73.92	3.34	61.27	63.25	69.56	89.7	7.72	68.27	82.13	94.62
2024-06-17	134.77	14.79	90.9	110.64	142.37	84.67	2.94	61.14	61.83	67.2	87.9	8.05	66.79	80.21	93.42
2024-06-24	138.46	15.71	91.93	113.6	145.74	67.52	3.25	61.26	62.37	69.77	89.22	7.86	68.97	81.34	94.91
2024-07-01	136.83	16.1	91.82	116.25	144.6	81.09	4.26	61.23	62.33	70.87	88.88	8.32	67.73	81.39	94.91
2024-07-08	129.06	14.04	90.05	108.8	135.8	77.38	2.81	65.9	66.52	72.07	90.33	8.29	69.07	80.87	96.68
2024-07-15	125.63	13.02	88.55	107.93	132.11	71.5	2.47	65.86	66.67	70.41	89.09	7.54	69.18	82.12	94.97
2024-07-22	136.43	14.45	93.82	117.53	144.05	83.28	3.76	66.03	67.34	76.26	90.57	7.49	70.79	83.59	96.45
2024-07-29	131.64	14.86	90.19	112.99	138.54	80.52	3.81	65.94	66.75	74.17	89.84	7.91	69.09	82.28	96.06
2024-08-05	130.59	14.04	91.05	109.4	137.57	88.22	3.68	66.06	66.94	73.23	89.63	7.6	71.05	81.82	95.89
2024-08-12	124.3	12.49	89.7	107.39	130.15	84.03	3.3	65.89	66.43	72.34	90.09	8.01	69.08	81.69	96.09
2024-08-19	137.37	16.48	93.98	117.52	144.88	90.81	4.01	66.07	67.07	76.2	89.95	8.18	68.67	82.46	95.92
2024-08-26	128.86	14.47	89.33	111.44	135.92	79.74	3.82	65.92	66.53	75.44	90.33	9.06	66.93	82.46	96.78
2024-09-02	127.05	12.75	91.54	108.74	132.56	81.13	3.39	65.91	66.37	71.3	90.98	9.01	67.26	82.11	96.79
2024-09-09	120.97	12.74	85.85	105.24	126.41	82.13	3.02	65.85	66.47	72.81	89.72	8.41	67.05	80.96	96.33
2024-09-16	136.66	15.7	93.26	121.35	144.05	70.01	2.62	66.01	66.8	72.8	90.07	8.46	68.3	81	96.42
2024-09-23	127.37	13.56	88.02	110.77	131.94	73.9	3.11	65.96	67.11	74.73	90.44	7.7	70.08	81.89	96.33
2024-09-30	124.06	13.68	86.82	108.36	130.82	71.58	2.92	65.89	66.58	73.21	88.5	8	67.77	80.07	94.79
2024-10-07	123.33	12.74	86.52	108.03	128.19	77.5	3.3	65.88	66.91	73.09	89.42	8.8	67.18	79.08	96
2024-10-14	133.46	13.58	94.35	116.88	140.49	73.21	3.57	66.93	68.36	77.11	89.4	8.16	68.73	82.22	95.5
2024-10-21	132.19	14.85	87.14	110.78	137.81	72.53	3.04	66.95	68.1	75.46	89.28	8.62	66.7	80.24	95.01
2024-10-28	128.69	13.53	88.89	108.52	133.53	73.92	3.03	66.98	69.42	74.99	89.51	7.35	69.51	83.06	94.88
2024-11-04	132.37	16.46	83.89	109.56	139.35	70.66	3.02	66.89	67.46	75.69	87.72	9.16	65.69	74.98	93.75
2024-11-11	134.39	15.06	89.37	112.66	141.64	84.54	2.97	67.13	70.45	76.07	89.05	6.59	72.59	85.17	94.28
2024-11-18	131.74	15.67	86.32	113.3	138.07	72.48	2.7	67.28	71.14	74.98	90.79	6.63	73.4	86.66	96.4

2024-11-25	130.87	15.97	84.02	110.74	137.12	71.51	2.61	66.94	68.86	73.56	88.91	8.23	66.58	81.51	95.46
2024-12-02	134.47	18.06	82.21	113.32	142.71	73	3.21	66.93	67.98	76.05	89.84	8.78	66.56	79.33	95.3
2024-12-09	134	16.2	87.05	113.96	141.33	73.49	3.28	66.94	68.54	75.55	90.19	9.06	67.53	82.18	95.2
2024-12-16	134.41	17.5	83.13	114.16	141.58	72.67	3.56	66.98	69.2	77.78	89.54	7.49	70.86	83.37	95.55
2024-12-23	126.45	15.26	83.23	107.92	133.2	71.56	2.56	67	70.15	73.64	88.82	6.93	70.95	84.43	93.63

Table 14c: Haro Strait weekly sound pressure levels (SPL) in decibels (dB). Mean (Avg) and standard deviation (Std), Q₅, Q₅₀ and Q₉₅ levels for rain and commercial vessels are given.

Date	Avg 19500-20500 Hz	Std 19500-20500 Hz	Q5 19500-20500 Hz	Q50 19500-20500 Hz	Q95 19500-20500 Hz	Avg 57-71 Hz	Std 57-71 Hz	Q5 57-71 Hz	Q50 57-71 Hz	Q95 57-71 Hz	Avg 113-141 Hz	Std 113-141 Hz	Q5 113-141 Hz	Q50 113-141 Hz	Q95 113-141 Hz
2019-01-01	80.28	6.8	65.09	73.81	85.28	117.2	16.03	72.67	97.59	123.42	106.88	12.87	70.82	89.2	112.68
2019-01-08	79.19	5.65	65.29	72.71	83.26	113.94	15.02	70.87	97.47	120.05	106.85	12.85	69.62	90.16	112.82
2019-01-15	79.97	5.66	66.11	75.02	84.92	117.65	15.6	72.94	97.74	123.28	108.33	12.87	72.67	92.48	113.99
2019-01-22	79.74	7.04	64.61	71.89	85.34	119.05	14.24	76.31	100.76	123.13	107.63	12.45	73.46	92.65	113.98
2019-01-29	80.28	6.27	64.9	72.87	85.3	115.44	14.95	72.97	100.25	121.48	106.6	12.73	70.95	92.46	112.79
2019-02-05	80.02	6.46	64.7	74.99	82.47	114.19	14.62	72.4	96.09	120.23	106.86	12.66	68.9	90.85	111.97
2019-02-12	78.59	5.72	65.06	73.64	83.02	114.84	15.38	72.61	94.68	120.3	106.16	12.83	71.8	89.27	112.63
2019-02-19	80.5	5.78	65.35	75.56	84.74	115.52	13.2	78.12	100.33	121.23	107.58	12.07	74.83	92.37	114.12
2019-02-26	80.71	3.17	74.82	78.82	83.79	111.04	13.95	74	94.9	117.58	106.43	10.77	79.35	89.41	112.77
2019-03-05	80.83	6.76	65.02	70.83	86.51	116.84	13.98	75.93	102.61	122.3	113.14	12.24	74.18	95.75	115.58
2019-03-12	79.57	6.46	64.87	70.7	85.36	114.42	15.24	71.63	97.44	119.89	107.91	12.92	71.42	92.45	113.9
2019-03-19	79.99	6.01	65.44	71.58	85.17	118.26	12.56	81.67	104.87	122.81	109.26	10.64	78.85	96.57	114.44
2019-03-26	80.4	6.91	64.77	69.87	86.54	114.69	15.05	72.2	97.55	121.03	107.88	13.1	71.3	93.32	114.49
2019-04-02	84.89	6.65	65.27	73.18	85.81	112.73	13.58	74.54	98.15	119.1	108.15	12.25	72.67	93.63	113.79
2019-04-09	82.19	6.13	66.81	76.6	87.55	114.9	14.89	73.09	100.73	120.92	108.66	11.7	76.1	95.23	114.35
2019-04-16	81.73	7.37	65.11	71.27	88.75	115.26	13.59	75.87	102.95	120.88	107.36	11.55	73.89	95.36	113.71
2019-04-23	80.55	7.02	64.88	70.63	85.7	114.04	14.67	72.24	96.35	119.81	107.98	12.47	72.69	93.53	114.34
2019-04-30	80.16	6.78	64.76	70.03	84.39	113.86	13.98	74.72	96.27	119.58	108.21	11.75	75.26	93.6	113.92
2019-05-07	82.14	6.51	65.07	70.42	85.69	115.3	15.01	73.43	100.32	121.44	110.09	12.77	73.59	97.2	115.97

2019-05-14	80.28	6.6	65.1	71.75	85.71	116.24	14.72	72.78	100.86	121.12	108.27	12.48	72.92	95.1	114.09
2019-05-21	82.69	8.13	64.83	70.32	89.5	116.47	14.54	75.81	97.96	121.9	107.6	11.43	75.78	94.69	113.76
2019-05-28	80.76	6.46	64.92	72.89	85.61	113.92	13.46	76.01	95.51	119.35	107.64	10.84	78.11	94.97	113.78
2019-06-04	81.39	6.29	65.01	73.15	85.99	113.91	13.51	76.4	97.7	119.67	108.48	10.52	79.59	96.77	114.44
2019-06-11	81.09	6.83	64.57	69.8	85.4	113.05	13.88	73.65	94.95	118.76	107.37	10.96	77.27	95.07	113.41
2019-06-18	82.11	5.81	65.89	75.95	85.9	113.7	13.58	74.41	95.52	119.21	108.15	10.71	78.75	96.98	114.56
2019-06-25	80.69	7.16	64.16	69.68	86.21	112.9	14.64	70.83	94.21	118.72	107.73	11.45	75.47	94.71	113.97
2019-07-02	81.42	6.61	65.34	74.3	86.97	113.61	13.39	75.76	97.63	118.31	107.83	9.83	81.67	99.34	113.95
2019-07-09	80.39	6.92	64.61	69.06	85.99	109.78	12.28	76.67	93.75	115.74	106.23	9.78	79.45	95.13	112.09
2019-07-16	81.11	6.26	64.82	71.06	84.35	112.32	12.59	75.43	94.59	116.15	107.57	10.16	79.5	95.88	112.46
2019-07-23	80.61	6.73	64.2	70.88	84.74	111.95	13.69	72.55	92.22	117.02	105.07	10.63	75.41	94.07	111.6
2019-07-30	80.48	6.6	64.95	72.75	85.33	110.85	12.93	74.5	96.98	117.15	107.72	10.27	79.05	97.6	113.66
2019-08-06	80.37	6.21	64.68	71.53	84.55	112.49	13.53	73.68	92.88	117.65	106.11	10.34	77.99	94.15	112.61
2019-08-13	78.58	6.38	64.36	70.11	84.42	109.89	12.46	74.87	95.34	116.44	106.13	10.23	77.66	96.14	111.95
2019-08-20	78.92	6.48	63.95	68.54	84.3	109.65	13.41	71.29	91.45	115.41	105.42	10.97	75.28	93.8	111.44
2019-08-27	80.45	6.75	63.99	70.23	84.18	111.95	12.44	75.9	97.4	117.1	107	10.26	77.26	95.92	112.58
2019-09-03	79.38	6.08	64.37	71.55	83.84	112.42	12.9	75.35	96.63	118.06	106.56	10.24	77.42	95.19	112.5
2019-09-10	79.98	7.31	64.06	68.78	87.49	110.44	12.66	75.75	95	116.6	106.04	10.3	76.83	95.01	112.15
2019-09-17	79.14	7.31	63.83	69.4	85.69	110.42	13.32	72.73	91.79	116.17	106.16	10.72	75.61	92.51	112.07
2019-09-24	78.61	6.2	64.4	71.21	85.2	110.87	12.42	75.53	96.25	116.22	104.42	9.96	76.91	95.23	110.63
2019-10-01	79.53	6.89	63.8	69.4	85.33	110.1	13.92	69.81	92.1	115.59	105.11	11.76	71.15	92.4	111.16
2019-10-08	78.15	6.18	63.94	70.14	82.4	110.07	14.46	70.51	91.08	116.2	106.04	12.41	71.42	90.29	112.14
2019-10-15	80.05	6.63	64.43	73.62	86.43	111.24	14.49	70.25	90.36	116.7	105.28	11.7	72.77	89.15	111.41
2019-10-22	79.46	6.98	64.07	69.57	85.77	113.25	13.86	72.91	94.76	118.01	107.68	11.89	73.7	93.26	113.49
2019-10-29	82.56	6.79	63.79	68.47	84.72	112.31	14.31	72.2	93.84	118.07	108.23	12.74	71.76	93.12	114.23
2019-11-05	77.12	6.08	63.73	66.83	82.61	111.25	16.47	67.15	90.53	117.64	106.32	13.87	67.86	89.09	112.39
2019-11-12	80.8	7.15	64.05	72.24	86.61	113.55	14.96	71.52	95.22	119.77	107.57	12.27	72.74	92.44	113.71
2019-11-19	81.75	7.06	64.62	72.69	87.42	114.77	14.61	74.09	97.31	120.99	109.23	12.14	75.32	94.08	115.3
2019-11-26	80.55	6.12	65.2	75.64	84.96	114.14	15.33	71.51	100.68	120.01	108.71	12.82	71.99	91.82	114.45
2019-12-03	78.61	6.36	64.08	70.24	83.8	111.49	14.76	70.4	92.44	117.61	107.11	13.9	68.83	91.06	113.02

2019-12-10	79.37	6.91	64.22	72.03	84.99	113.24	15.05	72.32	98.1	118.82	106.33	12.8	70.3	91.98	112.56
2019-12-17	82.41	6.46	67.08	77.04	88.89	113.17	14.11	72.76	97.69	118.79	107.51	12.41	72.49	92.1	113.29
2019-12-24	79.2	6.29	64.56	73.56	84.16	112.45	15.49	68.97	97.45	118.03	107.79	13.56	68.25	90.97	113.21
2020-01-01	81.39	4.72	69.91	78.95	87	112.39	13.56	74.05	90.93	117.36	105.86	10.73	75.79	89.21	111.78
2020-01-08	80.74	5.92	65.62	77.5	85.72	112.38	13.71	75.17	98.89	118.37	106.6	11.23	75.5	92.34	112.53
2020-01-15	79.2	5.41	65.46	75.6	81.57	112.69	13.81	73.09	94.74	118.52	105.66	11.45	73.18	91.41	112.12
2020-01-22	81.65	6.47	65.15	76.62	86.88	111.45	14.74	71.75	97.36	117.95	106.31	12.23	72.5	92	112.74
2020-01-29	81.39	6.96	64.77	75.4	88.14	113.35	15.14	71.53	91.99	118.82	108.01	13.24	70.68	88.35	113.74
2020-02-05	82.22	7.69	64.83	76.3	88.98	113.99	14.76	72.63	99.33	119.74	106.93	12.2	72.54	93.28	113.45
2020-02-12	79.14	6.26	64.35	74.34	83.52	112.51	14.58	71.63	95.26	118.55	106.58	12.05	72.58	90.11	112.49
2020-02-19	79.6	6.12	64.69	72.89	84.14	113.29	13.35	75.83	100.01	119.3	108.81	11.85	74.65	94.25	115.04
2020-02-26	80.04	6.79	64.19	72.09	85.29	114.2	14.9	72.37	95.65	119.72	107.54	12.65	72.54	92.43	113.59
2020-03-04	78.69	6.38	64.27	71.1	83.65	112.42	14.57	72.46	98.73	118.46	107.75	12.61	73.21	92.16	113.97
2020-03-11	80.16	6.02	65.07	73.53	84.19	115.9	11.23	83.1	101.62	119.66	107.25	10.98	76.64	94.04	114.36
2020-03-18															
2020-03-25															
2020-04-01															
2020-04-08															
2020-04-15															
2020-04-22															
2020-04-29															
2020-05-06															
2020-05-13															
2020-05-20															
2020-05-27															
2020-06-03															
2020-06-10															
2020-06-17															
2020-06-24															
2020-07-01															

2020-07-08															
2020-07-15	80.88	5.94	65.31	70.63	82.78	120.29	13.74	75.83	98.54	119.07	109.24	12.22	74.98	92.82	113.33
2020-07-22	80.6	5.91	66.53	72.64	83.89	112.92	11.38	83.29	102.54	119.08	107.23	9.41	82.12	97.11	113.18
2020-07-29	78.68	5.44	66.28	71.5	82.77	112.19	12.66	78.28	99.83	118.14	105.51	10.85	75.38	95.09	111.09
2020-08-05	80.17	6.39	66.15	71.96	86.18	110.75	12.13	79.22	98.26	117.45	105.47	10.22	77.52	94.32	111.63
2020-08-12	78.67	5.79	65.82	70.39	83.3	110.72	12.26	76.97	98.04	116.63	103.85	9.84	77.05	93.58	110.17
2020-08-19	80.48	6.49	66.42	71.68	86.27	113.81	11.54	83.2	104.02	120.3	106.33	9.04	81.88	97.94	112.25
2020-08-26	78.29	5.62	66.16	70.53	83.45	110.86	10.63	82.01	100.35	116.7	106.49	9.14	80.95	97.5	112
2020-09-02	79.83	6.05	66.03	70.3	83.97	111.45	12.18	77.11	97.92	117.94	105.39	10.05	77.41	95.67	111.54
2020-09-09	78.81	6.25	65.74	69.71	85.03	108.28	11.69	75.89	95.97	114.76	104.71	9.96	75.68	94.39	110.89
2020-09-16	80.66	6.22	66.15	70.45	86.41	114.46	12.34	80.38	104.71	121.01	107.15	9.84	81.15	97.6	112.86
2020-09-23	82.07	7.02	66.13	72.66	88.7	111.47	12.26	77.67	98.59	117.67	107.63	10.5	76.63	94.89	112.17
2020-09-30	77.99	5.8	65.97	67.96	83.32	112.1	12.92	73.8	98.04	117.26	106.75	11.6	72.39	94.42	111.91
2020-10-07	82.37	7.13	65.96	74.76	88.63	111.42	13.13	74.62	98.4	117.63	107.39	11.48	75.34	95.04	113.49
2020-10-14	82.16	6.59	66.48	74.75	87.39	114.46	10.84	85.99	105.11	121.11	107.63	9.48	82.05	98.28	114.03
2020-10-21	80.48	6.52	65.98	74.26	85.3	111.79	12.71	76.37	97.46	117.9	107.3	10.98	76.65	94.47	112.53
2020-10-28	80.41	7.07	63.96	71.19	87.13	112.65	14.24	69.94	96.23	118.41	107.74	12.04	70.75	94.02	112.62
2020-11-04	80.16	6.73	64	74.7	85.86	114.1	15.4	70.52	94.17	120.46	108.14	12.72	72.2	90.84	114.05
2020-11-11	81.66	6.32	65.02	77.26	86.08	113.55	14.51	73.67	96	119.28	107.18	11.56	75.85	93.07	113.5
2020-11-18	79.7	6.27	64.57	73.97	85.49	113.68	15.16	71.35	95.33	119.94	108.32	12.86	71.93	92.5	114.66
2020-11-25	79.41	6.78	64.1	73.65	84.08	113.71	15.66	71.69	94.3	120.57	107.56	12.88	72.13	90.85	114.13
2020-12-02	80.18	6.35	64.19	71.61	84.67	113.18	15.8	68.5	93.65	118.59	107.32	13.32	70.01	91.2	113.45
2020-12-09	80.93	7.06	64.59	72.98	86.46	113.25	15.88	70.53	93.69	120.12	107.94	13.14	71.61	91.84	114.2
2020-12-16	81.77	6.36	65.57	77.77	88.09	112.83	14.18	74.41	94.92	118.64	107.14	11.21	76	91.18	112.28
2020-12-23	78.79	6.21	64.13	72.13	82.74	112.52	16.35	67.66	90.49	118.67	106.41	13.5	69.6	87.94	112.28
2021-01-01	80.05	6.4	64.43	76.26	85.96	112.47	14.97	70.85	92.9	117.98	106.68	12.19	72.11	90.79	112.28
2021-01-08	81.05	6.9	64.6	75.56	85.97	113.81	16.06	69.93	93.92	119.63	107.18	13.17	69.98	90.26	113.4
2021-01-15	80.68	6.7	64.1	69.38	84.98	112.92	15.19	70.72	94.74	118.75	107.77	13	71.58	92.31	113.87
2021-01-22	80.5	5.48	65.8	75.45	84.25	113.47	14.4	75.25	94.13	119.23	107.27	11.85	76.06	91.39	113.55
2021-01-29	81.21	6.37	65.14	75.97	86.78	114.03	15.3	70.75	97.59	119.69	108.11	12.89	72	92.56	114.23

2021-02-05	81.5	5.95	64.78	74.85	83.78	113.27	14.59	72.22	96.44	119.01	108.53	11.89	74.26	92.67	113.76
2021-02-12	79.81	6.47	64.1	75.57	85.22	112.73	15.34	69.48	91.31	118.19	107.34	12.54	71.49	88.78	112.6
2021-02-19	80.74	5.39	66.48	76.38	85.58	114.07	14.94	73.32	95.09	120.44	108.39	11.73	76.34	91.3	114.11
2021-02-26	79.75	6.7	64.4	72.19	84.41	114.06	14.31	73.94	97.46	119.98	107.49	11.94	74.25	92.29	113.76
2021-03-05	79.18	6.29	64.61	73.62	83.71	114.09	14.97	71.62	92.43	119.5	108.04	12.32	73.99	90.12	114.18
2021-03-12	79.76	6.69	64.25	67.59	83.83	114.35	15.13	72.44	96.24	119.98	108.62	13.15	71.45	91.67	114.4
2021-03-19	80.4	6.16	64.58	76.22	84.8	115.02	15.09	72.42	90.13	119.89	107.53	12.06	72.82	89.48	112.58
2021-03-26	79.97	6.52	64.7	70.95	85.22	114.9	14.82	71.96	98.74	120.56	108.3	12.58	72.68	93.1	114.32
2021-04-02	80.5	6.25	64.22	71.95	83.97	113.93	15.18	70.62	92.77	119.47	107.13	12.76	71.46	91.17	113.17
2021-04-09	79.65	6.23	64.16	72.28	83.16	112.12	15.13	70.04	91.05	117.97	107.12	12.74	71.3	89.71	112.9
2021-04-16	81.29	6.32	63.88	65.78	82.85	113.08	15.84	68.36	93.05	119.2	108.04	13	70.45	91.51	113.67
2021-04-23	81.91	7.66	64.34	72.3	88.46	112.52	14.96	70.81	92.32	117.97	107.63	12.61	71.69	89.5	112.82
2021-04-30	80.69	6.89	64.48	70.86	85.81	114.44	14.88	73.43	98.9	120.71	107.93	12.32	73.86	95.04	114.26
2021-05-07	78.93	6.85	64.12	68.93	84.13	113.43	15.24	69.59	93.38	118.41	108.47	12.94	70.9	91.76	113.58
2021-05-14	80.38	6.67	64.27	69.92	85.13	112.67	14.77	71.65	93.03	119.05	107.14	12.34	72.94	91.02	113.24
2021-05-21	79.68	6.27	64.53	70.96	84.91	114	14.53	73.09	94.69	119.56	106.66	11.88	73.94	91.75	112.5
2021-05-28	80.73	6.95	64.41	71.06	85.18	114.82	14.19	73.8	98.1	119.86	107.79	11.41	76.62	94.07	113.57
2021-06-04	81.46	6.95	64.31	73.56	86.82	114.6	13.49	76.78	97.89	119.85	109.35	11.2	77.54	94.39	113.83
2021-06-11	81.02	7.15	64.35	69.04	86.56	114.29	14.29	76.2	101.04	119.83	108.3	11.88	75.34	96.32	113.98
2021-06-18	79.88	6.3	64.69	69.75	84.21	113.67	13.01	78.21	98.83	119.46	107.36	10.68	78.4	96.06	113.49
2021-06-25	80.22	6.77	64.63	73.01	85.68	115.16	12.83	82.02	103.39	122.28	110.07	10.91	81.2	98.6	116.11
2021-07-02	76.82	5.38	64.47	69.48	80.61	109.42	11.14	78.88	96	114.32	104.83	9.24	79.28	95.05	110.96
2021-07-09	76.22	5.02	64.92	70.34	80.44	111.09	11.87	78.75	100.83	117.18	105.36	10.05	77.93	96.83	111.5
2021-07-16	77.9	5.24	64.87	70.45	80.53	110.63	11.65	79.17	98.33	116.47	105.56	9.89	79.1	94.9	111.47
2021-07-23	78.84	5.98	65.05	70.92	82.96	113.56	12.24	80.88	102.4	120.55	107.64	10.39	81.36	98.31	114.66
2021-07-30	76.77	5.43	64.55	68.92	81.82	110.47	11.75	76.9	94.79	115.29	106.06	10.13	77.62	92.92	110.69
2021-08-06	79.07	6.24	64.9	71.6	83.9	111.96	11.94	79.68	100.76	117.76	106.21	10.02	79.41	96.87	112.36
2021-08-13	78.33	5.72	65	71.85	83.28	109.24	11.16	79.25	98.62	115.67	104.57	9.39	78.99	95.13	110.8
2021-08-20	79.47	6.04	65.07	72.1	83.68	114	12.65	79.39	102.89	120.38	107.14	10.42	79.16	98.76	113.28
2021-08-27	78.82	6.37	64.5	70.08	83.59	110	10.82	79.93	96.22	115.08	105.24	9.46	79.7	94.59	110.82

2021-09-03	79.98	6.39	64.5	69.36	84.08	111.35	11.76	80.29	98.77	117.22	105.4	10	78.7	95.63	111.54
2021-09-10	80.51	6.97	64.84	70.87	87.19	113.2	11.9	79.92	103.02	119.05	107.03	9.92	79.8	98.01	113.11
2021-09-17	81.41	7.41	64.98	71.79	87.31	112.1	12.6	77.65	100.61	118.7	106.08	10.91	75.99	95.12	111.67
2021-09-24	80.65	7	64.75	73.23	87.51	111.41	12.67	76.68	95.32	117	105.22	11.05	74.65	91.62	111.56
2021-10-01	79.59	6.34	64.61	68.58	84.13	113.58	13.75	73.41	98.64	118.68	106.85	12	72.48	93.67	112.28
2021-10-08	80.36	6.63	64.88	73.32	85.65	115.94	12.75	78.68	102.18	121.18	110.94	11.03	77.07	95.07	112.41
2021-10-15	81.58	6.89	66.79	73.78	87.51	112.66	12.4	78.03	101.28	118.26	106.44	10.94	75.32	95.39	112.31
2021-10-22	82.06	5.76	67.87	79.15	88.1	112.5	13.71	75.27	98.42	118.91	105.63	10.61	77.26	93.02	111.24
2021-10-29	82.39	6.52	67.18	77.62	88.12	112.47	13.62	73.5	98.46	118.11	106.53	11.49	74.53	92.96	112.43
2021-11-05	82.18	4.25	72.17	79.76	86.45	116.57	13.67	78.26	103.97	124.31	109.82	10.99	77.91	96.5	113.45
2021-11-12	84.85	7.74	67.38	76.99	92	113.04	13.16	74.5	100.38	118.59	106.86	11.39	73.89	94.32	113.08
2021-11-19	81.07	6.01	67.14	76.12	86.46	112.67	13.98	73.97	99.7	119.71	105.73	11.16	76.12	93.87	111.63
2021-11-26	82.13	7.27	66.78	75.25	88.81	111.38	14.3	70.46	92.62	116.74	103.83	12.01	70.15	87.08	109.59
2021-12-03	82.17	6.23	67.26	76.53	87.3	116.18	15.23	72.78	99.9	123.27	106.64	12.38	72.76	92.84	113.25
2021-12-10	82.1	5.75	67.29	79.43	86.79	113.17	13.22	75.08	94.92	118.03	105.51	10.93	73.8	90.57	110.94
2021-12-17	82.18	5.47	68.37	77.98	87.77	114.68	14.91	74.32	100.82	121.65	107.43	12.01	75.88	94.42	113.51
2021-12-24	80.6	4.74	68.55	77.96	83.46	112.31	14.76	70.36	94.52	118	104.8	11.32	72.46	88.58	110.03
2022-01-01	82.98	5.23	70.12	80.14	87.57	116.27	14.86	74.99	99.13	123.83	106.5	11.58	75.01	93.75	112.87
2022-01-08	82.17	6.83	66.86	75.07	88.09	113.74	14.72	72.78	94.89	119.19	106.36	12.29	72.67	90.1	112.55
2022-01-15	80.94	6.73	66.55	71.6	87.29	113.38	14.92	71.75	98.59	119.46	106.52	12.27	72.01	93.1	112.09
2022-01-22	79.54	5.57	66.49	70.69	83.67	112.85	15.43	67.67	95.35	118.71	106.07	13.57	67.26	90.21	112.28
2022-01-29	82.01	6.43	66.7	76.47	86.61	116.23	13.98	78.16	101.46	123.96	108.56	11.75	76.91	96.37	114.27
2022-02-05	80.7	6.39	66.41	72.25	85.55	112.88	14.33	71.92	93.69	118.76	106.41	12.45	71.87	90.53	112.66
2022-02-12	79.45	5.81	66.32	71.93	84.32	112.88	13.95	73.41	98.67	119.1	107.38	12.11	74	93.75	113.36
2022-02-19	81.8	6.6	66.75	75.85	85.6	112.66	12.79	75.59	98.18	118.04	106.55	11.15	74.45	94.06	112.52
2022-02-26	82.05	7.09	66.88	73.42	88.11	115.45	15.41	70.9	101.21	122.2	106.56	12.28	71.63	94.28	112.57
2022-03-05	82.11	6.87	66.53	73.09	87.3	117.65	14.03	74.72	98.82	119.6	113.5	12.79	71.91	91.81	113.25
2022-03-12	81.41	6.86	66.55	74.05	87.19	113.65	15.07	70.35	96.49	118.91	106.26	13.5	68.98	89.95	112.59
2022-03-19	80.55	6.47	66.48	74.87	85.84	113.41	13.59	75.34	101.45	119.75	107.06	12.32	71.84	91.94	112.43
2022-03-26	82.38	7.01	66.4	73.82	88.86	114.63	14.09	75.34	101.37	121.07	107.17	11.81	75.52	93.34	113.45

2022-04-02	82.06	6.77	66.73	77.92	88.36	114.06	13.83	75.84	100.63	120.24	107.47	11.29	75.54	91.93	113.43
2022-04-09	81.74	6.31	66.69	76.38	87.76	111.93	14.83	70.88	94.62	117.96	106.87	12.23	73.07	91.02	113.01
2022-04-16	81.27	5.76	67.45	77.12	85.9	116.6	14.31	75.71	102.69	122.7	106.34	11.47	73.86	93.41	112.71
2022-04-23	81.3	5.84	66.88	70.31	85.2	112.49	14.04	74.18	97.34	118.48	106.69	12.26	72.22	90.82	112.62
2022-04-30	82.28	6.67	67.15	74.22	87.2	113.28	13.61	74.3	101.89	119.62	107.56	12.03	74.21	94.22	113.06
2022-05-07	81.49	6.1	66.98	76.13	86.46	113.08	13.7	73.57	94.87	117.47	106.02	11.52	74.65	92.19	112.05
2022-05-14	81.73	6.68	67	75.27	88.36	115.43	13.62	77.2	101.77	121.92	107.31	11.51	74.59	93.92	113.29
2022-05-21	82.19	6.97	66.86	70.76	89.79	113.81	13.25	77.39	97.19	119.3	106.59	11.61	73.38	91.86	112.1
2022-05-28	80.88	6.63	66.42	73.5	86.35	113.39	13.85	75.4	98.95	118.78	106.88	11.74	71.7	92.64	111.71
2022-06-04	80.49	6.8	66.53	71.78	86.86	109.38	13.19	72.91	96.46	115.3	105.86	11.74	73.42	92.59	111.85
2022-06-11	81.47	6.62	66.95	75.03	86.29	114.31	12.76	79.69	100.34	121.01	105.13	10.44	77.11	94.83	111.52
2022-06-18	81.06	5.47	66.71	72.76	83.39	111.06	12.08	78.24	97.84	117.32	105.49	10.97	75.69	93.42	111.58
2022-06-25	80.53	5.64	66.31	70.72	83.33	108.83	12.39	75.77	96.44	115.08	104.89	11.35	72.86	92.67	110.76
2022-07-02	79.96	6.73	65.68	69.59	85.83	110.06	13.8	71.22	91.82	115.12	105.69	12.3	70.22	91.17	111.25
2022-07-09	80.19	6.49	65.8	70.96	85	114.37	13.7	77.09	99.52	120.97	105.85	10.97	75.65	96.16	112.21
2022-07-16	79.68	6.3	65.95	71.06	84.98	114.22	11.93	81.53	100.9	120.24	106.54	9.81	79.69	96.23	112.71
2022-07-23	78.74	5.81	65.52	70.32	83.29	110.98	11.12	80.63	97.06	116.63	106.12	9.23	80.9	95.22	111.66
2022-07-30	78.73	5.6	65.73	71.26	82.99	109.53	11.41	77.98	97.65	115.33	105.88	10.7	75.93	93.69	111.58
2022-08-06	78.53	6.15	65.41	69.83	83.91	113.32	12.76	78.54	97.91	118.84	104.78	10.75	74.98	92.99	110.7
2022-08-13	80.35	6.34	65.79	70.33	84.85	114.62	11.71	82.94	100.76	121.73	105.98	9.54	79.64	96.75	112.13
2022-08-20	79.18	5.81	65.6	70.49	84.45	109.8	11.63	77.68	96.36	115.83	104.51	10.13	76.9	94.03	110.35
2022-08-27	79.12	5.64	65.68	70.42	82.66	110.19	11.55	77.56	96.89	115.5	105.56	9.83	78.43	94.26	111.31
2022-09-03	79.76	6.04	65.5	70.78	83.64	110.62	13.26	73.99	93.93	116.48	103.58	10.02	76.34	92.37	109.45
2022-09-10	80.4	5.94	66.3	70.61	84.81	113.2	11.36	82.69	101.22	118.32	106.24	9.68	79.32	94.9	112.25
2022-09-17	78.75	5.83	65.37	70.68	83.07	107.87	11.56	76.95	94.84	114.74	107.58	10.48	77.57	94.63	112.65
2022-09-24	78.5	5.69	65.51	68.46	83.03	109.95	12.08	78.19	97.29	116.69	104.2	9.41	79.5	94.16	111.23
2022-10-01	77.7	5.54	65.46	67.8	82.41	111.8	12.82	75.36	98.48	116.96	105.44	11.41	72.83	92.23	111.45
2022-10-08	77.77	5.57	65.65	68.31	82.45	112.81	12.32	78.67	101.47	118.92	106.37	10.87	75.43	96.32	111.98
2022-10-15	76.54	5.63	64.29	68.11	81.02	111.6	12.95	73.97	95.34	116.21	106.39	11.47	73.73	93.61	111.12
2022-10-22	81.28	7.48	64.59	75.44	88.25	112.41	12.46	77.4	99.71	117.88	106.49	10.95	75.94	93.76	112.17

2022-10-29	81.7	7.2	64.95	75.05	87.77	113.62	13.63	75.43	100	119.24	106.89	11.61	75.14	94.39	113.25
2022-11-05	79.75	5.79	65.38	76.83	82.5	112.92	13.08	77.2	96.58	118.24	106.74	11.01	75.56	91.08	112.32
2022-11-12	79.53	5.46	65.1	73.68	83.74	114.21	14.82	72.78	97.38	119.55	106.9	12.34	73.73	92.67	113.24
2022-11-19	81	6.45	64.89	71.04	85.09	113.69	14.38	73.77	97.75	119.4	107.7	12.54	72.48	92.79	113.18
2022-11-26	79.82	5.92	64.95	75.96	84.34	114.39	14.39	74.32	100.31	119.75	107	11.97	74.99	93.69	113.39
2022-12-03	80.28	6.15	65.69	75.85	85.48	113.22	13.72	75.3	98.87	118.78	107.41	11.7	74.24	93.59	113.12
2022-12-10	79.15	5.85	64.66	74.17	82.49	114.26	14.19	74.05	98.56	119.61	106.53	11.62	74.61	93.13	112.82
2022-12-17	80.1	6.44	65.11	74.91	85.84	113.63	14.51	72.11	97.34	119.04	106.81	12.62	71.78	92.61	113.13
2022-12-24	81.05	5.64	67.27	77.66	86.97	111.28	14.61	70.94	93.17	116.92	104.38	11.9	72.01	87.51	110.12
2023-01-01	78.4	5.81	64.71	73.37	81.47	112.03	14.3	70.14	94.28	117.94	106.53	12.79	69.9	90.46	111.87
2023-01-08	79.56	4.98	67.38	76.37	84.11	112.71	14.38	72.25	96.86	118.84	106.5	11.68	73.76	91.02	112.58
2023-01-15	78.84	5.81	65.44	73.54	84.22	113.41	14.26	73.67	95.39	118.75	106.98	12.45	73.76	92.24	113.32
2023-01-22	79.4	6.64	64.67	72.22	85.23	113	13.78	74.72	95.62	118.36	107.23	12.31	74.34	92	113.61
2023-01-29	78.73	6.5	64.73	71.48	83.25	113.91	14.85	71.73	96.06	119.68	107.26	12.62	71.35	92.26	113.16
2023-02-05	80.35	5.74	65.78	75.88	85.53	113.11	14.23	73.73	98.34	118.93	107.32	11.91	74.09	92.88	113.05
2023-02-12	78.8	6.5	64.49	71.22	84.51	113.2	14.52	73.2	96.18	119.19	107.93	12.66	72.59	92.41	114.14
2023-02-19	80.49	6.16	64.76	78.12	83.75	115.09	13.11	77.63	98.56	119.84	107.53	11.03	77.21	92.81	113.45
2023-02-26	80.28	5.98	65.22	76.09	85.39	114.46	14.22	74.67	97.2	120.08	106.8	11.61	75.59	92.99	113.44
2023-03-05	79.7	5.97	64.99	76.09	84.45	114.35	13.68	75.9	97.65	119.84	106.85	11.77	73.67	91.75	113.6
2023-03-12	79.79	5.88	65.42	73.77	84.99	114.86	14.77	74.46	99.22	120.68	109.23	12.47	74.79	94.6	114.12
2023-03-19	79.77	6.49	65.34	72.14	85.09	114.67	12.75	78.88	103.68	121.56	108.52	11.75	76.22	96.46	114.49
2023-03-26	80	5.82	65.3	73.33	84.13	114.18	14.97	73.48	96.79	120.12	107.88	12.44	74.56	93.93	113.88
2023-04-02	79.45	6.37	65.15	73.71	83.98	111.75	13.32	75.23	96.38	118.12	108.11	11.88	74.12	92.15	113.19
2023-04-09	80.72	6.47	65.4	74.79	85.41	114.62	14.08	74.3	101.59	120.76	107.72	11.68	75.9	96.46	114.17
2023-04-16	80	5.73	66.2	77.01	85.16	112.39	11.56	80.74	99.17	118.44	107.49	10.21	79.56	95.6	113.34
2023-04-23	79.9	6.66	65.21	70.29	86.22	114.23	12.72	78.86	99.77	119.91	107.82	10.74	78.87	96.95	113.99
2023-04-30	80.05	6.77	65.15	71.5	86.18	113.11	12.66	77.92	99.98	119.52	108	10.98	78.1	97.03	114.32
2023-05-07	79.85	6.28	65.19	68.9	84.33	116.23	13.9	79.43	104.78	122.95	110.18	12.01	78.77	100.15	116.81
2023-05-14	80.84	6.33	65.54	69.8	85.44	114.55	12.47	81.16	101.97	121.41	108.49	11.02	78.87	97.59	115.25
2023-05-21	79.6	6.4	65.3	70.8	84.78	116.58	14.57	77.33	101.53	123.51	109.36	11.59	78.14	98.05	116.45

2023-05-28	78.39	5.28	65.58	72.84	82.97	111.73	12.9	76.42	95.28	116.95	106.64	10.63	78.14	93.86	112.93
2023-06-04	82.11	6.81	65.14	73.52	87.51	115.38	13.84	79.27	103.13	122.26	109.55	12.1	78.52	99.45	116.59
2023-06-11	78.92	6.18	65.18	71.51	84.55	111.61	11.58	80.03	98.47	117.54	106.03	9.61	81.12	96.18	112.37
2023-06-18	78.25	5.6	65.27	73.03	82.38	113.88	12.58	80.25	104.2	120.36	107.95	10.67	80.45	99.77	114.45
2023-06-25	77.75	5.55	65.39	71.28	82.47	110.47	12.03	77.7	97.64	116.06	105.82	10.24	78.52	95.89	112
2023-07-02	79	6.14	65.26	72.68	83.12	120.49	14.24	81.08	102.67	127.66	111.63	11.68	79.37	98.61	118.34
2023-07-09	77.38	5	65.58	70.92	80.15	111.48	12.08	79.2	97.55	118.67	105.92	10.05	79.02	94.87	112.78
2023-07-16	78.55	5.42	65.35	71.94	81.69	117.48	12.59	85.25	106.16	124.63	110.37	11.05	80.51	100.95	117.36
2023-07-23	79.01	6.38	64.78	70.28	85.2	111.49	11.98	78.41	97.67	117.14	105.92	10.42	77.89	95.02	112.37
2023-07-30	78.2	5.96	65.31	70.76	83.11	121.2	13.46	83.91	105.91	128.65	112.09	10.99	82.73	100.26	119.49
2023-08-06	77.96	5.64	65	69.45	82.58	112.83	12.38	77.83	99.04	117.87	106.51	10.38	76.93	94.04	111.92
2023-08-13	77.98	5.93	64.75	68.19	82.33	111.8	12.87	77.8	100.37	118.7	106.48	10.69	77.25	96.89	112.75
2023-08-20	78.91	6.01	64.61	69.07	82.1	108.8	11.71	76.65	94.75	115.24	106.47	9.99	77.51	94.36	111.74
2023-08-27	79	6.29	64.91	70.47	84.59	119.03	13.61	82.18	105.73	126	111.96	11.28	81.61	101.34	118.81
2023-09-03	81.03	6.15	64.83	69.23	83.69	116.05	11.58	85.39	104.31	123.66	108.8	9.78	82.81	99.22	115.94
2023-09-10	78.19	5.96	64.75	67.27	82.43	111.64	11.75	80.16	99.38	117.3	106.4	10.11	78.53	95.28	112.12
2023-09-17	77.48	5.68	64.94	70.8	83.06	111.16	12.51	77.01	96.75	116.06	106.13	10.18	76.98	93.85	112.04
2023-09-24	78.85	6.12	65.32	72.76	84.66	115.5	12.76	80.25	103.45	122.61	108.68	10.7	79.98	97.61	114.63
2023-10-01	79.03	6.34	64.92	68.54	84.71	117.15	13.54	79.81	105.04	124.17	109.79	11.67	77.96	98.74	116.23
2023-10-08	78.09	6.3	64.78	71.25	83.3	109.56	13.83	71.41	94.77	116.47	105.93	12.27	71.42	91	112.15
2023-10-15	78.19	6.55	63.27	68.16	84.05	115.79	14.98	71.46	97.32	120.32	112.1	12.25	73.56	94.73	114.13
2023-10-22	78.69	7.05	63.12	69.39	84.22	112.16	14.35	71.65	98.24	118.31	106.76	12.04	73.21	95.17	113.23
2023-10-29	78.52	6.43	63.88	71.06	84.23	114.86	15.03	72.97	101.47	121.19	109.5	12.32	75.13	97.05	116.39
2023-11-05	77.38	5.7	63.36	73.58	82.55	110.44	13.95	72.01	90.08	115.87	105.84	11.39	73.14	87.75	110.23
2023-11-12	77.51	6.14	63.54	70.44	82.06	114.36	14.32	75.51	102	121.15	108.23	11.96	76.57	97.45	114.9
2023-11-19	78.94	5.92	64.13	71.98	83.64	112.78	13.87	72.48	98.52	118.81	107.24	11.93	74.01	95.15	113.44
2023-11-26	76.8	6.13	63.41	71.25	81.41	115.81	15.74	73.05	101.3	122.61	109.63	13.79	72.35	96.08	116.63
2023-12-03	79.26	7.21	63.29	71.99	86.02	113.75	15.16	71.33	94.28	119.23	108.24	13.18	71.02	91.37	113.43
2023-12-10	78.08	6.87	63.35	70.45	83.18	115.52	14.64	74.93	100.78	121.62	109.33	12.31	74.81	97.38	116.15
2023-12-17	77.75	6.27	63.36	69.73	83.23	114.43	15.83	69.78	97.31	120.41	107.42	13.44	70.82	93.33	114.06

2023-12-24	77.77	5.42	64.22	74.78	79.7	111.92	14.36	73.34	94.45	118.92	106.2	11.58	74.54	92.34	112.75
2024-01-01	77.55	6.38	63.16	71.15	82.73	111.75	14.67	69.09	93.1	117.95	105.52	12.38	69.64	89.4	111.22
2024-01-08	79.48	5.88	65.06	77.46	83.98	114.93	13.76	77.23	100.28	121.51	109.34	11.3	77.97	95.72	115.6
2024-01-15	79.97	6.77	63.46	71.22	85.43	113.49	14.44	72.79	96.81	119.52	106.83	12.31	72.62	93.38	112.84
2024-01-22	79.62	6.08	64.46	75.68	85.89	114.38	14.1	77.29	99.91	120.62	106.84	11.21	77.07	95.89	112.9
2024-01-29	76.54	5.99	63.3	69.64	81.58	114.1	14.49	73.4	97.14	119.52	107.05	11.56	74.43	93.27	112.64
2024-02-05	79.35	6.96	63.52	71.9	85.15	114.49	14.6	74.09	100.81	120.54	108.57	12.19	74.45	97.11	114.53
2024-02-12	77.19	5.79	63.64	71.48	82.04	114.01	13.78	75.81	99.12	120.1	109.4	12.08	74.98	95.75	115.56
2024-02-19	78.29	6.44	63.11	71.72	84.33	114.47	14.65	74.43	101.86	120.48	107.58	11.9	75.27	96.63	113.53
2024-02-26	79.27	5.03	65.31	76.82	82.96	114.13	13.47	77.49	98.21	119.58	109.92	11.04	77.18	92.21	112.82
2024-03-04	79.21	6.44	63.67	72.59	83.95	115.68	15.53	73.82	99.48	122.27	106.57	12.3	73.35	93.98	112.68
2024-03-11	77.17	5.95	63.9	70.94	81.17	113.7	12.9	78.03	101.56	119.05	106.76	10.92	76.59	93.5	112.52
2024-03-18	78.15	6.97	63.62	67.4	83.8	114.46	13.93	74.77	98.38	119.72	107.72	11.75	75.11	94.28	112.98
2024-03-25	79.89	6.26	64.04	72.6	83.05	114.13	13.67	75.82	99.01	119.78	107.33	11.51	76.18	93.85	113.23
2024-04-01	78.48	6.17	63.76	71.02	83.15	114.27	14.3	74.35	103.19	120.62	107.62	11.6	76.67	96.92	114.08
2024-04-08	79.67	6.72	63.82	71.59	84.28	115.69	12.65	80.42	104.22	122.73	108.97	11.28	77.91	97.96	115.43
2024-04-15	77.92	6.23	63.65	71.61	82.7	112.97	13.67	74.33	93.23	118.08	106.65	11.36	75.11	91.69	112.09
2024-04-22	79.97	7.02	64	72.48	85.96	113.83	13.76	74.68	99.92	118.85	106.37	11.48	74.26	95.53	112.84
2024-04-29	78.99	6.39	63.74	70.35	83.67	114.09	13.84	75.48	98.25	119.03	106.95	10.73	77.78	95.17	112.49
2024-05-06	78.14	6.44	63.78	71.18	82.91	116.94	13.66	80.47	104.23	124.39	108.37	11.4	78.2	97.56	115.84
2024-05-13	78.39	6.15	63.87	73.29	83.38	113.16	13.66	75.63	95.6	119.24	106.77	10.61	77.95	93.24	112.22
2024-05-20	79.46	6.38	64.2	73.38	84.73	113.05	13.91	76.22	98.14	119.56	106.15	11.19	75.78	95.37	112.48
2024-05-27	80.19	7.35	63.77	71.09	86.97	114.28	12.52	81.22	103.07	120.56	106.92	10.03	80.41	98.59	113.39
2024-06-03	79.23	7.01	63.68	73.13	84.94	116.44	12.04	84.05	105.38	123.7	108.36	10.3	82.14	100.17	115.59
2024-06-10	78.82	6.04	63.94	72.16	82.4	112.38	12.16	79.79	100.22	119.24	106.54	10.16	79.39	95.84	112.8
2024-06-17	77.47	6.11	63.57	69.01	81.8	112.46	11.89	81.44	101.96	119.36	106.07	10.11	80.5	97.69	112.96
2024-06-24	78.49	6.16	64.11	71.29	82.78	114.29	11.88	82.09	102.85	121.37	107.26	10.46	80.09	97.9	114.32
2024-07-01	77.72	6.22	63.86	69.4	82.86	114.98	12.19	81.22	104.92	120.54	109.53	10.48	80.68	98.92	114.57
2024-07-08	80.14	6.17	65.87	70.71	85.49	111.37	11.98	79.66	98.35	117.8	106.46	10.31	78.6	96.74	112.49
2024-07-15	78.87	5.75	65.6	71.55	83.67	111.12	11.91	78.86	99	117.14	106.14	10	78.37	95.84	111.47

2024-07-22	81.31	6.19	66.39	73.86	85.47	114.92	11.36	84.18	105.98	121.83	107.72	9.49	82.35	99.52	114.13
2024-07-29	80.55	6.43	65.82	71.9	86.48	112.33	12.37	79.64	102.83	118.79	107.8	10.15	79.01	98.04	113.02
2024-08-05	79.16	5.74	66.25	71.95	84.57	111.08	11.9	79.66	98.44	117.25	106.44	10.16	79.37	96.17	112.58
2024-08-12	80.7	6.35	65.66	70.36	85.46	111.16	13.15	74.69	98.19	117.17	106.29	10.7	75.58	95	112.58
2024-08-19	81.67	6.88	66.31	72.03	87.15	114.11	12.33	81.82	104.28	121.19	106.6	9.88	79.86	98.57	112.63
2024-08-26	82.06	7.18	65.64	70.35	88.24	110.82	12.54	77.18	100.69	117	106.95	10.04	78.41	97.19	112.34
2024-09-02	80.33	6.42	65.72	69.75	85.31	111.3	11.57	79.58	97.93	116.87	105.58	9.44	79.51	95.74	111.68
2024-09-09	80.36	6.74	65.49	71	86.64	111.71	13.35	72.92	95.19	116.86	104.97	10.41	75.59	93.79	111.21
2024-09-16	80.02	6.08	66.04	70.28	85.11	113.7	12.31	80.15	104.1	120.41	107.27	9.99	79.57	97.62	113.01
2024-09-23	82.29	7.07	65.94	73.18	88.72	111.29	12.67	75.93	100.2	117.51	106.52	10.57	77.75	96.07	112.75
2024-09-30	79.79	6.37	65.7	70.55	85.75	112.3	13.6	73.39	96.05	117.08	104.73	11.38	72.6	92.22	111.25
2024-10-07	81	6.84	65.64	69.56	87.05	112.72	12.45	76.15	97.75	116.76	109.51	11.17	75.36	95.65	112.83
2024-10-14	83.26	7.39	66.76	75.22	89.22	118.8	12.99	81.32	103.91	125.45	106.48	10.14	79.86	98.42	113.1
2024-10-21	83.21	6.99	66.72	73.53	88.56	117.53	14.46	74.24	100.69	122.69	107.33	11.49	75.09	96	113.84
2024-10-28	86.82	6.44	67.12	77.46	88.27	113.87	13.58	75.94	96.48	120.12	107.37	11.12	76.78	93.76	113.27
2024-11-04	82.34	7.71	66.45	69.55	89.97	115.39	15.41	71.07	95.78	121.81	106.3	12.85	70.58	92.37	113.07
2024-11-11	81.78	5.64	67.9	79.3	87.1	116.95	14.01	76.65	99.08	123.85	107.17	10.88	78.07	95.04	114.36
2024-11-18	83.61	5.45	69.55	80.15	88.77	115.96	14.64	75.46	101.52	122.48	108.22	11.35	77.75	95.97	114.4
2024-11-25	82.02	6.43	66.76	76.08	87.59	115.55	15.47	72.86	98.69	122.2	108.06	12.29	75.06	94.66	114.33
2024-12-02	83.15	6.94	66.7	73.05	88.04	116.44	16.67	69.46	100.52	123.91	107.63	13.56	69.57	95.56	114.02
2024-12-09	82.86	6.85	66.82	75.42	86.21	115.76	14.45	74.9	98.67	122.87	107.4	11.88	73.19	94.45	113.51
2024-12-16	83.13	6.86	67.34	77.09	89.31	116.55	15.59	71.77	100.82	124.08	107.74	12.16	73.32	95.19	114
2024-12-23	81.8	5.81	67.43	78.47	86.09	113.78	14.35	71.71	93.25	118.66	104.52	11.36	72.31	90.36	110.68

Table 15a: Boundary Pass weekly sound pressure levels (SPL) in decibels (dB). Mean (Avg) and standard deviation (Std), Q₅, Q₅₀ and Q₉₅ levels for broadband and SRKW echolocation and communication ranges are given.

Date	Avg 10- 100000 Hz	Std 10- 100000 Hz	Q5 10- 100000 Hz	Q50 10- 100000 Hz	Q95 10- 100000 Hz	Avg 15000- 100000 Hz	Std 15000- 100000 Hz	Q5 15000- 100000 Hz	Q50 15000- 100000 Hz	Q95 15000- 100000 Hz	Avg 500- 15000 Hz	Std 500- 15000 Hz	Q5 500- 15000 Hz	Q50 500- 15000 Hz	Q95 500- 15000 Hz
2019-01-01	142.64	14.63	98.07	120.82	142.88	100.64	5.83	83.84	89.13	99.79	115.67	9.63	85.79	100.36	119.82
2019-01-08	135.92	13.56	95.45	117.82	138.31	99.47	5.53	83.74	87.99	99.22	112.26	9.4	84.99	100.11	117.35
2019-01-15	141.34	14.44	96.03	117.76	143.11	99.76	5.34	84.3	89.18	100.21	114.31	8.57	89.97	101.38	119.71
2019-01-22	145.77	15.25	97.49	124.3	152.48	99.1	6.2	83.66	86.85	101.6	117.19	11.61	83.44	100.03	123.81
2019-01-29	138.41	14.35	95.24	121.31	141.43	99.73	5.52	83.72	87.92	98.91	112.81	9.51	84.27	99.48	117.09
2019-02-05	136.41	13.59	98.58	116.3	141.83	99.65	5.04	83.71	91.02	96.74	112.12	9	85.34	104.1	116.39
2019-02-12	139.15	13.66	96.98	114.76	139.19	97.36	4.93	83.72	90.19	98.47	112.63	8.4	86.37	101.56	115.89
2019-02-19	144.48	13.51	103.71	126.5	148.96	102.91	6.15	83.78	89.48	102.1	117.63	10.45	86.16	101.96	122.86
2019-02-26															
2019-03-05	129.61	11.38	97.39	119.54	134.37	99.28	5.79	83.33	85.23	100.21	112.11	9.34	84.99	99.16	117.32
2019-03-12	129.07	13.53	91.93	116.32	134.66	99.01	6.14	83.2	85.4	101.69	112.14	9.76	83.35	99.68	117.04
2019-03-19	136.44	12.75	98.62	124.74	139.98	102.04	5.83	83.32	85.36	100.49	112.81	9.51	84.89	100.85	117.25
2019-03-26	129.61	13.85	92.78	116.73	135.39	98.35	5.56	83.24	85.08	98.58	112.07	9.8	83.13	99.44	116.89
2019-04-02	128.26	12.69	94.09	116.71	134.11	100.27	5.77	83.3	87.14	100.16	113.41	9.66	83.18	100.32	116.18
2019-04-09	129.89	12.57	97.24	120.19	135.15	100.51	5.9	83.44	88.34	100.86	113.46	8.73	88.15	100.94	118.52
2019-04-16	133.83	12.29	97.65	122.55	138.54	99.27	6.26	83.51	87.19	102.68	112.88	8.92	86.27	101.77	116.91
2019-04-23	135.42	13.82	96.56	117.71	139.11	99.7	5.62	83.33	86.9	99.63	112.16	8.94	85.14	101.08	116.47
2019-04-30	128.39	12.08	95.91	114.62	134.53	99.59	5.48	83.29	85.95	98.91	112.55	9.54	84	100.19	117.49
2019-05-07	133.21	12.76	98.98	120.05	139.29	105.41	6.43	83.28	86.73	102.55	114.08	9.22	86.96	102.46	119.49
2019-05-14	133.13	12.87	96.01	120.22	139.32	100.14	6.15	83.36	86.41	101.36	113.41	9.86	85.64	102.09	117.86
2019-05-21	133.83	13.22	96.09	120.53	140.21	105.68	6.97	83.43	86.44	103.94	112.68	9.56	83.94	103.3	117.52
2019-05-28	127.84	11.39	96.3	114.65	133.08	100.93	6.4	83.06	86.47	102.2	113.26	9.05	87.21	101.75	118.42
2019-06-04	128.29	12.18	93.44	114.16	133.75	104.94	6.3	83.26	86.59	102.24	113.34	9.18	87.74	100.96	118.11
2019-06-11	127.07	12.24	92.95	110.35	132.45	100.84	6.38	83.05	85.98	102.39	113.46	9.4	85.59	100.87	117.42
2019-06-18	127.99	12.41	94.04	112	134.08	105.65	6.57	83.4	87.19	103.37	113	9.03	88.66	101.72	118.85

2019-06-25	126.24	12.07	91.09	109.88	131.32	100.14	6.99	82.75	85.35	103.2	112.6	10.28	83.52	102.26	118.43
2019-07-02	128.97	12.17	96.92	118.45	136.26	101.34	7.07	83.82	89.71	105.7	113.38	8.29	91.74	105.8	119.95
2019-07-09															
2019-07-16															
2019-07-23															
2019-07-30															
2019-08-06															
2019-08-13	124.71	11.55	93.87	112.09	128.83	101.03	5.55	84.81	86.38	99.5	112.31	9.5	84.76	98.31	117.32
2019-08-20	123.2	11.26	92.14	107.9	127.67	99.94	6.12	84.45	85.74	102.37	112.24	10.66	82.26	100.52	116.86
2019-08-27	128.01	12.31	93.49	114.23	134.88	106.71	6.04	84.7	87.25	102.24	112.4	10.48	83.32	102.65	117.77
2019-09-03	125.12	11.66	93.86	109.93	130.54	98.36	5.24	85.61	86.99	100.44	111.01	9.86	83.94	98.77	115.71
2019-09-10	126.57	12.87	91.88	110.35	133.1	106.6	6.49	85.63	87.65	103.85	111.56	9.92	82.57	99.94	116.82
2019-09-17	124.41	11.71	90.97	106.96	129.04	101.07	6.47	85.54	86.97	103.31	111.62	10.67	80.8	99.49	116.38
2019-09-24	125.97	11.6	94.65	112.59	131.98	101.16	5.19	85.78	88.61	101.24	109.66	8.37	86.4	99.64	114.89
2019-10-01	125.19	13.08	88.35	110.91	130.75	98.71	5.23	85.61	86.73	100.53	110.6	10.45	79.16	97.02	114.79
2019-10-08	124.43	12.37	90.32	107.22	129.73	101.81	5.05	85.67	86.99	98.82	111.4	10.15	81.79	98.24	116.25
2019-10-15	126.49	12.25	93.02	107.79	131.4	99.9	5.34	85.72	89.73	101.45	110.93	9.03	84.4	100.15	115.26
2019-10-22	127.52	13.08	91.3	110.51	132.14	108.29	6.07	85.73	87.7	102.36	111.9	10.59	81.85	98.76	117.12
2019-10-29	128.57	13.66	91.46	113.62	134.04	104.56	5.29	85.85	87.5	100.53	112.67	10.49	82.2	97.11	117.2
2019-11-05															
2019-11-12															
2019-11-19	124.27	9.88	99.6	112.61	130.57	97.47	4.89	82.93	88.31	97.3	110.12	9.09	83.95	99.72	116.42
2019-11-26	131.58	13.92	92.21	115.6	138.12	99.92	5.98	83.18	89.99	102.47	112.84	8.68	88.09	102.71	117.61
2019-12-03	125.85	13.11	89.24	105.41	130.68	98.4	5.56	82.76	86.02	98.31	110.98	9.74	81.96	97.02	115.25
2019-12-10	131.37	13.82	93.34	113.77	137.74	98.5	6.27	82.93	86.93	101.41	112.18	9.48	85.8	98.97	116.83
2019-12-17	128.46	11.94	94.96	113.61	134.08	98.86	6.15	82.94	89.56	101.37	111.63	8.82	84.73	100.19	115.59
2019-12-24	130.27	14.19	89.64	116.06	136.53	99.17	5.99	82.84	88.16	100.37	112.06	9.46	82.6	99.26	115.59
2020-01-01	125.49	9.73	99.19	107.38	130.03	97.46	4.87	83.44	91.45	100.45	109.53	6.63	89.77	102.46	112.72
2020-01-08	131.59	12.64	97.46	115.66	138.7	99.81	5.88	83.15	92.12	102.6	111.97	7.85	88.78	104.19	116.13
2020-01-15	126.81	10.55	96.84	110.18	131.54	97.08	4.74	83.11	90.16	96.26	110.05	8.05	86.67	102.22	113.37

2020-01-22	129.22	12.32	97.46	114.49	135.21	99.64	5.37	83.32	90.36	99.5	113.29	7.69	89.29	101.37	116.02
2020-01-29	127.15	11.98	94.24	106.49	131.23	98.9	5.99	82.71	88.46	100.81	111.18	8.84	83.67	99.66	114.94
2020-02-05	129.24	11.98	97.92	113.15	135.3	99.16	6.25	83.09	91.58	101.51	111.43	8.44	86.92	100.98	115.57
2020-02-12															
2020-02-19															
2020-02-26															
2020-03-04															
2020-03-11															
2020-03-18															
2020-03-25															
2020-04-01															
2020-04-08															
2020-04-15															
2020-04-22															
2020-04-29															
2020-05-06															
2020-05-13	129.06	13.9	91.78	110.75	136.22	100.39	5.5	85.59	86.62	100.97	112.87	10.76	80.7	97.32	116.43
2020-05-20	128.69	13.95	92.01	115.57	134.79	99.74	5.92	85.69	87.23	103.4	111.54	10.26	81.85	98.9	117.45
2020-05-27	130.33	13.36	94.77	113.63	136.69	100.32	5.51	85.64	86.83	101.41	112.01	10.09	83.01	99.13	117.79
2020-06-03	131.22	15.14	89.97	117.97	138.55	98.51	5.34	85.66	88	100.56	111.1	10.42	80.7	99.66	116.26
2020-06-10	128.62	13.09	91.68	109.71	134.91	101.32	5.75	85.67	87.62	101.65	112.61	10.21	82.4	98.32	116.72
2020-06-17	129.48	13.62	92.72	116.24	136.51	100.02	5.6	85.76	87.26	101.84	111.94	10.19	83.3	99.6	117.42
2020-06-24	129.91	13.5	93.35	115.24	136.43	98.81	5.08	86.1	87.92	100.74	111.74	9.64	83.82	99.36	116.95
2020-07-01	130.07	14.43	91.36	117.55	137.88	96.85	5.13	86.27	89.35	101.9	109.43	9.49	81.66	100.51	115.29
2020-07-08	127.88	12.81	92.73	111.29	135.29	99.03	5.07	86.24	87.93	101.42	112.05	9.82	83.16	98.58	115.41
2020-07-15	127.75	13.56	90.66	113.19	134.88	97.29	4.55	86.16	87.61	98.71	110.56	9.87	82.28	98.88	115.35
2020-07-22	131.06	12.87	94.87	115.69	139.31	102.27	5.23	86.74	88.9	101.43	112.39	9.9	84.42	101	117.31
2020-07-29	129.21	13.41	92.86	116.46	136.79	98.83	4.54	86.66	88.75	99.26	111.63	9.77	82.87	99.36	115.21
2020-08-05	127.22	12.25	94.51	110.59	134.89	97.12	4.73	86.9	89	101.31	110.26	9.03	84.29	99.41	114.58
2020-08-12	127.47	12.88	93.56	112.49	134.4	97.09	4.63	86.61	88.6	100.59	110.33	9.66	83.55	99.36	116.2

2020-08-19	130.04	12.54	95.19	118.12	137.71	99.5	5.32	86.7	89.12	102.43	111.09	9.76	84.05	100.2	116.75
2020-08-26	129.11	12.9	92.89	114.93	136.81	97.71	4.85	86.48	87.84	100.89	110.19	10.16	82.57	98.59	116.4
2020-09-02	127.27	11.87	94.46	111.43	133.83	96.68	4.55	86.33	88.05	98.6	111.02	9.89	81.83	99.71	115.85
2020-09-09	124.69	12.99	90.26	109.02	131.04	96.79	5.06	83.82	86.82	100.02	109.94	10.24	80.81	96.84	114.27
2020-09-16	134.06	13.96	93.55	118.8	141.52	98.48	5.35	83.86	85.13	99.61	111.75	10.37	82.86	97.26	117.03
2020-09-23	133.29	13.15	97.74	114.99	141.16	97.59	5.72	83.92	87.93	100.85	116.51	10.11	87.81	101.75	123.19
2020-09-30	128.07	12.51	92.73	113.36	133.28	98.09	5.62	83.72	84.75	100.33	112.35	11.04	81.31	98.02	117.67
2020-10-07	131.41	12.2	96.09	112.18	134.95	97.65	5.91	83.76	88.08	101.61	115.53	9.07	86.73	100.54	117.08
2020-10-14	137.9	14.51	94.93	121.47	143.1	97.68	6.09	83.84	85.8	102.37	120.78	13.01	82.56	100.54	127.51
2020-10-21	136.41	14	94.93	115.2	142.74	98.08	5.19	83.76	89.58	98.76	117.41	11	84.36	102.22	124.41
2020-10-28	128.26	11.49	96.44	113.9	133.84	101.33	5.38	85.71	88.27	101.48	113.42	8.81	86.61	100.28	116.53
2020-11-04	128.74	11.56	98.14	115.45	135.88	100.09	4.8	86	91.87	100.4	111.07	7.5	89.94	102.43	116.15
2020-11-11	129.35	11.66	97.73	118.01	135.93	100.73	5.57	85.96	91.61	103.08	111.9	8.46	88.05	102.03	117.08
2020-11-18	127.91	12.43	95.09	114.08	134.28	99.85	5.34	86.06	90.65	102	112.08	8.6	88.55	101.08	117.31
2020-11-25	127.64	12.04	95.05	113.34	133.07	99.2	5.15	85.82	89.79	99.82	112.2	8.94	85.81	100.59	116.19
2020-12-02	127.98	13.15	92.76	113.71	134.09	100.08	5.31	85.74	88.33	100.84	111.74	9.34	84.77	98.7	116.26
2020-12-09	129.06	13.19	93.23	116.58	135.61	101.15	6.25	85.76	89.19	103.51	112.88	9.91	84.13	99.94	118.14
2020-12-16	128.38	11.23	100.22	114.09	134.61	99.39	5.24	85.9	93.35	103.38	111.63	7.7	88.7	103.39	116.28
2020-12-23	126.43	12.01	94.23	109.67	131.22	99.56	4.71	85.98	89.35	98.37	111.07	8.02	88.04	98.47	115.09
2021-01-01	126.51	11.47	94.84	112.93	132.63	98.98	5.05	85.77	92.04	100.42	109.91	8.53	84.71	101.61	113.67
2021-01-08	129.34	12.1	96.77	116.05	135.62	100.47	5.91	85.96	91.36	104.32	111.38	8.81	87.01	101.05	117.08
2021-01-15	126.02	10.59	99.69	117.15	132.15	102.5	6.24	87.27	91.65	107.81	115.38	8.09	96.74	103.13	123.04
2021-01-22															
2021-01-29	128.05	10.89	98.46	113.16	132.85	100.58	6.05	84.53	88.94	103.74	114.61	8.47	92.34	101.13	119.77
2021-02-05	127.56	11.3	97.48	113.58	132.95	100.28	5.47	84.17	90.53	101.37	112.5	7.88	90.35	102.78	117.26
2021-02-12	127.08	11.96	92.2	109.77	132.25	99.93	5.48	83.84	91.46	100	111.66	9.65	82.95	102.55	115.61
2021-02-19	127.15	12.04	94.97	107.83	132.62	97.95	4.92	84.11	89.84	98.51	113.21	7.66	90.58	102.1	116.04
2021-02-26	127.68	12.22	94.56	113.91	133.26	99.1	5.71	83.82	88.17	100.36	112.25	10.1	81.79	101.03	117.01
2021-03-05	127.12	11.29	95.47	111.61	132.29	97.97	5.24	83.98	88.73	99.57	111.57	8.91	86.08	100.37	116.85
2021-03-12	127.7	13.37	88.78	110.9	133.09	98.82	5.66	83.77	84.85	99.08	112.29	11.24	80.99	97.81	116.97

2021-03-19	126.93	11.73	93.6	109.46	132.06	98.11	5.27	83.91	90.15	98.96	111.82	9.44	82.15	101.51	116.65
2021-03-26	128.35	12.27	93.34	116.21	133.51	100.15	5.77	83.92	86.61	100.15	112.95	9.99	83.85	100.22	117.66
2021-04-02	128.32	13.47	91.39	112.25	134.34	98.73	5.33	83.84	86.27	98.59	112.29	9.93	82.05	98.22	117.42
2021-04-09	126.47	11.73	95.36	107.7	131.7	99.18	5.28	84.09	88.45	99.73	112.18	7.77	90.6	100.32	117.01
2021-04-16	128.06	13.67	90.19	110.29	133.57	99.83	5.52	83.65	84.59	98.93	113.7	11.12	79.79	96.9	117.06
2021-04-23	127.04	12.65	91.89	109.86	132.17	98.65	5.99	83.77	85.89	99.57	111.99	10.32	81.13	95.69	116.64
2021-04-30	128.95	13.65	91.84	114.81	134.53	99.35	6.22	83.88	85.55	102.66	112.54	10.13	83.38	98.86	117.5
2021-05-07	126.86	13.55	87.46	108.13	132.16	97.86	5.55	83.7	85.29	99.5	112.07	11.37	78.99	98.58	117.21
2021-05-14	127.21	12.35	94.67	110.96	133.29	98.78	5.49	83.9	86.88	99.49	112.53	9.85	82.27	99.31	117.28
2021-05-21	127.76	12.43	93.11	110.2	132.72	98.38	5.46	83.86	86.06	99.22	111.6	9.11	86.86	99.29	116.56
2021-05-28	129.87	13.47	91.56	113.27	135.29	99.88	6.37	84.01	85.86	102.73	112.55	10.1	82.77	101.01	117.59
2021-06-04	128.87	12.77	94.03	110.29	135.02	100.31	6.01	84.5	87.03	102.3	114.07	9.91	83.39	100.4	118.53
2021-06-11	132.29	15.12	90.76	115.5	139.27	100.54	6	85.21	86.64	102.2	113.6	10.98	80.25	97.96	117.18
2021-06-18	132.79	12.55	97.13	115.51	138.03	99.71	5.48	85.24	87.29	101.1	112.8	9.22	85.9	101.39	118
2021-06-25	136.05	15.08	93.92	121.13	143.76	98.67	5.34	85.5	88.07	100.48	111.67	9.97	82.06	101.33	116.67
2021-07-02	125.41	11.43	94.85	112.5	131.86	94.81	4.29	85.22	86.7	97.2	110.08	9.06	84.49	99.7	114.96
2021-07-09	136.44	15.3	94.24	119.61	143.53	95.15	4.08	85.75	87.62	96.88	109.41	8.55	85.26	99.24	114.4
2021-07-16	131.13	12.84	96.24	116.04	137.27	97.6	4.37	85.47	87.12	97.11	111.11	9.11	83.37	98.89	115.3
2021-07-23	134.85	14.09	95.94	122.26	141.85	98.04	5.06	85.74	87.4	100.77	111.39	9.93	82.62	100.97	117.16
2021-07-30	126.29	12.17	92.4	111.53	133.39	97.34	4.64	85.38	86.45	98.72	110.33	8.95	84.52	99.81	115.04
2021-08-06	135.9	14.16	95.37	119.4	143.34	97.67	5.08	85.79	87.78	100.54	111.9	9.38	83.59	101.07	116.61
2021-08-13	129.55	12.22	95.63	114.75	134.95	95.84	4.34	85.71	86.92	97.66	109.16	8.67	84.98	98.12	114.21
2021-08-20	135.41	13.57	96.15	120.87	142.9	98.24	5.04	85.9	87.72	100.29	111.87	9.91	83.32	100.09	117.02
2021-08-27	124.29	11.77	92.74	109.36	130.66	96.91	4.5	85.67	86.59	98.21	110.57	9.69	82.46	97.51	114.94
2021-09-03	133.6	14.01	92.43	115.42	141.06	97.89	4.91	85.91	87.09	99.81	111.18	10.65	81.37	98.53	115.68
2021-09-10	129.97	12.83	94.86	116.77	137.37	98.16	5.25	86.18	87.47	102.01	111.29	10.06	82.71	98.89	116.75
2021-09-17	133.49	13.35	95.06	117.07	140.85	99.34	5.38	86.29	88.66	101.32	111.32	9.57	81.77	100.39	116.11
2021-09-24	125.95	11.97	94.51	110.68	132.69	97.46	5.02	86.22	89.23	100.89	110.79	9.06	82.54	100.38	115.24
2021-10-01	129.96	13.56	91.9	114.61	135.93	98.32	5.06	86.15	87.32	100.42	111.72	10.52	81.48	98.01	116.94
2021-10-08	131.09	13.01	95.34	116.46	137.24	99.73	5.43	85.61	88.57	101.52	112.15	9.02	86.2	99.65	116.78

2021-10-15	130.13	13.21	94.81	110.78	137.79	99.85	5.81	85.36	89.08	101.83	111.43	9.53	83.65	99.56	116.52
2021-10-22	126.74	10.94	98.74	112.53	133.21	99.72	4.73	85.82	92.46	100.72	111.22	7.33	90	102.48	114.35
2021-10-29	125.09	11.25	95.76	110.91	131.13	99.18	5.26	85.63	90.94	101.32	110.89	7.91	88.23	100.27	116.33
2021-11-05	134.53	13.32	100.3	118.8	141.69	100.52	4.48	87.83	93.12	101.45	112.25	6.26	95.07	103.04	116.13
2021-11-12	126.93	11.63	95.67	111.81	132.77	101.73	6.93	85.54	90.57	106.44	112.13	8.59	87.3	100.93	117.43
2021-11-19	127.18	12.49	94	114.4	133.58	98.42	5.09	85.33	89.49	99.3	111.29	8.71	85.16	99.76	114.82
2021-11-26	124.62	10.82	95.6	108.77	129.86	99.84	5.5	85.35	91.62	102.11	109.78	7.91	85.23	99.96	113.1
2021-12-03	136.33	14.92	96.39	118.21	143.75	101.07	6.05	85.83	91.36	105.2	113.04	8.55	87.94	100.42	117.87
2021-12-10	127.46	11.73	93.42	109.59	133.18	99.88	4.98	85.45	92.64	100.37	110.9	8.3	85.32	102.26	115.01
2021-12-17	130.6	13.25	96.42	115.08	137.4	100.85	5.18	86.31	91.4	100.77	112.49	7.88	91.28	101.65	116.71
2021-12-24	123.39	9.59	96.07	108	128.39	97.74	4.42	85.68	92.98	96.25	109.27	7.31	88.25	102.91	111.81
2022-01-01	133.35	13.15	99.89	117.83	140.55	98.95	5.04	86.66	93.96	104.57	109.73	6.72	91.51	104.01	114.1
2022-01-08	127.62	12.58	91.7	109.45	133.25	100.49	5.95	85.33	89.59	103.73	111.23	9.25	83.39	99.11	115.48
2022-01-15	128.64	13.97	89.48	114.92	135.05	100.26	5.96	85.21	87.16	102.44	110.64	10.3	81.07	95.83	115.25
2022-01-22	127.57	14.14	90.28	108.28	134.03	100.81	5.12	85.25	86.54	99.03	111.84	10.28	80.95	95.09	115.44
2022-01-29	131.88	13.7	94.49	117.8	138.43	101.03	6.14	85.34	90.01	103.68	112.5	8.96	86.18	99.05	116.33
2022-02-05	126.66	13.33	89.14	109.86	132.3	99.36	5.54	85.15	86.42	100.45	112.04	10.7	80.81	97	116.4
2022-02-12	131.63	13.37	96.55	115.59	139.29	98.57	5.35	85.25	89.18	101.02	111.11	9.22	83.73	99	116.44
2022-02-19	129.59	13	93.2	113.77	136.46	100.93	5.82	85.23	89.85	101.68	113.75	10.19	83.78	102.44	118.26
2022-02-26	131.64	13.74	94.27	118.13	138.98	99.94	6.09	85.31	89.02	102.95	111.28	9.38	84.64	98.67	115.61
2022-03-05	127.77	12.88	92.46	111.44	133.29	100.8	5.52	85.18	88.38	99.44	112.51	9.32	84.64	99.56	115.85
2022-03-12	127.9	13.34	90.11	113.45	133.62	99.97	5.54	84.85	88.09	100.34	112.39	10.12	83.34	97.38	117.21
2022-03-19	125.69	12.1	90.62	110.46	131.2	99.25	5.73	84.75	88.16	101.11	112.17	9.76	83.6	100.97	118.01
2022-03-26	125.85	11.89	93.58	109.53	131.32	99.55	5.83	84.82	87.07	101.69	111.83	9.9	83.33	98.45	116.84
2022-04-02	126.13	11.25	93.4	111.09	131.07	98.81	5.67	84.82	90.75	101.26	110.96	8.84	85.03	103.65	115.32
2022-04-09	126.53	11.76	94.31	107.08	131.69	98.41	5.26	85.05	88.2	100.43	111.59	8.46	88.15	99.82	116.1
2022-04-16	127.15	12.61	92.44	111.77	132.8	99.05	5.32	84.88	88.79	99.76	111.85	9.05	85.82	101.35	116.9
2022-04-23	125.48	12.25	91.46	110.28	131.28	103.61	5.67	84.83	85.89	100.71	111.57	10.51	81.71	97.52	116.27
2022-04-30	126.32	12.91	89.53	114.41	131.95	108.19	6.26	84.76	86.77	102.73	110.96	10.4	79.67	99.74	116.36
2022-05-07	125.35	11.52	94.99	108.87	131.26	100.37	5.41	84.61	88.51	100.48	111.78	8.86	86.75	100.95	117.13

2022-05-14	128.02	13.18	91.34	114.94	133.95	104.38	5.75	84.86	89.28	101.44	111.35	9.78	84.03	102.17	116.97
2022-05-21	126.8	12.05	92.67	112.04	132.56	104.29	6.36	84.91	86.5	103.56	112.27	10.17	82.91	101.2	117.28
2022-05-28	126.03	12.97	88.78	111.94	131.41	99.68	5.57	84.92	86.58	100.87	110.75	10.74	79.05	100.01	115.15
2022-06-04	124.39	12.14	91.94	109.03	131.11	102.72	6.03	85.07	87.06	102.13	109.83	10.03	81.12	99.41	115.61
2022-06-11	130.15	13.26	92.45	115.56	135.56	98.67	5.62	85.53	88.56	102.85	113.1	9.74	85.48	102.15	118.67
2022-06-18	125.64	12.21	91.73	112.54	132.83	101.41	5.01	85.37	86.85	99.82	110.13	9.8	83.02	99.9	116.43
2022-06-25	125.6	12.75	89.17	111.48	132.34	94.89	4.38	85.35	87.2	98.16	109.41	10.09	79.79	99.56	115.05
2022-07-02	128.8	12.9	92.33	110.79	135.42	102.63	6.14	84.63	87.17	102.31	112.73	10.57	81.92	101.1	117.78
2022-07-09	134.24	14.64	91.75	116.76	141.47	98.43	5.86	84.53	87.1	101.7	111.8	10.14	82.15	102.27	116.98
2022-07-16	131.85	12.92	95.21	116.91	137.8	105.96	7.55	84.54	87.01	107.62	115.88	10.72	82.58	102.73	120.41
2022-07-23	130.4	13.41	91.64	114.72	137.14	99.5	6.05	84.35	86.79	102.38	111.98	10.49	81.4	101.62	117.5
2022-07-30	131.27	12.98	94.19	113.04	136.62	100.05	5.65	84.51	86.59	101.26	111.06	9.9	82.97	100.69	115.82
2022-08-06	134.61	14.2	93.97	117.89	139.71	98.49	5.7	84.26	86.41	100.5	110.94	10.14	82.38	101.16	116.06
2022-08-13	132.49	13.56	96.36	118.07	138.54	101.74	5.61	84.52	86.39	100.95	110.32	9.91	83.4	100.48	115.67
2022-08-20	131.18	14.24	92.61	112.33	138.72	99.01	5.73	84.49	86.02	100.91	111.71	10	83.7	100.52	116.6
2022-08-27	128.32	11.73	96.17	112.12	134.74	98.52	5.34	84.82	86.45	100.4	111.66	9.9	83.33	100.1	116.37
2022-09-03	132.25	14.25	93.2	113.03	139.5	97.38	5.14	84.76	87.36	99.33	109.83	9.39	83.79	100.89	115.07
2022-09-10	133.31	13.31	96.79	115.72	138.72	98.14	5.26	84.93	86.6	100.39	111.86	9.85	83.4	99.69	116.67
2022-09-17	127.64	13.01	93.18	110.72	134.73	96.96	4.97	84.84	88.41	99.83	112.35	8.87	84.82	100.77	116.07
2022-09-24	128.09	12.88	94.26	111.91	135.66	98.14	5.13	84.85	85.76	99.12	111.72	10.53	81.5	97.78	116.96
2022-10-01	132.65	15.09	91.7	116.25	140.06	106.7	5.6	83.59	86.13	100.75	111.24	10.46	80.91	98.57	116.41
2022-10-08	131.6	14.75	92.83	119.66	138.34	102.16	6.29	84.77	85.79	103.05	113.49	10.93	81.81	97.92	118.04
2022-10-15	130.44	14.84	88.56	110.54	136.39	97.98	5.28	84.22	85.34	99.33	112.2	11.26	80.01	96.69	117
2022-10-22	127.61	12.3	94.82	112.15	134.06	97.87	5.68	84.61	90.59	101.18	111.47	8.79	86.22	101.03	116.75
2022-10-29	131.25	13.27	96.78	114.72	138.33	100.71	6.27	84.72	89.89	103.37	114.75	9.08	86.92	102.18	118.89
2022-11-05	132.39	13.4	96.17	113.67	138.69	97.91	5.1	84.97	90.49	99.5	112.47	8.48	88.01	102.27	116.48
2022-11-12	130.88	13.92	92.98	110.35	138.05	99.04	5.31	84.85	89.24	100.79	112.08	8.82	87.42	101.01	117.61
2022-11-19	135.75	16.33	89.16	111.12	142.92	102.37	6.32	84.5	85.83	103.33	112.73	9.74	84.95	96.22	116.79
2022-11-26	135.54	14.22	98.33	118.07	143.56	99.17	5.21	85.62	91.58	101.81	112.27	7.46	91.72	103.08	117.64
2022-12-03	130.82	13.65	94.37	116.5	137.51	99.77	5.8	84.9	89.91	101.99	113.38	9.48	87.12	101.69	118.69

2022-12-10	131.16	13.66	96.04	115.66	137.94	98.51	5.23	84.71	88.72	98.82	111.97	8.95	86.81	100.75	116.8
2022-12-17	127.81	12.05	93.56	112.67	133.66	100.17	5.93	84.72	92.63	102.61	114.35	9.46	85.61	105.66	119.84
2022-12-24	135.2	14.45	97.25	114.43	141.23	100.73	5.95	85.64	92.29	104.87	110.44	6.9	91.56	101.18	114.08
2023-01-01	126.68	13.3	88.77	110.32	132.23	98.46	4.92	84.78	88.75	98.1	113.91	10.17	81.02	99.74	115.5
2023-01-08	128.39	13.37	95.03	111.16	134.45	97.8	4.87	85.7	89.65	99.94	111.41	7.58	91.56	100.66	117.44
2023-01-15															
2023-01-22															
2023-01-29	128.65	13.97	90.03	114.76	134.84	98.63	5.32	85.26	88.46	101.04	113.89	10.24	84.91	101.64	118.74
2023-02-05	127.72	13.02	92.58	114.69	133.95	99.41	5.02	85.22	90.11	99.42	112.23	9.05	84	101.3	117.57
2023-02-12	129.22	13.47	93.77	115.77	135.11	97.35	5.07	85.08	88.47	99.88	111.55	9.11	85.02	99.46	116.98
2023-02-19	132.01	12.31	97.83	118.57	139	99.09	5.33	85.19	92.66	102.14	113.1	9.09	86.74	106.37	117.13
2023-02-26	127.54	12.17	93.07	117.2	131.97	98.32	4.9	85.24	90.95	98.98	112.91	8.52	86.44	102.27	116.12
2023-03-05	127.36	12.1	96.82	113.01	132.89	99.62	5.2	84.59	88.54	100.71	113.42	8.23	89.83	99.58	118.06
2023-03-12	128.11	12.75	94.29	114.34	134.09	99.46	5.86	84.33	87.71	101.73	112.61	9.49	85.12	99.62	117.81
2023-03-19	130.42	13.19	95.71	118.01	137.53	97.73	5.49	84.37	87.15	100.68	111.15	9.68	83.32	97.86	117.1
2023-03-26	128.93	12.7	97.24	114.02	135.22	98.98	5.12	84.44	88.69	99.59	112.36	8.53	88.3	101.35	117.36
2023-04-02	127.92	12.13	95.17	112.53	134.24	99.02	5.42	84.36	88.36	99.92	111.48	9.12	83.39	99.48	115.3
2023-04-09	130.01	13.62	93.33	120.36	136.63	100.68	5.92	84.36	89.1	101.87	112.79	9.68	84.3	101.79	118.1
2023-04-16	130.5	13.2	94.92	115.79	137.15	97.73	5.06	84.52	91.41	100.17	112.82	8.75	86.38	103.03	117.37
2023-04-23	130.94	13.98	94.64	117.52	137.36	98.83	6.19	84.28	86.15	102.66	112.28	10.07	83.61	98.87	118.17
2023-04-30	126.89	12.31	94.69	112.64	133.09	103.99	6.3	84.25	86.96	101.91	112.65	9.77	84.04	100.2	118.35
2023-05-07	134.78	15.63	91.42	121.37	142.24	98.98	5.44	84.39	85.92	99.88	111.91	10.27	81.66	98.67	117.07
2023-05-14	130.93	13.94	91.75	119.41	137.45	100.19	5.97	84.28	86.07	102.23	112.46	10.24	82.95	100.82	118.42
2023-05-21	134.69	13.46	98.41	120.95	141.46	99.14	5.98	84.45	86.52	102.74	113.09	10.18	82.04	102.03	117.95
2023-05-28	130.78	12.81	92.8	114.02	134.6	96.1	4.95	84.33	86.88	99.28	110.95	8.7	86.43	100.09	115.85
2023-06-04	137.29	13.88	99.3	122.18	144.23	97.33	5.34	84.86	90.07	101.69	110.92	7.59	89.74	102.96	115.96
2023-06-11	134.05	13.63	93.65	116.49	140.49	100.62	5.32	84.28	86.54	99.73	110.98	9.22	84.73	99.44	115.99
2023-06-18	136.18	14.02	97.06	120.42	143.7	96.46	4.83	84.7	87.85	99.42	110.73	8.46	86.69	101.58	116.3
2023-06-25	131.67	11.74	96.65	114.82	134.91	97.04	5.28	84.45	86.28	100.09	110.9	9.31	85.64	101.33	116.47
2023-07-02	134.26	14.39	94.47	116.04	140.94	98.55	5.49	83.62	88.15	99.79	111.92	8.99	84.72	102.08	115.43

2023-07-09	124.49	11.39	92.67	109.13	130.78	97.69	5.01	82.99	85.33	97.21	109.07	8.68	84.34	98.8	113.41
2023-07-16	127.68	13.25	90.23	112.23	134.96	96.85	5.42	83.25	86.2	99.53	110.4	9.49	83.01	100.91	115.9
2023-07-23	125.33	11.3	92.88	109.69	130.2	96.52	5.95	82.9	85.2	100.68	110.06	9.39	84.09	100.82	115.52
2023-07-30	133.93	14.67	91.09	116.31	140.58	97.72	6.06	83.32	86.23	101.62	111.26	10.48	82.21	102.22	116.51
2023-08-06	125.81	11.42	93.01	110.46	131.76	96.15	5.3	82.98	85.29	98.47	110.11	9.67	83.31	99.96	114.49
2023-08-13	129.08	12.21	95.97	111.38	136.6	97.89	5.4	83.35	86.62	99.51	110.58	8.85	83.62	100.94	115.02
2023-08-20	121.7	10.52	92.9	107.45	127.67	96.42	5.17	82.74	85.53	97.75	109.77	9.04	83.58	99.68	114.53
2023-08-27	129.53	12.64	96	114.01	136.97	96.86	5.86	83.11	86.82	100.28	109.62	9.38	83.16	99.59	114.78
2023-09-03	124.12	11.58	92	110.14	131.14	97.47	5.69	82.89	84.6	99.59	110.9	10.33	82.5	98.66	115.67
2023-09-10	126.7	12.75	91.46	109.82	134.09	96.01	5.61	82.88	84.32	99.27	111.04	10.67	81.24	98.8	115.94
2023-09-17	122.53	11.01	92.39	108.19	128.39	96.24	5.25	82.94	85.49	98.3	110.91	8.98	84.29	98.93	114.55
2023-09-24	127.11	11.24	98.41	114.15	134.51	96.23	5.22	83.4	88.85	99.68	110.37	7.34	90.99	101.42	115.53
2023-10-01	125.18	12	93.4	112.42	131.67	101.02	5.69	83.07	85.81	100.04	111.78	9.43	82.88	99.19	116.04
2023-10-08	123.45	12.6	88.68	107.22	129.23	96.23	5.54	82.83	84.83	98.72	110.07	10.54	80.55	97.18	115.57
2023-10-15	129.16	13.57	91.46	113.03	135.55	96.52	5.55	83.35	86.45	100.93	113.34	8.97	83.39	97.71	114.1
2023-10-22	127.47	13.12	91.8	111.64	134.2	96.54	4.71	84.17	86.97	96.45	112.13	9.25	85.28	99.81	115.62
2023-10-29	134.9	15.11	93.3	117.5	141.72	98.35	5.83	84.28	87.22	101.21	111.72	9.45	85.1	100.17	117.1
2023-11-05	127.52	12.59	93.52	106.97	133.45	97.46	4.91	84.11	88.07	98.16	110.77	8.84	85.77	99.29	115.53
2023-11-12	133.5	13.65	95.52	119.08	141.11	99.8	5.8	84.06	86.63	100.57	114.59	10.29	84.5	101.58	119.39
2023-11-19	130.17	12.52	97.14	116.9	137.03	97.55	5.24	84.33	88.99	100.97	112.46	8.57	87.98	101.86	118.27
2023-11-26	137.2	16.01	94.17	117.74	144.75	97.52	5.59	84.1	87.4	100.13	113.09	10.48	82.85	100.47	117.96
2023-12-03	128.22	13.33	91.43	108.77	133.85	98.16	5.94	83.83	87.5	101.63	111.94	10.15	82.23	98.66	116.81
2023-12-10	137.93	14.85	96.63	118.96	144.83	98.03	5.82	84.29	88.11	102.04	112.79	9.91	87.17	101.08	119.33
2023-12-17	132.88	14.28	93.38	115.66	139.21	98.25	5.64	83.99	86.31	99.83	112.77	11.44	81.19	97.1	118.93
2023-12-24	137.15	14.78	96.91	119.87	144.43	98.87	5.22	84.28	90.36	100.14	113.98	9.56	87.74	104.27	119.79
2024-01-01	126.52	12.81	90.81	110.55	132.14	97.94	5.02	83.83	88.17	97.72	111.82	9.5	80.32	99.56	116.58
2024-01-08	140.32	14.46	100.59	123.2	147.97	98.66	5.64	84.52	92.22	102.78	114.7	9.01	90.41	107.31	121.58
2024-01-15	131.27	13.18	92.65	117.83	136.98	96.27	5.18	83.95	88.7	99.01	111.87	8.91	86.72	102.39	117.78
2024-01-22	135.07	14.51	97.61	119.71	142.08	98.73	6.06	84.26	89.85	102.81	112.53	8.85	88.76	101.56	118.49
2024-01-29	127.98	13.6	91.23	111.64	134.17	97.55	5.57	83.75	86.03	99.9	113.14	10.95	81.4	98.94	118.66

2024-02-05	137.12	14.83	96.05	120.78	144.35	99.09	6.23	83.9	87.27	101.92	114.24	10.94	83.76	100.71	120.21
2024-02-12	131.2	12.7	96.58	117.32	137.74	96.38	4.88	84.01	91.11	99.04	112	8.83	86.57	104.49	117.77
2024-02-19	130.26	13.22	93.66	118.96	136.26	97.63	6.04	83.66	86.68	101.05	112.97	9.84	85.08	99.98	118.15
2024-02-26	126.74	10.19	101.18	113.53	132.94	99.27	4.84	84.61	91.55	101.02	112.01	7.27	91.68	103.72	117.73
2024-03-04	132.96	14.06	93.46	115.85	140.42	97.94	5.56	83.68	87.94	99.7	111.2	10.03	82.75	99.17	116.47
2024-03-11	130.9	13.62	94.95	116.99	137.95	98.94	5.2	83.83	87	97.78	111.2	9.19	84.37	99.03	115.28
2024-03-18	130.19	14.2	92.04	114.3	137.01	96.57	5.67	83.66	85.11	99.66	110.83	10.73	81.04	96.23	116.55
2024-03-25	130.38	13.63	93.82	115.15	137.19	97.42	5.43	83.74	87.82	99.21	111.37	9.34	84.17	99.51	116.2
2024-04-01	132.98	14.18	95.36	121.77	140.24	99.43	5.61	83.73	87.14	100.15	112.53	9.8	83.71	99.2	117.42
2024-04-08	136.05	14.66	96.72	124.99	142.94	98.9	5.4	83.94	88.2	99.46	112.28	9.43	83.02	100.26	117.08
2024-04-15	131.65	14.67	93.05	113.6	139.34	96.3	5.01	83.79	85.79	97.81	110.92	9.48	83.63	97.92	115.97
2024-04-22	134.28	15.88	90.4	116.81	141.91	97.68	6	83.66	87.49	101.05	111.22	9.61	81.7	98.42	116.19
2024-04-29	136.96	15.56	94.65	119.26	144.99	106.39	5.66	83.76	85.83	100.55	111.39	9.87	83.12	99.1	117.47
2024-05-06	137.47	15.37	93.75	122.34	143.81	99.51	5.99	83.92	86.45	102.24	113.18	9.98	83.37	100.17	117.94
2024-05-13	132.78	14.03	94.33	114.78	139.31	103.56	5.39	83.99	86.58	99.8	111.75	9.39	84.31	100.21	117.19
2024-05-20	135.74	14.57	96.42	119.15	142.44	98.16	5.63	83.88	88.62	100.84	112.03	8.74	87.82	101.36	117.81
2024-05-27	135.12	14.06	98.11	119.9	142.77	98.02	5.89	83.82	86.46	101.3	112.24	9.41	83.1	101	116.59
2024-06-03	136.26	14.74	95.62	121.5	142.61	97.26	5.52	84.03	88.42	100.97	110.3	8.2	86.54	101.54	115.71
2024-06-10	132.64	13.39	96.7	113.79	139.54	98.93	5.22	84.11	86.81	99.48	110.86	8.47	87.04	100.35	116.28
2024-06-17	137.08	15.39	93.32	118.57	144.54	98.41	5.35	83.63	85.82	99.06	110.23	9.32	83.87	99.82	115.61
2024-06-24	136.84	15.02	94.67	119.85	144.44	103.38	5.66	83.96	86.25	100.76	111.19	9.86	83.5	100.95	117.07
2024-07-01	136.76	15.42	92.54	119.29	144.32	98.13	5.73	83.85	86.53	101.04	113.01	10.08	81.95	101.35	116.98
2024-07-08	133.16	14.24	92.17	112.37	140.36	100.25	5.91	83.79	85.36	101.09	111.94	10.62	82.08	100.42	117.08
2024-07-15	134.03	15	92.63	113.52	140.54	96.3	5.24	83.58	85.53	98.98	110.68	9.34	83.94	100.63	115.98
2024-07-22	137.78	14.98	96.37	120.06	144.29	99.16	5.9	84.16	86.89	101.69	112.46	9.77	84.23	102.44	117.88
2024-07-29	134.19	15.27	93.47	116.59	142.28	97.69	5.82	83.88	86.49	101.32	110.9	9.67	83.93	101.33	116.76
2024-08-05	134.19	14.87	94.14	113.69	141.66	100.34	5.59	84.05	86.5	100.73	111.3	9.66	83.76	101.99	117.06
2024-08-12	135.32	14.85	92.77	111.74	141.9	97.92	5.91	83.63	85.28	101.16	111.66	10.31	83.05	100.96	117
2024-08-19	137.62	15.37	95.45	118.27	143.89	97.2	5.78	84.09	86.76	100.54	111.46	9.74	82.9	100.34	116.61
2024-08-26	135.56	15.2	93.01	113.1	143.88	100.39	6.38	83.82	86.23	103.03	112.88	10.2	82.76	101.45	117.32

2024-09-02	131.73	13.46	91.82	109.27	137.54	98.16	5.59	83.75	85.57	100.2	112.48	10.21	82.07	100.31	116.8
2024-09-09	131.11	14.42	90.68	109.5	137.88	97.27	5.84	83.55	85.36	100.53	110.3	9.77	81.77	99.03	115.7
2024-09-16	134.59	15.75	92.15	119.95	141.89	98.1	5.29	83.96	85.71	99.36	111.68	10.2	81.5	99.5	116.86
2024-09-23	133.51	15.12	94.02	113.15	141.22	99.24	6.2	83.9	87.69	102.64	113.14	9.28	85.76	100.46	117.94
2024-09-30	128.79	13.54	90.4	107.9	134.99	98.95	5.55	83.65	85.18	99.99	110.53	9.82	82.17	98.4	115.68
2024-10-07	132.5	15.14	90.69	109.15	139.77	97.7	5.48	83.71	85.55	100.12	111.04	10.51	80	97.78	115.7
2024-10-14	134.91	14.06	97.33	117.69	142.28	98.05	6.02	84.09	89.49	101.9	110.82	9.3	84.11	101.09	116.28
2024-10-21	132.52	14.36	93.05	115.91	138.96	101.24	5.89	84.06	87.01	101.88	111.78	9.61	84.36	98.97	116.8
2024-10-28	128	12.5	94.57	110.66	134.54	105.01	5.59	84.04	88.87	100.59	112.41	9.61	82.81	99.78	116.84
2024-11-04	130.58	15.84	88.11	111.4	138.15	98.96	6.43	83.83	85.28	102.62	113.48	12.15	79.49	96.6	118.81
2024-11-11	134.93	14.51	97.11	114.65	142.39	97.14	5.16	84.16	90.84	99.94	110.06	7.99	87.34	101.46	114.45
2024-11-18	135.33	14.17	98.31	117.91	142.12	98.58	4.9	85.59	91.45	101.5	111.66	7.2	92.49	103.16	116.51
2024-11-25	129.39	13.74	93.13	112.99	136.42	98.28	5.34	84	88.31	99.69	111.06	9.45	84.69	100.03	117.06
2024-12-02	134.46	15.32	92.86	118.83	142.06	99.09	5.87	84.09	86.55	101.58	112.17	10.2	82.68	98.23	117.14
2024-12-09	133.83	14.71	94.11	117.69	140.97	98.02	5.6	83.93	87.09	99.27	111.05	9.59	85.2	100.15	115.85
2024-12-16	135.61	15.38	94.01	118.4	142.57	99.18	5.99	84.17	90.18	103.13	111.05	8.46	86.61	101.43	116.45
2024-12-23	128.2	12.42	94.36	109.78	134.85	96.28	4.46	84.52	90.39	96.8	109.63	7.67	88.69	101.83	114.01

Table 15b: Boundary Pass weekly sound pressure levels (SPL) in decibels (dB). Mean (Avg) and standard deviation (Std), Q₅, Q₅₀ and Q₉₅ levels for water turbulence, echosounders and wind are given.

Date	Avg 10-100 Hz	Std 10-100 Hz	Q5 10-100 Hz	Q50 10-100 Hz	Q95 10-100 Hz	Avg 49500-50500 Hz	Std 49500-50500 Hz	Q5 49500-50500 Hz	Q50 49500-50500 Hz	Q95 49500-50500 Hz	Avg 7500-8500 Hz	Std 7500-8500 Hz	Q5 7500-8500 Hz	Q50 7500-8500 Hz	Q95 7500-8500 Hz
2019-01-01	142.47	17.2	88.48	120.35	142.77	83.84	5.07	64.95	67.92	77.12	94.61	8.35	68.12	82.45	95.2
2019-01-08	135.77	15.74	88.57	116.65	138.15	79.14	4.47	64.84	66.7	74.18	92.99	8.48	68.62	81.18	96.08
2019-01-15	141.2	17.37	84.57	116.53	143.01	91.89	5.08	65.07	67.98	78.09	92.9	7.01	72.79	83.17	96.07
2019-01-22	145.61	16.63	92.75	123.82	152.43	86.2	5.55	64.81	66.25	79.94	92.94	9.29	66.85	79.9	96.48
2019-01-29	138.28	16.5	87.13	120.7	141.28	77.98	4.27	64.87	66.9	75.57	93.4	8.5	67.07	80.87	94.96
2019-02-05	136.31	16.64	88.86	114.9	141.79	90.35	4.15	64.84	69.06	73.22	93.43	8.69	67.5	86.24	95.36
2019-02-12	138.93	17.32	84.11	113.72	139.03	76.18	3.95	64.85	68.79	74.61	91.45	7.93	67.59	83.66	94.39

2019-02-19	144.29	14.73	99.84	126.04	148.8	89.31	5.81	64.9	67.95	80.81	94.32	8.73	68.4	83.49	98.08
2019-02-26															
2019-03-05	129.22	12.85	90.58	118.86	133.88	84.96	4.96	64.36	65.33	76.26	93.07	8.95	67.21	78.33	97.26
2019-03-12	128.65	16.28	82.89	114.94	134.21	82.85	5.21	64.31	65.33	77.55	93.3	9.07	66.54	78.61	96.95
2019-03-19	136.34	14.14	93.04	124.3	139.73	88.23	5.2	64.39	65.38	78.18	93.76	8.91	67.49	78.11	97.38
2019-03-26	129.24	16.4	83.04	115.61	135.04	83.7	4.37	64.34	65.17	73.41	93.04	9.13	66.52	77.57	96.56
2019-04-02	127.67	15.25	82.95	115.91	133.64	86.29	5.03	64.38	66.33	75.6	95.48	8.81	66.54	80.59	95.77
2019-04-09	129.41	15.73	84.79	118.95	134.59	86.76	5.01	64.43	66.99	76.78	94.36	8.25	69.34	82	98.35
2019-04-16	133.69	14.12	91.23	122.02	138.28	83.05	4.96	64.49	66.18	77.46	93.14	8.38	68.36	80.48	97.07
2019-04-23	135.29	16.79	84.78	116.48	138.86	88.36	5.08	64.39	66.14	76.51	93.19	8.5	67.65	81.12	96.2
2019-04-30	127.95	15	83.03	112.6	134.12	86.87	4.91	64.35	65.42	74.91	93.55	8.87	66.49	81.11	97.08
2019-05-07	132.94	15.44	88.76	118.83	139.07	86.89	5.61	64.32	65.58	78.75	94.97	8.84	69	82.47	99.22
2019-05-14	132.94	14.83	88.57	119.14	139.11	91.69	5.26	64.38	65.64	77.53	93.7	9.12	68.17	81.08	97.97
2019-05-21	133.68	15.68	88.42	119.35	139.99	91.08	5.71	64.42	65.65	80.08	94.11	9.24	67.36	81.9	98.19
2019-05-28	127.24	14.05	86.49	112.35	132.53	94.74	6.33	63.52	65.31	81.3	93.83	8.8	69.27	82.16	98.72
2019-06-04	127.55	14.59	85.5	112.01	133.07	87.06	5.17	63.66	65.21	77.11	95.26	8.63	70.4	82.34	98.88
2019-06-11	126.32	14.77	84.52	106.98	131.79	90.86	6.46	63.57	64.78	81.52	95.02	9.03	68.31	81.38	99.23
2019-06-18	127.19	15.63	82.35	107.41	133.39	86.78	5.8	63.69	65.35	79.56	94.93	8.58	71.72	82.47	100
2019-06-25	125.45	14.54	82.71	104.19	130.46	86.77	6.15	63.4	64.19	79.69	94.57	10.08	67.38	82.32	100.07
2019-07-02	128.55	15.3	86.57	116.65	135.84	94.64	7.23	63.8	66.86	84.89	95.82	8.38	74.75	87.33	102.27
2019-07-09															
2019-07-16															
2019-07-23															
2019-07-30															
2019-08-06															
2019-08-13	123.88	14.17	86.88	109.06	127.63	92.22	5.52	65.34	66.12	76.26	93.58	8.95	67.77	78.79	97.09
2019-08-20	121.95	13.94	82.47	99.8	126.21	95.03	6.56	65.1	65.64	81.76	92.11	10.26	65.57	79.96	97.27
2019-08-27	127.52	14.55	85.01	111.54	134.45	90.74	6.26	65.28	66.39	81.97	93.16	10.14	66.63	82.64	98.77
2019-09-03	124.37	14.38	83.81	105.61	129.87	85.48	5.72	65.56	66.25	80.95	92.18	9.52	67.15	79.56	97.8
2019-09-10	125.86	15.5	83.17	106.01	132.52	90.6	6.1	65.58	66.53	81.51	93	9.32	67.13	80.57	97.85

2019-09-17	123.14	14.5	81.82	101.34	127.34	89.48	5.83	65.51	66.06	79.77	93.92	9.76	66.73	79.75	97.13
2019-09-24	125.45	13.85	86.61	110.42	131.49	92.52	5.8	65.66	67.31	79.67	91.19	7.57	70.16	81.4	95.92
2019-10-01	124.2	16.04	78.68	107.99	129.85	85.56	4.71	65.55	66.16	77.33	91.78	9.1	66.3	77.96	95.22
2019-10-08	123.48	15.33	79.52	103.82	128.42	77.43	3.98	65.54	66.24	73.44	93.05	8.84	67.57	78.86	96.45
2019-10-15	125.99	16.06	80.47	103.19	130.92	83.8	4.59	65.56	67.83	76.73	92.76	8.09	68.73	82.31	96.02
2019-10-22	126.85	15.98	81.2	107.86	131.5	84.18	5.09	65.6	66.67	77.9	93.6	9.43	67.44	80.54	98.2
2019-10-29	128.06	16.4	81.5	112.38	133.59	82.04	4.53	65.76	66.79	76.46	94.07	9.18	67.26	78.51	97.06
2019-11-05															
2019-11-12															
2019-11-19	123.51	12.77	86.15	111.64	130.17	75.89	3.97	63.35	66.1	70.74	91.45	7.77	68.76	82.92	96.49
2019-11-26	131.3	17.47	81.93	114.37	137.86	84.43	5.55	63.48	67.86	80	94.1	7.96	70.72	84.5	97.3
2019-12-03	125.11	16.77	76.62	102.14	129.85	82.7	4.67	63.27	64.83	73.76	92.2	8.63	66.7	78.54	95.65
2019-12-10	131.09	16.97	80.67	112.36	137.35	85.22	5.71	63.35	65.3	79.58	92.82	8.44	68.57	80.9	96.26
2019-12-17	127.82	14.63	82.74	112.18	133.35	79.64	4.69	63.41	67.27	75.88	93.05	8.13	68.15	81.96	96.36
2019-12-24	129.92	17.26	79.72	115.18	136.15	78.44	5.1	63.34	66.28	77.89	93.52	8.53	67.17	81.77	95.93
2020-01-01	124.93	14.27	83.98	102.49	129.37	82.72	3.85	63.58	68.72	74.7	91.46	6.32	72.34	85.73	94.09
2020-01-08	131.36	15.82	86.73	114.55	138.47	86.13	5.52	63.42	69.23	81.04	93.87	7.49	71.49	87.09	96.72
2020-01-15	126.26	13.97	85.62	106.75	130.96	78.77	3.86	63.44	67.65	72.69	91.91	7.54	69.56	84.94	93.55
2020-01-22	128.74	16.26	82.89	112.83	134.87	81.85	4.68	63.48	67.95	76.29	94.03	6.97	72.4	84.07	96.25
2020-01-29	126.4	15.73	80.18	103.05	130.38	82.12	4.81	63.17	66.39	75.73	92.75	8.31	67.09	82.23	95.42
2020-02-05	128.82	16.31	83.16	111.4	134.92	78.35	4.85	63.38	68.76	75.98	93	8.08	69.51	83.21	96.04
2020-02-12															
2020-02-19															
2020-02-26															
2020-03-04															
2020-03-11															
2020-03-18															
2020-03-25															
2020-04-01															
2020-04-08															

2020-04-15															
2020-04-22															
2020-04-29															
2020-05-06															
2020-05-13	128.68	16.83	82.3	106.82	136.07	81	4.54	65.61	66.24	76.66	93.47	10.12	66.7	76.47	98.79
2020-05-20	128.24	16.75	82.38	114.18	134.3	78.57	4.83	65.68	66.46	77.85	93.49	9.24	67.34	80.11	98.77
2020-05-27	130.04	15.86	86.11	112.27	136.37	91.2	4.79	65.64	66.32	76.95	93.69	9.32	67.73	79.67	99.1
2020-06-03	131.01	17.92	81.57	117.01	138.39	76.52	4.39	65.68	66.92	77.21	93.02	9.29	66.84	81.58	97.45
2020-06-10	128.09	16.12	83.39	106.44	134.57	80.65	4.7	65.64	66.68	76.55	94.64	9.21	67.48	79.98	97.18
2020-06-17	129.19	15.85	85.32	114.94	136.4	81.71	4.84	65.67	66.52	77.87	94.07	9.54	68.01	79.77	99.41
2020-06-24	129.56	16.7	82.24	113.81	136.12	85.37	4.52	65.92	67.03	76.21	93.4	8.82	68.62	80.57	98.81
2020-07-01	129.87	17.53	80.61	116.44	137.77	77.14	4.41	66.09	67.92	77.88	90.76	8.22	67.61	82.06	96.18
2020-07-08	127.46	16.55	81.15	108.73	134.94	90.23	4.22	66	67.1	76.14	92.92	9.22	67.87	78.61	97.27
2020-07-15	127.44	17.09	78.6	111.58	134.78	87.91	4.34	65.92	66.93	76.2	92.35	8.89	67.97	79.14	96.79
2020-07-22	130.6	15.21	87.45	114.32	138.99	94.16	5.45	66.36	67.68	80.5	94.03	8.95	68.78	81.35	98.23
2020-07-29	128.91	15.89	83.8	115.65	136.51	78.81	4.45	66.28	67.71	77.35	93.13	8.7	68.13	80.46	96.23
2020-08-05	126.82	15.51	83.86	107.57	134.46	84.34	4.28	66.51	68.13	77.12	91.06	8.37	68.44	80.37	95.83
2020-08-12	127.17	16.22	83.02	110.26	133.99	79.27	4.34	66.26	67.53	77.02	92.14	9.19	67.51	79.78	97.88
2020-08-19	129.83	14.99	87.62	116.99	137.59	91.91	5.41	66.22	67.64	79.14	92.92	9.42	67.49	81.21	98.39
2020-08-26	128.78	14.91	85.99	113.67	136.68	87.21	4.81	66.11	67.03	77.89	91.73	9.25	67.39	78.43	97.16
2020-09-02	126.83	15.41	82.11	108.56	133.12	76.84	4.36	66.04	67.07	76.74	91.13	9.11	67.17	80.43	97
2020-09-09	124.11	16.03	80.33	106.36	130.36	85.02	5.27	63.54	66.35	76.46	91.64	9.21	66.44	77.15	95.69
2020-09-16	133.93	15.72	87.21	117.82	141.44	78.16	4.61	63.54	64.36	74.37	91.85	9.09	66.81	76.47	95.82
2020-09-23	132.66	15.37	88.16	113.43	140.54	82.7	4.97	63.53	65.64	76.68	91.98	8.12	68.46	82.07	95.83
2020-09-30	127.25	14.36	85.62	111.35	132.26	81.14	5.25	63.4	64.09	76.9	92.72	9.79	66.74	76.99	96.93
2020-10-07	130.75	14.84	86.28	110	134.42	85.64	5.39	63.42	65.72	77.77	91.42	8.06	68.85	81.71	95.76
2020-10-14	137.58	16.44	87.51	120.67	142.63	77.57	4.97	63.52	64.78	78.01	92.34	9.45	67.36	79.25	96.95
2020-10-21	136.08	16.99	84.48	113.77	142.21	81.09	4.85	63.45	67.03	76.3	91.72	8.47	67.33	83.45	94.65
2020-10-28	127.5	14.53	86.16	112.41	133.29	87.53	5.11	65.44	66.82	78.22	94.11	8.36	68.75	81.73	96.95
2020-11-04	128.37	14.39	87.83	114.29	135.62	82.34	4.32	65.91	69.88	75.85	93.25	7.14	72.98	85.35	97.41

2020-11-11	129	14.22	88.06	117.35	135.63	83.07	5.1	65.84	69.7	81.15	93.87	7.84	70.45	84.7	96.94
2020-11-18	127.35	15.34	84.81	111.7	133.71	81.25	4.64	65.9	68.69	78.53	93.95	7.8	71.23	83.13	98.12
2020-11-25	126.93	15.31	82.61	112.15	132.35	78.21	4.49	65.73	68.24	76.87	94	8.6	68.65	82.73	96.69
2020-12-02	127.5	16.13	82.26	112.2	133.55	83.65	5.06	65.69	67.22	78.69	94.34	8.66	68.06	80.09	97.41
2020-12-09	128.51	15.95	82.61	115.44	135.22	82.98	5.47	65.7	67.72	80.9	95.14	9.04	67.86	81.8	98.44
2020-12-16	127.98	14.14	89.48	112.82	134.18	81.19	4.89	65.82	70.89	81.76	92.78	7.52	69.69	86.49	96.4
2020-12-23	125.95	15.93	80.84	108.27	130.4	84.74	4.26	65.81	67.89	74.47	93.55	7.22	71.56	81.67	96.12
2021-01-01	126.06	14.75	83.05	111.68	132.29	78.59	4.42	65.72	69.65	77.58	92	8.28	67.68	84.34	96.04
2021-01-08	129	14.71	85.51	115.32	135.15	79.54	5.45	65.86	69.39	82.65	93.27	8.08	69.01	84.3	97.23
2021-01-15	124.63	13.01	90.54	115.19	129.91	83.16	5.94	66.56	69.69	84.1	97.68	7.93	79.65	85.34	105.31
2021-01-22															
2021-01-29	127.33	13.48	86.78	110.19	131.71	86.62	5.62	65.24	67.97	81.62	95.12	7.81	74.21	82.44	100.06
2021-02-05	126.89	15.48	83.1	111.91	132.05	92.4	5.01	65.22	69.31	79.53	94.1	7.5	71.53	84.79	97.39
2021-02-12	126.13	15.56	81.27	104.64	131.51	88.56	4.93	65.05	69.81	77.77	93.36	9.23	65.98	84.8	95.79
2021-02-19	126.33	16.56	80.13	103.59	131.88	78.21	4.2	65.15	68.75	74.66	92.66	7.01	72.23	83.81	95.97
2021-02-26	127.06	14.71	85.85	112.66	132.49	80.77	4.85	65.05	67.42	76.77	93.95	9.32	66.07	82.17	97.44
2021-03-05	126.45	14.96	82.28	110.18	131.45	82.51	4.17	65.16	67.74	74.1	93	8.34	68.63	82.9	97.4
2021-03-12	127.04	15.95	80.96	109.22	132.09	84.89	4.86	65.01	65.63	75.71	93.53	10.14	65.92	76.95	97.07
2021-03-19	126.34	15.67	81.99	106.03	131.22	78.43	4.23	65.1	68.84	74.51	92.8	8.75	66.66	84.09	96.29
2021-03-26	127.86	14.79	85.46	115.07	132.59	81.51	4.88	65.11	66.5	76.76	94.33	9.49	66.91	81.27	98.16
2021-04-02	127.88	16.86	79.9	110.76	133.86	81.59	4.61	65.05	66.35	75.4	93.55	9.23	66	79.56	97.28
2021-04-09	125.76	15.98	80.15	103.49	130.78	89.34	5.38	65.11	67.69	78.42	93.09	7.08	72.47	82.48	96.85
2021-04-16	127.43	16.51	80.35	107.69	132.95	87.34	5.14	64.92	65.4	77.06	94.17	10.04	65.26	75.84	96.82
2021-04-23	126.2	15.37	81.76	107.72	131.1	83.87	4.86	65.01	65.98	75.38	93.36	9.28	65.92	76.01	96.72
2021-04-30	128.41	16.89	80.45	113.09	133.94	82.77	5.24	65.07	65.85	79.41	93.69	9.38	66.88	78.62	98.01
2021-05-07	126.12	16.41	77.96	103.65	131.2	85.03	4.54	64.96	65.67	74.86	92.7	10.01	65.23	78.49	97.25
2021-05-14	126.6	14.97	85.74	108.59	132.71	87.15	4.45	65.07	66.43	75.69	93.08	8.83	67.1	80.48	97.52
2021-05-21	127.35	15.62	81.67	106.97	132.07	84.97	4.6	65.02	65.99	75.35	92.82	8.23	68.35	80.42	97.16
2021-05-28	129.52	16.15	83.22	110.75	134.87	80.28	5.59	65.14	66.03	81.18	94.42	9.73	66.96	81.41	98.59
2021-06-04	128.44	15.81	84.37	106.43	134.49	91.3	6.51	63.55	65.39	80.39	94.28	9	68.07	81.31	98.37

2021-06-11	132.08	16.95	85.39	114.3	139.04	78.18	4.91	63.64	64.58	75.76	95.57	9.92	67.03	79.14	99.08
2021-06-18	132.64	15.2	88.57	113.47	137.66	84.83	5.96	63.58	64.89	80.34	95.12	8.93	69	82.87	99.67
2021-06-25	135.97	16.94	87.65	120.4	143.72	81.79	5.53	63.87	65.66	78.37	94	9.23	68.03	82.4	98.65
2021-07-02	124.97	13.68	87.75	110.21	131.35	79.05	4.25	63.51	64.48	73.47	91.36	8.46	67.94	80.67	96.48
2021-07-09	136.4	17.2	87.72	119.02	143.48	78.63	4.45	63.96	65.45	74.52	91.06	7.56	69.97	80.36	95.49
2021-07-16	131	15.25	88.39	114.69	137.13	80.56	4.88	63.69	64.99	76.13	92.52	8.3	67.9	80.34	96.09
2021-07-23	134.78	15.55	91.34	121.58	141.82	89.25	5.59	63.99	65.31	79.06	93.28	9.39	68.05	81.7	99.09
2021-07-30	125.87	14.95	84.54	108.47	132.97	91.94	5.75	63.5	64.23	77.14	91.49	8.38	68.58	80.06	96.82
2021-08-06	135.84	16.47	87.23	118.29	143.32	80.39	5.29	63.84	65.32	78.45	92.83	8.83	67.65	82.13	98.05
2021-08-13	129.4	14.97	86.94	113.35	134.73	87.29	4.29	63.69	64.67	73.19	91.02	8.22	68.5	79.37	96.22
2021-08-20	135.35	15.4	89.67	119.98	142.84	90.5	5.26	63.9	65.22	77.17	93.55	9.3	67.7	81.51	98.91
2021-08-27	123.66	14.47	84.91	106.04	130.05	80.1	5.08	63.48	64.22	76.37	91.6	9.05	67.15	78.86	96.23
2021-09-03	133.52	15.92	85.48	113.93	140.99	81.5	5.53	63.6	64.59	77.8	92.76	9.85	66.65	78.85	97.23
2021-09-10	129.74	15.07	88.24	115.54	137.12	81.87	5.17	63.72	64.75	77.3	93.05	9.2	67.56	80.1	97.81
2021-09-17	133.39	15.64	86.24	115.95	140.77	82.78	5.39	63.78	65.39	77.3	93.72	8.89	67.47	82.22	97.68
2021-09-24	125.41	15.56	83.5	107.86	132.27	82.26	5	63.64	65.68	76.47	92.32	8.48	67.57	83.38	96.35
2021-10-01	129.71	15.61	84.32	112.98	135.48	78.59	5.02	63.62	64.61	76.42	93.83	9.66	67.22	79.03	98.7
2021-10-08	130.89	16.02	85.7	114.52	137	93.52	6.22	63.95	67.17	80.64	93.03	8.48	68.57	80.89	97.63
2021-10-15	129.86	15.6	85.89	109.2	137.59	84.6	4.99	66.05	67.97	77.82	92.34	8.72	66.99	80.13	95.65
2021-10-22	126.31	14.99	85.79	110.59	132.67	80.8	3.89	66.32	70.2	76.36	92.16	6.82	71.45	84.7	93.36
2021-10-29	124.24	15.18	80.93	108.42	129.98	79.11	4.58	66.26	69.31	78.2	91.58	7.05	69.6	82.25	94.87
2021-11-05	134.42	16.44	87.89	117.71	141.63	83.58	4.56	67.44	71.24	79.44	92.53	5.4	77.8	85.2	95.43
2021-11-12	126.22	15.6	81.72	108.97	131.8	84.92	5.89	66.19	68.98	82.39	93.37	8.4	68.81	82.63	98.24
2021-11-19	126.72	15.79	84.14	113.16	133.12	85.84	4.45	66.06	68.38	75.66	90.14	8.17	67.54	80.89	93.91
2021-11-26	124.03	15.16	80.2	106.02	128.96	84.69	4.54	66.06	69.74	77.89	91.49	7.64	67.8	82.69	93.44
2021-12-03	136.25	18.35	82.9	116.97	143.72	82.34	5.67	66.34	69.74	84.21	92.86	7.73	69.95	82.88	96.65
2021-12-10	127.05	16	81.26	107	132.59	78.62	4.17	66.04	70.66	76.21	92.34	7.82	68.36	84.68	95.59
2021-12-17	130.34	16.87	82.78	113.77	137.2	87.61	4.6	66.42	69.65	77.55	93.47	7.34	73.13	83.05	97.04
2021-12-24	122.68	13.93	80.55	98.65	127.43	76.7	3.58	66.16	70.8	73.02	90.86	7.05	70.41	85.65	92.03
2022-01-01	133.24	17.62	84.62	116.8	140.45	78.3	4.93	66.58	71.56	83.81	90.65	6.14	73.92	86.55	94.65

2022-01-08	127.1	16.28	78.61	107.01	132.66	83.75	4.6	65.87	68.16	78.28	92.64	8.4	66.44	80.92	95.09
2022-01-15	128.29	17.37	78.07	113.89	134.74	89.04	4.79	65.78	66.94	77.69	92.12	9.33	65.53	76.23	95.29
2022-01-22	127.1	17.15	78.64	106.02	133.61	81.61	4.36	65.78	66.55	74.11	92.57	8.95	65.42	75.68	94.88
2022-01-29	131.66	17	82.69	117.11	138.17	86.81	5.61	65.84	68.6	81.93	92.98	8.37	67.1	81.21	96
2022-02-05	125.98	16.55	78.87	107.89	131.59	85.55	4.62	65.71	66.42	74.75	91.99	9.86	65.35	75.74	96.8
2022-02-12	131.45	16.64	83.49	114.71	139.14	85.09	5.22	65.8	68.13	78.91	91.58	8.7	66.04	80.23	95.8
2022-02-19	129.17	16.42	82.52	111.11	135.89	84.12	4.82	65.79	68.51	76.38	94.49	9.98	66.2	82.91	98.29
2022-02-26	131.47	17.12	83.16	117.27	138.75	79.78	5.17	65.89	67.79	79.47	92.16	9.14	66.52	79.76	96.02
2022-03-05	127.27	16.03	81.71	109.5	132.64	82.27	4.64	65.78	67.35	74.99	92.18	8.86	66.31	80.09	95.66
2022-03-12	127.46	16.39	80.91	112.32	133.28	87.11	4.86	65.54	67.31	76.72	92.74	9.15	66.44	78.85	96.78
2022-03-19	124.93	15.55	77.82	108.62	130.24	81.71	5.03	65.47	67.31	77.82	92.74	9.23	65.9	80.23	97.7
2022-03-26	125.15	14.27	83.82	107.53	130.41	81.05	4.86	65.5	66.73	77.04	92.34	9.21	65.93	77.45	97.26
2022-04-02	125.44	14.52	83.56	108.68	130.15	87.31	5.12	65.48	68.64	77.69	91.57	9.01	66.4	83.02	96.01
2022-04-09	125.93	15.13	81.72	103.63	130.82	78.62	4.42	65.56	67.27	76.1	91.63	7.93	69.04	80.27	95.88
2022-04-16	126.7	16.04	80.24	109.4	132.34	82.24	4.83	65.46	67.58	76.58	92.47	8.38	67.04	81.93	96.45
2022-04-23	124.61	14.51	81.77	108.08	130.39	86.24	5.1	65.45	66.12	78.04	92.69	9.41	65.51	75.19	95.11
2022-04-30	125.62	15.41	80.4	112.57	131.3	78.32	4.82	65.34	66.45	77.84	91.44	9.43	65.15	77.53	96.28
2022-05-07	124.63	14.54	83.53	104.34	130.44	79.46	4.75	64.96	67.1	76.97	92.33	8.61	67.35	81.17	96.76
2022-05-14	127.65	16.29	80.93	113.01	133.65	85.78	4.96	65.21	67.74	78.51	91.22	8.65	66.92	81.29	96.18
2022-05-21	126.2	14.59	84.69	108.59	132.06	87.58	5.7	65.14	66.14	80.37	92.34	9.93	65.58	78.71	97.72
2022-05-28	125.5	15.6	81.21	109.43	130.71	82.99	4.94	65.11	66	77.17	91.07	9.52	64.83	78.37	95.63
2022-06-04	123.67	15.2	82.09	105.44	130.45	83.75	5.14	65.14	66.25	78.16	89.56	8.88	65.58	78.33	94.92
2022-06-11	129.85	16.48	81.49	113.57	135.1	82.71	5.58	65.33	67.14	81.66	91.7	8.62	67.26	81.72	96.91
2022-06-18	125.17	14.97	82.87	110.39	132.32	91.58	4.6	65.12	66.23	77.38	90.08	8.9	66.26	79.08	95.66
2022-06-25	125.2	15.32	81.63	109.36	132.03	83.31	4.79	65.03	66.13	77.14	88.28	8.63	65	79.27	93.91
2022-07-02	128.41	15.69	83.72	106.62	134.89	93.87	6.82	62.38	64.86	79.1	91.49	9.51	66.16	80.13	96.89
2022-07-09	134.15	16.88	85.52	115.05	141.44	82.79	6.28	62.3	63.59	79.71	91.79	9.29	66.1	81.78	96.8
2022-07-16	131.5	15.26	88.49	114.85	137.31	87.7	7.5	62.19	63.51	85.26	96.38	10.42	66.61	81.76	100.43
2022-07-23	130.16	15.73	83.83	112.71	136.8	83.7	6.3	62.14	63.35	79.97	92.03	9.55	65.71	80.57	97.22
2022-07-30	131.12	15.74	86.21	109.78	136.37	87.11	6.07	62.22	63.32	78.31	90.68	9.14	66.13	79.33	95.83

2022-08-06	134.54	16.51	87.24	116.49	139.64	90.14	6.26	62.01	63.17	78.53	91.28	9.58	65.69	80.87	96.13
2022-08-13	132.39	15.9	90.4	116.76	138.48	88.04	5.61	62.19	63.23	77.53	90.98	9.68	66.05	79.71	96.51
2022-08-20	131.02	16.83	84.14	109.43	138.61	87.77	6.5	62.18	62.97	80.19	92.58	9.54	66.14	79.29	96.92
2022-08-27	128	13.77	88.85	108.87	134.29	82.83	5.46	62.37	63.35	77.23	91.45	9.2	66.09	79.12	95.98
2022-09-03	132.16	17.35	84.4	110.75	139.46	84.92	5.34	62.29	63.61	75.63	90.43	8.84	66.5	81.16	95.63
2022-09-10	133.16	15.43	89.51	114.1	138.47	81.08	5.29	62.37	63.38	76.39	90.88	8.91	66.44	78.71	95.36
2022-09-17	127.08	16.6	82.5	106.76	134.35	82.48	5.31	62.32	64.23	77.26	90.4	8.01	66.77	81.42	94.72
2022-09-24	127.73	14.69	88.72	109.04	135.36	84.82	4.81	62.33	62.95	73.29	91.77	9.46	65.78	76	95.72
2022-10-01	132.51	17.27	85.32	114.88	139.98	81.74	5.51	61.17	63.15	77.8	90.23	9.43	65.4	76.63	95.25
2022-10-08	131.34	16.79	86.83	118.66	138.22	80.37	6.15	62.1	62.83	79.64	93.92	9.95	65.97	76.07	97.37
2022-10-15	130.22	16.82	81.55	108.44	136.18	90.69	5.29	62.21	64.71	75.21	90.16	9.53	65.52	74.63	95.29
2022-10-22	127.21	14.97	85.87	110.08	133.57	77.97	4.54	64.64	68.05	76.66	91.36	8.2	68.5	82.03	95.41
2022-10-29	130.98	16.49	83.9	112.84	138.04	78.45	5	64.71	67.5	77.69	93.91	8.52	68.2	82.67	98.02
2022-11-05	132.23	16.28	86.74	112.42	138.46	75.25	4.01	64.95	68.14	74.81	92.66	7.91	69.52	83.53	95.78
2022-11-12	130.67	18.61	78.03	108.62	137.92	89.82	4.81	64.81	67.42	75.26	91.91	7.9	69.24	81.32	96.35
2022-11-19	135.66	19.48	77.09	108.8	142.9	80.38	5.42	64.5	65.37	80.12	94.69	8.97	67.4	75.8	95.85
2022-11-26	135.46	18.11	83.29	116.65	143.54	81.84	4.63	65.24	69.2	78.8	92.82	6.89	73.41	84.4	96.82
2022-12-03	130.53	17.05	81.85	114.93	137.13	79.22	4.67	64.79	67.57	77.25	93.64	8.93	68.25	82.08	98.2
2022-12-10	130.96	17.32	81.75	113.81	137.62	77.99	4.34	64.58	66.84	74.95	92.59	8.5	68	81.39	95.86
2022-12-17	127.16	15.11	85.72	110.1	132.79	79.53	5.07	64.58	69.48	78.25	94.66	9.34	67.68	87.1	99.57
2022-12-24	135.14	18.56	81.78	113.54	141.13	79.1	5.5	65.09	69.67	82.26	91.56	6.82	73.01	83.35	96.49
2023-01-01	126.04	16.87	78.31	108.71	131.59	76.6	4.11	64.61	66.95	73.54	92.06	8.93	65.59	81.23	93.65
2023-01-08	128.02	18.12	79.12	109.06	134.09	75.15	4.1	64.99	67.5	75.18	91.53	6.72	73.53	82.39	96.99
2023-01-15															
2023-01-22															
2023-01-29	128.19	17.85	78.92	113.03	134.38	79.66	5.06	64.61	66.47	76.82	93.14	9.08	68.26	81.37	97.91
2023-02-05	127.28	16.97	81.99	112.99	133.52	84.12	4.13	64.63	67.67	74.25	92.65	8.22	67.29	82.52	96.66
2023-02-12	128.86	17.56	81.09	114.59	134.59	75.3	4.24	64.47	66.51	75	91.4	8.38	66.68	80.11	96.19
2023-02-19	131.81	15.28	87.76	117.74	138.73	77.89	4.95	64.59	69.32	80.26	92.49	8.54	67.6	87.32	94.9
2023-02-26	127.11	17.2	78.2	116.08	131.58	77.65	3.92	64.63	68.43	73.58	92.15	7.96	68.19	83.73	95.09

2023-03-05	126.71	15.25	84.05	111.46	132.35	83.87	4.78	62.47	65.77	75.29	92.09	7.48	70.48	80.73	97.63
2023-03-12	127.58	16.65	79.93	112.61	133.5	82.85	5.07	62.31	64.06	74.78	93.02	8.89	66.69	80.33	97.47
2023-03-19	130.18	15.87	86.7	116.98	137.36	84.4	4.41	62.4	63.79	73.29	91.61	8.83	66.41	78.03	96.51
2023-03-26	128.49	16.51	83.99	111.76	134.79	82.9	4.31	62.39	64.7	72.67	92.72	8.1	67.85	82.12	96.64
2023-04-02	127.38	14.96	85.12	111.14	133.75	76.52	4.43	62.38	64.48	73.54	92.32	8.65	66.26	80.72	94.02
2023-04-09	129.71	17.07	84.97	119.41	136.41	75.99	4.8	62.37	64.69	75.43	93.28	9.32	66.27	82.69	97.42
2023-04-16	130.24	16.24	86.24	114.4	136.82	79.12	4.22	62.49	66.46	72.88	92.03	8.26	67.69	84.47	96.14
2023-04-23	130.7	16.99	83.87	116.06	137.21	82.03	4.99	62.31	63.36	75.37	92.44	9.73	65.94	77.69	97.91
2023-04-30	126.22	15.65	83.51	108.74	132.35	81.58	5.18	62.26	63.49	75.96	92.24	9.15	66.23	80	97.35
2023-05-07	134.69	18.39	81.96	120.75	142.16	80.97	4.86	62.39	63.31	74.9	92.67	9.39	65.94	77.11	96.58
2023-05-14	130.71	16.59	82.76	118.22	137.2	90.68	5.72	62.3	63.23	77.53	92.95	9.65	66.19	79.65	98.44
2023-05-21	134.58	16.25	89.24	120.06	141.38	87.17	5.6	62.43	63.46	77.77	92.03	9.39	66.33	80.59	97.48
2023-05-28	130.6	15.97	83.27	111.9	134.24	78.75	4.53	62.29	63.46	73.86	90.51	7.8	68.57	80.19	95.61
2023-06-04	137.25	17.15	85.92	121.57	144.22	82.06	4.99	62.69	65.71	76.67	90.72	7.13	70.76	83.49	95.58
2023-06-11	133.98	16.56	84.28	115.22	140.4	82.85	5.26	62.29	63.46	75.15	91.38	8.52	66.78	78.92	95.25
2023-06-18	136.13	16.46	87.82	119.51	143.65	81.63	4.41	62.57	64.24	73.91	89.93	7.72	68.33	80.77	95.23
2023-06-25	131.51	14.6	87.37	112.66	134.29	89.12	5.83	62.36	63.45	78.16	90.68	8.65	67.9	79.46	96.09
2023-07-02	134.19	16.68	86.94	114.02	140.91	91.3	6.47	60.35	63.62	77.78	91.92	8.43	67.65	83.34	96.57
2023-07-09	124.06	14.02	83.93	104.95	130.38	85.77	5.69	59.78	61.03	74.09	90.71	8.4	68.06	80.13	95.45
2023-07-16	127.37	15.6	82.82	109.08	134.71	83.24	5.72	60.08	61.61	76.08	91.88	9.03	67.28	81.42	97.19
2023-07-23	124.8	13.87	84.57	104.68	129.48	79.88	5.69	59.71	60.98	75.7	91.06	9.09	67.21	80.23	96.71
2023-07-30	133.86	16.81	83.66	114.44	140.53	82.07	6.26	60.14	61.91	77.73	92.45	10.01	66.88	82.71	97.68
2023-08-06	125.36	14.03	86.07	107.28	130.97	80.63	5.45	59.83	61.11	74.82	91.37	9.48	66.82	80.56	96.31
2023-08-13	128.85	14.77	86.29	109.03	136.47	87.73	5.76	60.21	61.96	75.48	91.36	8.63	67.29	82.08	96.06
2023-08-20	120.5	13.28	84.51	101.04	126.53	77.26	5.27	59.63	61.04	74.21	90.73	8.73	66.81	80.61	95.55
2023-08-27	129.34	15.18	86.25	112.79	136.82	83.14	5.63	59.96	62.05	75.08	91.31	8.98	66.87	81.28	96.39
2023-09-03	123.35	13.9	84.65	107.34	130.47	79.19	5.55	59.8	60.89	75.19	92.36	9.75	66.31	78.34	96.74
2023-09-10	126.23	14.81	85.03	106.3	133.3	78.58	5.17	59.78	60.71	73.38	91.25	9.73	65.94	77.61	96.12
2023-09-17	121.41	13.91	82.9	104.05	127.5	80.26	4.99	59.78	61.14	73.18	91.22	8.45	67.6	79.98	95.3
2023-09-24	126.7	14	87.91	112.69	134.07	77.9	4.49	60.11	63.26	71.97	90.98	6.97	71.25	82.87	95.51

2023-10-01	124.38	15.01	83.38	110.33	130.9	73.36	4.61	59.93	61.42	71.85	91.57	8.51	67.01	80.03	95.68
2023-10-08	122.66	14.87	81.13	104.1	128.24	76.69	4.83	59.74	60.96	71.8	91	9.23	65.97	77.56	95.14
2023-10-15	128.88	17.16	80.1	111.58	135.4	88.65	5.98	60.09	63.55	75.15	89.93	7.67	66.88	78.02	92.47
2023-10-22	127.06	15.85	82.22	108.84	133.79	74.42	4.02	62.74	64.46	71.14	90.75	8.36	66.81	78.72	94.19
2023-10-29	134.83	17.81	84.04	116.1	141.65	83.27	4.92	62.8	64.63	75.79	91.39	8.26	67.67	79.07	95.29
2023-11-05	127.15	16.35	80.82	103.41	132.94	73.91	3.84	62.65	65.03	71.2	90.91	7.96	67.35	79.94	93.67
2023-11-12	133.32	15.91	87.07	117.83	141.01	87.59	5.12	62.61	64.3	74.82	93.5	9.29	67.07	78.9	98.06
2023-11-19	129.91	15.12	86.66	115.55	136.94	76.22	4.47	62.78	65.65	74.85	91.68	7.64	69.53	81.81	96.81
2023-11-26	137.15	18.5	84.03	116.94	144.73	77.83	5.01	62.67	64.8	76.35	91.01	8.61	66.41	79.34	94.18
2023-12-03	127.73	16.34	80.6	106.53	133.3	76.3	4.97	62.43	64.62	76.3	91.76	9.13	65.82	79.44	96
2023-12-10	137.88	17.61	83.95	117.91	144.82	82.99	5.31	62.75	65.11	78.29	91.08	8.06	69.24	80.33	96.14
2023-12-17	132.72	16.64	82.68	114.55	139.05	74.49	4.42	62.59	63.99	73.96	92.1	9.35	65.54	76.25	96.41
2023-12-24	137.09	17.52	86.81	119.07	144.38	75.68	4.58	62.78	66.77	75.54	92.82	7.8	68.88	82.88	96.47
2024-01-01	126.04	16.58	79.56	108.4	131.55	81.15	4.09	62.46	64.99	71.14	91.72	8.35	65.29	80.24	95.09
2024-01-08	140.28	16.85	92.89	122.58	147.89	81.93	5.23	62.88	67.7	79.28	92.14	7.73	71.38	85.51	96.56
2024-01-15	131.09	16.31	83.07	117.14	136.74	72.76	4.15	62.47	65.37	73.53	90.31	7.81	68.44	81.02	94.67
2024-01-22	134.99	18.37	82.54	119.03	141.96	79.85	5	62.69	66.13	76.16	91.3	7.32	69.63	80.9	95.28
2024-01-29	127.48	16.31	82.34	109.81	133.53	79.9	4.65	62.36	63.62	73.49	91.6	9.67	65.26	77.74	97.03
2024-02-05	137.04	17.34	84.81	119.87	144.3	78.57	5.55	62.45	64.26	77.92	92.39	9.19	66.45	79.2	96.96
2024-02-12	130.99	15.92	85.46	116.28	137.35	74.9	4.17	62.53	66.95	73.37	91.01	7.91	68.5	84.3	95.64
2024-02-19	129.85	15.94	83.84	117.88	135.94	76.29	4.97	62.35	63.76	74.86	92.06	9.14	66.84	78.98	97.07
2024-02-26	126.17	13.6	88.74	111.62	132.27	77.98	4.33	63.13	67.5	75.51	92.81	6.53	73.45	85.68	97.16
2024-03-04	132.83	16.61	84.95	114.91	140.33	81.85	4.71	62.57	64.74	74.31	91.98	9.12	66.85	80.48	96.43
2024-03-11	130.7	16.62	83.93	116.09	137.76	90.58	4.74	62.69	64.4	72.85	92.1	8.57	66.76	80.2	95.01
2024-03-18	129.97	16.63	83.47	112.8	136.77	74.49	4.63	62.58	63.36	74.65	90.91	9.39	66.15	76.26	96.31
2024-03-25	130.15	16.94	82.8	113.75	136.92	75.43	4.39	62.63	64.53	72.7	92.18	8.73	67	81.31	96.57
2024-04-01	132.8	17.19	83.48	121.07	140.01	84.03	5	62.63	64.32	75.74	93.87	8.99	66.51	80.77	97.27
2024-04-08	135.97	16.96	87.6	124.55	142.9	83.57	5.21	62.8	65.21	75.98	92.5	8.73	66.7	81.12	96.7
2024-04-15	131.51	17.95	81.31	111.95	139.24	76.68	4.4	62.68	63.78	73.07	91.48	8.72	66.63	77.83	95.62
2024-04-22	134.2	18.47	81.66	115.54	141.87	77.08	4.64	62.55	64.28	73.52	91.86	8.65	66.31	79.5	96.13

2024-04-29	136.91	18.02	85.84	118.27	144.97	76.71	4.75	62.67	63.75	75.42	91.93	9.15	66.5	78.84	97.44
2024-05-06	137.41	17.52	86.46	121.57	143.78	81.82	5.63	62.77	64.11	79.32	93.77	9.13	66.86	80.19	97.67
2024-05-13	132.66	17.01	84.5	112.66	139.18	76.38	4.51	62.77	64.17	74.39	91.28	8.49	67.61	80.68	96.21
2024-05-20	135.67	17.07	86.29	117.41	142.37	84.18	5.16	62.7	65.03	75.69	92.07	8.04	68.92	82.41	97.33
2024-05-27	135.04	16.62	89.14	118.77	142.72	82.93	4.59	62.67	63.9	73.82	91.73	8.79	67.24	80.54	95.99
2024-06-03	136.21	17.4	86.04	120.73	142.57	84.49	5.13	62.81	65.23	76.98	90.95	7.74	68.63	82.48	95.45
2024-06-10	132.53	16.12	87.68	111.91	139.49	88.12	5.03	62.87	64.34	76.01	91.94	7.94	68.62	80.62	96.04
2024-06-17	137.04	17.25	86.57	117.48	144.54	83.48	5.23	62.54	63.62	76.24	90.75	8.75	66.32	79.06	95.5
2024-06-24	136.79	17.3	88.11	118.3	144.35	86.71	5.17	62.79	63.86	76.58	91.85	9.2	67	80.17	97.22
2024-07-01	136.7	17.35	86.74	117.81	144.31	89.3	5.97	62.69	64.06	79.19	91.92	9.34	66.85	81.04	97.12
2024-07-08	133.05	16.56	86.43	108.65	140.31	88.09	5.81	62.74	63.72	78.47	91.76	9.67	66.35	78.9	97.05
2024-07-15	133.93	17.67	84.65	110.78	140.51	77.56	5	62.56	63.57	76.17	90.78	8.67	66.38	79.14	95.96
2024-07-22	137.74	17.09	90.83	118.3	144.27	86.25	6.04	62.98	64.47	79.83	92.31	9.22	67.2	81.44	97.63
2024-07-29	134.1	17.79	85.12	114.94	142.24	88.97	6.05	62.82	64.07	78.53	90.83	8.88	66.78	80.26	96.35
2024-08-05	134.12	17.24	87.58	109.77	141.63	88.19	6.13	62.96	64.17	80.01	91.12	9.07	66.57	80.95	96.97
2024-08-12	135.25	17.01	86.53	108.39	141.84	90.55	6.33	62.65	63.49	79.47	91.24	9.69	66.14	79.32	96.66
2024-08-19	137.58	17.36	90.4	116.59	143.85	82.45	5.43	63.03	64.39	77.36	91.16	9.08	66.48	80.58	96.32
2024-08-26	135.48	17.59	85.86	110.14	143.87	84.8	5.85	62.8	64.07	78.65	92.14	9.53	66.28	80.55	96.94
2024-09-02	131.59	16.12	84.28	103.99	137.21	83.07	5.6	62.73	63.82	78.13	91.58	9.44	66.03	79	96.23
2024-09-09	130.97	17.32	82.42	104.96	137.75	88.37	5.28	62.58	63.56	76.58	90.35	8.98	65.94	78.22	95.24
2024-09-16	134.51	18.45	82.89	118.68	141.84	87.47	5.15	62.92	63.91	76.15	91.66	8.99	66.46	78.75	96.27
2024-09-23	133.4	18.87	81.37	109.32	141.16	87.38	5.33	62.85	64.77	77.08	92.11	8.3	67.73	80.51	96.55
2024-09-30	128.53	16.31	82.92	104.05	134.41	83.74	5.2	62.65	63.55	76.54	90.85	8.7	66.04	77.48	94.74
2024-10-07	132.36	17.41	83.14	106.03	139.65	86.94	4.76	62.7	63.76	75.11	89.88	8.93	65.78	77.02	94.89
2024-10-14	134.83	16.11	90.25	116.49	142.18	85.14	5.24	62.94	65.94	77.08	91.48	8.78	67.43	82.17	96.32
2024-10-21	132.37	16.9	84.55	113.8	138.62	78.32	4.97	62.88	64.62	76.11	91.5	8.66	67.42	79.55	96.23
2024-10-28	127.56	15.61	84.28	108.48	134.02	78.37	4.36	62.83	65.52	73.56	92.72	8.52	67.15	81.57	96.22
2024-11-04	130.32	17.98	80.47	108.27	137.96	78.6	4.71	62.74	63.72	74.67	92.71	10.25	65.64	75.51	97.95
2024-11-11	134.87	18.24	83.65	112.96	142.32	74.45	4.23	62.99	67.04	74.26	90.7	7.61	68.64	83.34	93.7
2024-11-18	135.24	17.41	86.67	116.82	142.06	76.38	4.47	63.77	67.7	76.69	92.59	6.46	74.88	84.96	96.57

2024-11-25	129.07	16.94	82.75	110.91	136.06	82.91	4.46	62.8	65.15	73.39	91.71	8.61	67.77	81.28	96.51
2024-12-02	134.35	17.96	83.82	117.98	141.98	79.97	4.95	62.91	64.46	76.54	92.81	9.2	66.77	78	96.69
2024-12-09	133.72	17.02	85.97	116.64	140.87	83.79	5.13	62.79	64.51	75.89	91.87	9.07	67.35	80.21	95.31
2024-12-16	135.53	18.55	83.2	117.27	142.52	77.6	5.26	62.92	66.61	78.3	92.28	7.87	69.51	83.24	97.02
2024-12-23	127.95	16.27	83.1	105.13	134.62	72.81	3.54	63.1	66.67	71.03	90.58	6.92	71.48	83.79	93.17

Table 15c: Boundary Pass weekly sound pressure levels (SPL) in decibels (dB). Mean (Avg) and standard deviation (Std), Q₅, Q₅₀ and Q₉₅ levels for rain and commercial vessels are given.

Date	Avg 19500- 20500 Hz	Std 19500- 20500 Hz	Q5 19500- 20500 Hz	Q50 19500- 20500 Hz	Q95 19500- 20500 Hz	Avg 57- 71 Hz	Std 57- 71 Hz	Q5 57- 71 Hz	Q50 57-71 Hz	Q95 57-71 Hz	Avg 113-141 Hz	Std 113-141 Hz	Q5 113- 141 Hz	Q50 113-141 Hz	Q95 113-141 Hz
2019-01-01	86.93	7.54	64.71	74.82	86.52	140.41	19.39	76.76	111.06	136.59	122.82	14.93	72.25	92.69	119.8
2019-01-08	85.58	7.36	64.67	73.03	86.71	132.88	17.27	78.26	107.1	131.71	114.51	13.94	69.11	92.84	116.03
2019-01-15	85.18	6.45	66.31	74.95	86.98	139.2	19.18	73.87	106.75	136.9	120.53	14.97	71.14	93.68	120.28
2019-01-22	85.26	8.06	64.26	71.24	88.02	143.67	19.25	79.77	114.96	149.68	125.54	16.55	71.08	95.95	128.21
2019-01-29	85.96	7.36	64.31	73.01	86.49	135.6	18.35	76.4	111.35	135.73	117.42	13.87	71.72	93.92	117.08
2019-02-05	85.37	6.87	64.39	77.11	83.69	132.84	18.47	77.66	105.1	136.47	113.68	13.13	71.98	93.45	116.06
2019-02-12	83.91	6.65	64.41	76.14	85.76	137.05	18.87	73.46	103.6	133.85	120.28	13.73	72.72	90.65	115.88
2019-02-19	87.15	7.62	64.53	75.18	88.73	142.61	17.37	87.18	117.93	145.95	125.39	14.82	75.72	98.08	125.68
2019-02-26															
2019-03-05	85.43	7.61	64.33	68.92	87.79	122.21	14.55	79.39	109.88	127.5	112.25	14.13	72.14	93.38	117.31
2019-03-12	85.69	8.12	64.1	69.49	89.49	122.19	17.47	72.69	105.99	128.57	112.01	14.73	68.91	92.62	116.75
2019-03-19	86.45	7.48	64.36	68.95	87.24	132.54	15.65	82.95	115.27	132.06	113.41	13.41	74.15	96.72	118.17
2019-03-26	84.96	7.51	64.15	68.19	86.3	122.26	17.53	72.9	106.23	129.14	111.84	14.45	70.48	92.72	116.72
2019-04-02	87.15	7.59	64.33	72.63	87.89	120.33	15.66	73.41	104.31	127.03	111.4	14.21	70.87	91.04	116.51
2019-04-09	86.6	7.55	64.6	74.44	88.49	122.37	16.32	75.56	108.79	128.03	113.18	13.82	74.19	93.77	118.08
2019-04-16	85.93	8.14	64.77	72.41	90.36	129.6	15.67	80.14	111.72	130.27	111.59	13.38	72.62	95.54	116.63
2019-04-23	85.67	7.3	64.41	71.85	86.86	132.59	18.66	75.07	107.39	131.3	112.77	14.28	72.19	94.17	117.55
2019-04-30	85.95	7.15	64.27	70.79	86.27	121.2	16.64	72.12	102.24	128.82	111.05	14	71.12	91.76	115.94
2019-05-07	87.2	7.88	64.39	71.87	89.09	127.22	16.52	79.37	109.54	131.39	113.62	13.25	76.59	97.36	118.13

2019-05-14	85.77	7.9	64.49	71.36	88.82	127.04	16.06	78.68	109.59	130.91	111.86	13.89	72.19	96.31	117.01
2019-05-21	87.19	8.79	64.61	71.13	91.64	126.98	16.94	77.47	109.28	130.6	111.58	13.11	72.75	96.16	116.73
2019-05-28	85.85	7.86	64.41	71.7	89.12	120.3	14.87	76.57	101.96	126.18	111.27	12.85	75.03	94.3	116.69
2019-06-04	87.44	7.54	65.69	71.97	89.68	119.32	14.61	75.6	104.44	124.29	111.87	13.17	71.56	95.26	116.64
2019-06-11	87.42	7.74	65.13	71.18	89.7	118.17	15.17	74.34	98.59	123.08	111.63	13.45	71.58	92.55	115.91
2019-06-18	87.74	7.64	66.13	73.11	90.61	118.51	15.55	72.35	99.01	123.27	111.72	13.74	72.16	94.58	116.6
2019-06-25	86.96	8.74	64.65	70.18	90.9	118.22	15.2	72.9	95.6	123	111.11	13.57	71.44	93.36	116.15
2019-07-02	87.53	7.98	67.66	76.54	93.11	119.91	14.81	75.85	107.46	123.33	110.46	12.1	75.48	98.55	115.89
2019-07-09															
2019-07-16															
2019-07-23															
2019-07-30															
2019-08-06															
2019-08-13	86.63	7.25	65.16	69.88	87.02	118.66	15.09	76.89	100.97	121.32	108.55	11.29	77.29	92.48	112.9
2019-08-20	84.26	8.29	64.42	68.38	89.15	115.64	14.46	74.1	91.08	118.75	108.69	11.3	78.76	92.15	113.27
2019-08-27	84.77	7.83	64.96	71.5	88.95	117.41	13.99	76.55	101.98	123.15	110.15	11.2	80.51	96.55	114.94
2019-09-03	85.03	7.27	66.63	70.8	88.43	117.29	14.25	75.47	96.62	120.89	110.07	11.76	78.56	92.7	114.86
2019-09-10	87.14	8.67	66.58	72.43	91.93	117	14.89	74.6	97.65	120.92	110.47	12.82	76.25	95.31	115.5
2019-09-17	87.78	9	66.37	71.01	91.63	116.1	15.38	71.93	92.19	120.44	110.53	13.54	73.15	89.81	115.23
2019-09-24	84.78	6.73	66.94	74.1	88.89	118.08	14.08	75.55	99.78	120.65	109.35	12.77	74.34	94.33	113.95
2019-10-01	85.64	7.53	66.36	69.88	88.74	116.51	15.98	68.25	96.98	119.56	108.73	14.48	67.48	91.49	113.46
2019-10-08	85.93	7.19	66.43	70.73	87.12	115.79	15.9	69.22	93.16	120.02	109.91	14.65	68.57	89.43	114.36
2019-10-15	86.9	7.49	66.53	76.06	89.81	117.28	16.09	70.77	92.52	120.83	109.22	14.25	69.56	89.42	113.83
2019-10-22	87.51	8.19	66.5	72.14	90.62	118.52	16.24	70.95	96.24	122.27	111.58	15.07	69.08	91.91	116.23
2019-10-29	87.87	7.19	66.67	71.26	88.33	118.92	16.35	70.77	101.04	123.23	111.61	14.98	69.62	95.81	116.42
2019-11-05															
2019-11-12															
2019-11-19	84.96	6.41	65.43	74.99	85.36	116.26	12.99	75.16	103.76	122.47	108.68	11.96	77.11	92.37	114.39
2019-11-26	86.74	7.15	65.68	76.82	89.41	121.34	16.93	72.83	105.31	127.29	112.42	14.31	71.23	97.14	118.53
2019-12-03	84.75	7.33	64.62	71.74	86.49	117.15	17.13	68.05	93.39	121.61	111.3	15.21	68.76	87.61	115.6

2019-12-10	85.29	7.71	65.05	72.99	88.3	122.42	16.74	71.38	103.76	126.99	112.09	14.58	71.86	94.55	117.76
2019-12-17	86.28	7.75	64.99	76.46	89.69	119.72	14.87	74.19	103.95	123.91	111.89	13.46	72.81	94.71	116.36
2019-12-24	85.98	7.43	64.79	74.58	87.66	119.39	16.96	69.36	105.77	124.49	112.58	15.1	68.7	96.36	117.43
2020-01-01	84.79	6.05	66.55	78.78	88.68	117.99	14.29	75.34	92.79	120.84	109.21	11.58	76.72	87.71	114.03
2020-01-08	86.57	6.96	65.51	79.54	88.88	120.05	15.11	77.25	104.69	126.11	111.73	12.94	76.1	95.73	117.35
2020-01-15	84.29	6.08	65.5	77.19	84.13	118.81	13.8	75.92	96.98	121.36	110.47	11.7	76.22	92.09	114.02
2020-01-22	86.83	6.41	66.26	77.36	87.17	118.93	15.31	73.73	102.51	122.69	111.69	13.34	74.55	95.67	116.26
2020-01-29	85.76	7.74	64.54	75.16	89.12	119.3	16.39	70.61	93.56	122.52	111.67	14.27	71.78	87.89	116.14
2020-02-05	86.77	7.84	65.54	78.87	89.98	119.6	15.79	72.97	101.27	123.49	112.04	12.86	76.08	94.8	116.4
2020-02-12															
2020-02-19															
2020-02-26															
2020-03-04															
2020-03-11															
2020-03-18															
2020-03-25															
2020-04-01															
2020-04-08															
2020-04-15															
2020-04-22															
2020-04-29															
2020-05-06															
2020-05-13	87.17	7.92	66.45	69.11	89.48	118.51	16.34	73.53	95.58	124.7	110.01	15.06	67.46	89.55	115.23
2020-05-20	87.13	8.06	66.7	71.23	91.87	118.92	16.18	73.05	100.66	123.8	111.24	15.03	69.12	90.78	116.24
2020-05-27	86.22	7.56	66.64	69.91	89.77	120.06	15.54	77.04	98.7	125.43	111.41	14	71.81	91.78	115.76
2020-06-03	86.16	7.54	66.55	72.59	88.75	120.1	16.73	74.34	102.77	126.91	111.12	14.44	68.87	91.07	114.82
2020-06-10	88.49	8.04	66.64	71.69	90.04	118.23	14.84	76.36	95.17	123.38	111.44	14.03	69.82	88.32	113.79
2020-06-17	86.52	7.7	66.62	70.38	90.16	119.33	15.56	76.72	100.61	125.77	109.81	14.04	70.45	93.24	115.4
2020-06-24	85.9	7	67.24	71.68	89.15	121.5	16.26	73.73	98.47	125.06	111.25	13.85	70.4	90.89	116.21
2020-07-01	84.25	7.32	67.31	74.64	90.13	116.81	16.33	71.59	100.1	123.4	109.65	13.88	69.64	91.99	113.97

2020-07-08	85.62	7.41	66.99	70.24	89.47	117.03	16.23	70.77	94.44	122.54	109.6	13.21	69.83	91.43	114.86
2020-07-15	84	6.66	66.81	70.05	86.91	116.78	16.02	70.14	96.26	120.94	107.84	13.37	71.5	90.12	113.99
2020-07-22	87.54	7.12	67.37	71.62	88.75	118.35	14.27	79	100.22	124.66	111.24	13.06	75.81	94.13	116.68
2020-07-29	85.91	6.73	66.94	71.23	86.89	117.94	14.38	76.48	99.93	121.94	109.22	12.27	76.56	91.96	113.23
2020-08-05	84.28	7.17	67.15	71.04	89.51	116.29	15.3	74.83	94.76	122.48	109.44	11.91	76.04	92.79	114.13
2020-08-12	84.13	7.06	66.53	70	88.55	117.32	15.31	75.09	95.67	121.85	107.38	11.28	76.99	91.02	112.74
2020-08-19	85.85	7.88	66.86	71.76	90.52	117.25	14.04	78.16	99.57	123.48	109.6	11.7	78.49	94.48	114.44
2020-08-26	84.03	7.17	66.74	69.36	88.65	116.8	14.61	76.37	98.46	122.42	109.82	12.35	76.72	94.21	114.81
2020-09-02	83.72	6.85	66.77	71.08	86.93	116.74	15.41	72.89	94.39	122.52	108.24	12.15	75.68	91.3	114.24
2020-09-09	83.83	7.15	65.72	68.56	87.97	114.97	15.78	71.28	93.32	120.1	108.28	13.21	72.46	89.76	113.65
2020-09-16	85.56	7.08	65.72	67.87	87.15	117.86	14.06	76.32	101.35	122.82	110.09	12.82	74.3	94.39	116
2020-09-23	84.89	7.47	65.81	73.75	88.66	118.8	14.7	77.87	101.77	125.99	112.02	13.39	74.54	94.74	117.49
2020-09-30	85.4	7.37	65.6	67.19	87.79	117.64	15.31	73.3	98.19	123.83	110.58	14.12	69.5	92.94	116.29
2020-10-07	84.67	7.74	65.76	74.29	89.56	118.98	15.11	75.28	99.68	124.52	111.16	13.62	73.85	93.97	117.22
2020-10-14	85.07	7.92	65.86	69.82	89.82	124.22	17.66	75.27	102.81	131.56	113.11	14.83	71.49	96.33	119.41
2020-10-21	85.09	6.91	65.62	76.05	85.93	122.93	17.12	73.36	98.4	130.62	111.94	13.94	73.73	93.5	118.22
2020-10-28	87.77	7.32	66.76	73.85	89.44	117.36	15.08	75.21	97.12	122.25	110.95	13.18	72.3	93.01	115.72
2020-11-04	86.42	6.37	67.5	78.78	88.85	118.73	16.17	73.67	97.24	123.27	111.21	13.1	72.54	90.99	115.68
2020-11-11	87.63	7.2	67.26	78.38	90.36	119.21	15.74	73.86	99.23	123.82	111.34	13.82	71.62	90.62	116.95
2020-11-18	86.97	6.77	67.54	77.07	89.43	118.91	14.97	77.14	100.94	124.16	111.88	14.06	71.64	93.57	116.95
2020-11-25	86.76	7.26	66.88	75.9	88	118.55	15.29	74.41	98.69	123.87	111.16	14.08	71.98	90.51	116.44
2020-12-02	87.27	7.22	66.71	73.28	88.68	118.67	15.52	74.25	100.22	123.54	111.14	14.14	71.98	91.87	116.2
2020-12-09	88.55	8.25	66.75	75.03	91.68	118.69	15.66	74.19	101.6	123.65	111.52	14.58	71.19	93.06	117.12
2020-12-16	86.58	6.72	66.98	80.6	90.49	118.52	13.84	81.31	98.98	123.2	110.22	12.17	76.62	91.04	115.95
2020-12-23	86.85	6.27	67.53	75.24	86.56	118.15	15.54	72.62	93.07	122.14	108.82	14.14	70.38	85.45	113.95
2021-01-01	85.66	7.01	66.68	79.15	88.31	118.04	14.17	75.18	96.13	122	109.49	12.91	71.23	90.27	113.97
2021-01-08	87.17	7.41	67.13	78.02	91.36	119.42	14.45	77.77	99.58	124.52	111.14	14.11	72.17	89.97	116.51
2021-01-15	90.03	7.21	71.63	78.2	96.21	116.76	13.18	82.08	105.18	122.46	111.89	11.96	79.85	100.37	118.95
2021-01-22															
2021-01-29	87.29	7.2	67.19	75.11	91.24	119.78	15.52	73.94	97.06	124.72	111.63	14.06	73.88	92.85	117.28

2021-02-05	86.37	6.88	65.44	77.05	88.61	119.41	15.76	72.29	96.83	123.4	112.34	13.55	74.64	92.28	117.55
2021-02-12	85.94	7.5	64.6	78.19	87.53	118.15	16.37	69.89	92.08	122.4	111.68	14.22	69.27	91.87	116.33
2021-02-19	85.12	6.34	65.55	76.32	86.35	119.76	17.55	69.34	91.6	124.4	111.86	14.28	71.57	88.14	116.7
2021-02-26	86.17	7.8	64.56	73.94	88	120.26	16.82	71.46	96.97	125.29	111.74	15.21	67.74	90.84	117.55
2021-03-05	85.02	7.03	64.92	74.94	87.79	119.58	16.08	72.22	92.42	124.1	111.7	14.39	71.07	88.88	116.75
2021-03-12	85.63	7.9	64.47	66.93	86.96	120.61	17.39	68.01	93.59	125.21	111.9	15.43	67.9	88.45	117.16
2021-03-19	85.31	7.29	64.77	76.69	87.11	119.08	16.51	70.52	90.69	122.93	110.26	13.74	70.04	88.03	115.43
2021-03-26	86.94	7.85	64.81	71.42	88.17	120.12	16.27	70.53	95.82	124.53	111.56	14.33	70.85	89.12	116.69
2021-04-02	85.44	7.32	64.62	70.5	86.44	119.95	17.47	68.88	93.06	124.09	111.03	14.71	69.42	88.79	115.93
2021-04-09	85.47	6.5	65.78	74.53	86.64	117.93	17.14	68.99	88.97	122.18	110.78	14.19	71.44	88.2	115.75
2021-04-16	86.61	7.51	64.2	66.42	86.23	119.11	18.23	67.07	92.38	123.31	111.43	15.57	67.39	89.58	116.61
2021-04-23	85.78	8.44	64.46	70.2	87.6	117.95	16.72	68.13	90.22	121.94	111.04	15.49	66.95	85.7	115.3
2021-04-30	86.23	8.25	64.73	68.97	90.02	119.84	17.56	68.07	98.31	124.38	111.93	15.18	69.1	92.46	116.93
2021-05-07	84.62	7.71	64.33	68.64	87.38	119.14	18	66.22	90.04	123.52	112.02	15.95	65.49	89.26	116.79
2021-05-14	85.64	7.42	64.77	71.75	87.19	118.32	16.38	71.5	93.98	122.54	110.94	13.98	69.6	90.84	115.6
2021-05-21	85.23	7.34	64.71	70.57	87.03	119.81	16.22	70.17	93.21	123.47	110.05	13.93	70.34	89.76	114.94
2021-05-28	86.6	8.4	65.02	69.27	89.86	121.07	16.45	71.11	96.89	124.56	111.55	13.91	70.41	93.12	116.72
2021-06-04	85.41	8.02	64.27	70.79	88.86	119.16	16.15	72.46	94.74	123.46	110.2	13.65	70.04	91.19	115.55
2021-06-11	86.96	8.52	64.45	68.11	89.51	118.84	16.12	74.65	99.38	123.95	111.25	15.14	67.01	89.36	116.13
2021-06-18	85.88	7.58	64.47	70.14	87.64	119.23	14.82	77.6	100.06	125.03	110.68	13	73.12	92.94	115.68
2021-06-25	84.7	7.38	65.03	71.48	87.2	120.41	15.61	77.6	104.63	126.97	111.91	14.21	70.28	93.07	116.93
2021-07-02	80.82	6.54	64.26	68.88	83.99	113.41	12.98	77.42	95.08	118.73	107.46	12.02	71.8	91.46	112.45
2021-07-09	81.04	5.8	65.49	70.07	83.17	119.07	15.6	75.47	101.38	125.13	107.83	13.32	70.11	91.79	113.74
2021-07-16	83.23	6.38	64.67	69.22	83.47	116.02	13.86	76.79	98.34	121.87	108.21	12.56	72.67	91.08	113.55
2021-07-23	83.67	7.27	65.24	69.33	87.38	117.8	14.16	79.53	103.41	123.98	108.21	12.01	74.1	93.66	113.52
2021-07-30	81.64	6.6	64.29	67.88	84.87	114.53	14.07	74.6	94.09	118.98	108.05	11.63	76.01	91.17	112.76
2021-08-06	83.77	7.28	65.01	70.64	87.43	119.11	14.94	76.53	100.62	124.94	109.53	11.55	78.5	93.76	114.39
2021-08-13	81.15	6.39	64.79	68.46	84.4	114.07	13.05	77.19	97.06	119.88	107.14	10.87	78.31	90.04	112.43
2021-08-20	83.61	7.21	64.96	70.22	86.76	117.77	13.33	80.2	101.15	123.75	108.5	11.45	78.14	93.37	113.53
2021-08-27	82.03	6.91	64.15	67.07	84.73	115.18	13.9	75.17	93.26	118.24	107.59	11.06	78.47	89.83	112.02

2021-09-03	83.89	7.53	64.27	67.47	86.75	117.24	14.46	76.7	97.08	123.35	108.03	11.76	77.3	91.39	113.08
2021-09-10	84.1	7.82	64.58	68.93	88.89	117.25	14.49	76.26	98.72	122.27	109.14	12.73	74.72	92.05	114.6
2021-09-17	85.43	8.11	64.7	72.05	88.36	116.91	15.26	73.76	97.97	123.04	109.73	13.34	72.67	93.33	115.01
2021-09-24	83.58	7.66	64.59	73.46	87.87	116.76	15.07	73.02	91.44	121.26	109.08	13.61	70.57	88.27	114.58
2021-10-01	84.72	7.7	64.34	68.38	87.59	116.64	15.19	72.75	96.78	121.93	109.73	15.1	67.08	90.93	114.75
2021-10-08	85.34	7.36	65.18	73.47	87.95	117.41	14.68	75.11	99.53	122.76	108.74	12.9	71.67	91.73	113.16
2021-10-15	87.36	7.68	67.56	75.41	90.15	119.42	15.43	75.47	98.4	123.54	111.08	14.27	70.96	91.39	115.96
2021-10-22	87.15	5.95	68.8	79.92	88.89	117.21	14.67	75.17	98.82	122.36	108.78	12.03	75.45	91.85	113.85
2021-10-29	86.82	6.63	68.15	77.9	89.74	116.84	15.37	71.6	97.11	120.81	110.96	13.97	72.09	89.87	115.38
2021-11-05	87.95	5.05	73.17	80.38	89.19	120.5	15.78	76.46	106.51	126.04	110.61	12.65	77.03	96.25	115.91
2021-11-12	89.57	8.58	67.86	77.47	94.92	118.05	16.07	71.95	97.61	122.61	110.91	13.93	72.15	91.34	115.84
2021-11-19	84.98	6.85	67.44	75.79	87.18	118.12	16.02	72.79	100.48	122.07	110.28	13.58	70.74	91.2	115.22
2021-11-26	87.56	7.18	67.52	78.86	90.55	117.43	15.67	69.29	92.75	119.95	108.4	13.26	70.1	86.36	112.75
2021-12-03	88.3	7.2	68.41	78.27	92.39	123.13	17.12	73.13	103.05	128.67	110.64	14.28	72.12	92.77	116.95
2021-12-10	87.28	6.37	67.77	79.95	88.62	119.45	15.59	72.06	95.2	122.97	110.01	13.31	69.85	88.43	114.69
2021-12-17	88.04	6.26	70.03	78.27	88.83	119.38	16.04	72.9	101.93	124.44	111.21	13.65	73.2	93.51	116.09
2021-12-24	85.35	5.87	68.24	80.26	84.35	114.26	13.65	71.89	88.92	118.15	108.17	11.58	72.35	87.98	112.33
2022-01-01	85.78	5.69	70.85	81.5	91.13	120.27	16.41	74.97	101.19	127.08	109.92	12.35	74.85	92.39	115.18
2022-01-08	87.96	7.69	67.09	76.1	92.28	119.75	16.93	68.2	95.4	123.51	111.28	14.98	67.96	88.29	115.94
2022-01-15	87.42	8.1	66.76	71.27	91.1	119.79	17.39	67.73	101.05	123.59	111.05	14.54	68.42	92.41	115.55
2022-01-22	87.8	6.78	66.85	70.22	87.08	117.98	17.59	67.41	92.71	122.42	110.52	15.97	65.9	86.81	115.15
2022-01-29	88.02	7.69	66.99	76.44	91.17	120.61	16.93	71.7	102.77	126.71	111.81	14.53	71.11	91.89	117.17
2022-02-05	86.53	7.56	66.65	69.93	88.52	118.47	17.11	68.36	94.5	123.17	111.13	15.33	66.36	88.13	115.93
2022-02-12	85.87	7.11	66.85	75.18	88.91	119.19	16.87	71.74	97.44	124.07	111.43	14.47	71.5	91.5	116.21
2022-02-19	88.58	7.93	66.83	76.14	89.71	119.25	16.27	70.61	97.32	123.58	111.98	13.92	70.25	92.73	116.84
2022-02-26	87.51	8.15	67.07	74.97	91.43	119.79	17.12	71.13	100.76	124.5	109.87	14.3	69.47	91.5	114.52
2022-03-05	87.35	7.44	66.81	74.24	87.63	120	16.4	71.06	95.77	124.13	110.88	14.46	69.82	89.59	115.79
2022-03-12	87.18	7.56	66.47	73.59	88.69	118.19	16.31	69.87	94.12	122.14	109.57	14.38	70.46	87.93	114.91
2022-03-19	86.65	7.78	65.88	73.89	89.2	117.72	16.46	68.77	94.55	122.63	110.16	14.13	70.23	88.03	115.14
2022-03-26	86.82	7.9	66.01	71.82	90.38	117.88	16.06	71.28	93.45	122.65	110.25	14.15	71.75	88.44	115.6

2022-04-02	85.99	7.87	65.91	77.68	89.76	117.41	15.37	71.42	93.37	122.06	111.29	13.14	71.24	89.37	115.37
2022-04-09	85.72	6.98	66.57	74.06	88.72	117.63	16.74	71.23	89.62	122.34	110.24	14.19	71.05	87.2	115.24
2022-04-16	86.26	7.18	66.07	74.92	87.69	119.83	16.48	69.83	94.55	121.72	109.01	13.78	69.65	88.75	114.37
2022-04-23	87.21	7.48	65.89	68.41	88.05	116.56	16.19	70.1	90.01	121.33	111.03	15	68.72	88.08	115.78
2022-04-30	85.85	8.38	65.8	71.05	90.23	117.63	15.78	69.18	95.98	121.21	111.48	14.32	68.31	90.3	116.06
2022-05-07	85.98	7.33	65.64	74.61	88.22	117.17	15.74	71.98	90.81	121.6	109.31	13.42	71.35	90.48	114.28
2022-05-14	85.35	7.6	65.87	75.41	89.16	118.34	15.94	71.09	98.4	122.46	109.45	13.36	70.52	93.01	114.4
2022-05-21	86.06	8.51	65.8	69.92	91.76	118.96	15.32	73.66	94.94	123.46	110.36	13.18	70.83	91.97	115.27
2022-05-28	84.94	7.64	65.63	70.42	88.68	117.88	15.29	70.3	94.19	120.29	109.15	13.62	68.56	90.22	113.15
2022-06-04	84.42	8.42	65.71	71.22	90.24	114.19	15.63	71.73	93.24	119.21	109.33	13.77	70.23	90.95	114.27
2022-06-11	85.06	7.22	66.68	74.21	90.07	115.79	15.23	71.99	100.23	121.37	110.18	13.26	71.05	94.11	115.6
2022-06-18	83.21	6.79	65.85	70.17	87.02	113.16	14.64	72.23	94.37	118.54	108.21	13.34	70.45	91.39	113.77
2022-06-25	81.51	6.42	65.55	71.11	85.45	113.84	14.58	70.79	92.96	117.2	107.6	12.95	69.09	90.64	112.69
2022-07-02	84.35	7.74	66.3	71.46	88.96	113.43	15.37	70.28	91.76	118.68	108.55	13.43	69.59	90.99	113.64
2022-07-09	85.57	7.64	66.04	72.26	89.19	115.75	15.35	71	99.26	120.79	108.99	12.96	68.92	95.05	114.05
2022-07-16	90.97	9.02	66.47	72.07	94.2	117.33	14.63	75.79	99.62	122.75	111.51	12.83	73.08	95.74	117.37
2022-07-23	86.25	7.76	65.86	71.94	89.95	115.95	14.52	74.06	97.95	121.48	110.05	12.88	73.27	93.79	115.34
2022-07-30	84.41	7.25	66.25	71.27	88.65	116.07	14.5	74.36	93.07	120.26	109.23	12.21	75.2	91.92	113.97
2022-08-06	84.78	7.55	65.73	71.12	87.91	116.97	14.53	75.89	97.45	121.36	108.5	11.52	77.61	92.41	113.26
2022-08-13	84.24	7.33	66.12	70.53	88.4	116.5	13.08	78.24	97.78	119.93	108.68	10.82	79.55	92.75	113.5
2022-08-20	86.19	7.58	65.96	69.99	88.75	116.98	15.15	75.2	94.08	121.18	108.61	11.58	78	92.69	113.38
2022-08-27	84.79	7.11	66.29	70.45	87.91	115.21	13.95	76.24	94.71	119.43	109.13	11.39	79.03	92.58	114.03
2022-09-03	83.95	7.09	66.2	72.64	86.99	114.7	14.91	73.65	93.03	120.04	107.94	11.65	76.57	89.36	112.48
2022-09-10	84.17	7.06	66.41	70.7	87.98	117.3	14.32	76.66	97.9	121.39	110.32	12.47	76.46	92.98	115.3
2022-09-17	83.92	6.67	66.08	74.45	87.17	114.6	15.58	71.21	94.97	118.95	110.56	12.87	73.91	92.28	114.82
2022-09-24	84.99	7.03	66.03	68.27	87.01	115.16	14.81	73.37	93.38	119.9	108.95	12.72	72.86	90.48	114.13
2022-10-01	83.73	7.19	65.73	69.13	87.49	115.85	15.08	73.27	97.69	121.07	110.01	13.91	69.38	92.6	114.69
2022-10-08	88.85	8.09	66.04	68.38	90.33	116.37	14.95	74.08	100.4	121.69	111.2	14.35	69.67	93.69	115.97
2022-10-15	83.3	7.15	65.19	67.17	86.39	118.42	17.1	68.94	93.02	122.02	109.62	14.88	68.35	88.81	114.85
2022-10-22	84.81	7.6	65.87	76.76	88.77	116.83	15.2	72.62	96.89	120.78	109.85	13.37	71.88	91.24	114.77

2022-10-29	87.45	8.04	65.99	75.87	90.99	119	16.54	72.4	98.79	123.8	111.12	14.33	71.57	92.88	116.62
2022-11-05	84.7	6.63	66.42	76.49	86.4	117.6	15.67	72.55	95.88	123.06	110.47	13.33	71.91	89.82	115.4
2022-11-12	84.44	6.71	66.25	74.75	88	121.43	18.69	66.96	92.45	124.05	110.42	14.88	68.7	87	115.55
2022-11-19	88.65	8.01	65.42	68.66	90.09	118.35	18.74	66.6	93.92	125.07	111.84	15.98	67.48	88.56	116.66
2022-11-26	85.6	6.31	67.93	77.72	88.77	119.62	16.96	72.37	100.28	125.54	110.84	13.58	74.43	93.72	115.95
2022-12-03	86.4	7.46	66.18	75.78	89.45	118.34	16.05	72.51	99.02	123.97	111.36	13.93	72.64	92.4	116.45
2022-12-10	85.1	6.96	65.7	74.05	85.84	119.73	16.5	71.54	97.26	124.14	110.44	13.57	73.27	91.96	116.02
2022-12-17	86.85	7.92	65.5	79.16	89.88	119.13	15.66	74.5	96.67	123.76	111.22	13	74.87	92.95	116.97
2022-12-24	86.74	6.9	67.98	78.64	91.69	117.11	17.61	69.86	92.59	122.63	109.47	13.43	71.88	87.31	113.42
2023-01-01	84.91	6.8	65.37	73.99	85.32	117.45	17.84	65.5	88.22	122.22	110.19	14.89	66.42	85.33	115.16
2023-01-08	84.37	6.02	67.79	75.28	87.53	119.55	17.99	68.57	95.18	124.55	111.17	14.99	70.18	90.53	116.17
2023-01-15															
2023-01-22															
2023-01-29	85.23	7.11	65.82	73.18	87.98	118.38	17.25	67.97	93.51	123.1	110.23	14.86	68.94	90.84	116.22
2023-02-05	85.76	6.73	65.68	75.86	86.95	117.11	17.08	68.62	93.46	122.08	110.59	14.62	68.97	88.53	115.63
2023-02-12	83.88	6.95	65.37	73.34	87.15	118.5	17.54	68.77	92.68	123.42	110.98	14.87	70.6	88.03	116.47
2023-02-19	85.47	7.07	65.66	79.27	87.72	119.99	15.54	73.96	97.72	124.2	110.77	12.89	72.91	93.4	115.8
2023-02-26	84.72	6.76	65.7	76.94	86.52	116.57	16.16	66.7	93.28	120.44	108.14	13.16	69.81	89.51	112.28
2023-03-05	85.03	6.54	66.45	74.12	88.38	118.95	16.55	71.49	94.84	123.43	111.4	14.56	72.56	88.93	116.37
2023-03-12	86.77	7.63	66.31	73.61	89.89	119.41	16.64	69.21	96.47	123.5	111.37	14.1	72.01	90.74	116.64
2023-03-19	85.25	7.38	66.28	72.62	89.13	117.52	15.35	74.26	98.64	122.72	110.39	13.27	74.93	91.03	116.06
2023-03-26	86.33	6.74	66.32	75.1	87.88	118.98	15.91	74.11	96.86	123.07	110.93	13.03	75.22	92.02	116.5
2023-04-02	86.51	7.35	66.23	74.69	88.31	116.43	15.41	72.53	91.53	122.15	111.35	13.6	72.8	88.92	116.11
2023-04-09	86.77	7.73	66.23	75.68	89.87	117.91	15.93	70.51	99.17	122.51	110.78	13.48	70.73	92.15	115.93
2023-04-16	85.32	6.71	66.66	78.69	88.57	117.87	15.37	73.01	95.1	122.23	110.88	13.21	72.45	90.46	115.99
2023-04-23	86.1	8.18	66.13	70.24	90.76	119.59	15.75	72.71	98.56	124.03	110.95	13.63	72.94	92.9	116.41
2023-04-30	87.03	7.85	66.07	72.1	89.2	117.23	15.48	72.18	93.77	122.32	110.64	13.65	72.54	90.97	115.87
2023-05-07	86.53	7.22	66.3	69.63	87.57	118.32	16.94	69.23	99.95	123.2	110.47	14.24	67.94	93.21	115.26
2023-05-14	86.89	7.73	66.1	70.25	90.24	117.43	14.93	72.65	96.96	122.09	109.88	13.39	71.11	92.04	114.89
2023-05-21	85.61	7.75	66.45	71	90.74	119.21	15.53	75.33	98.88	124.34	110.98	13.51	70.24	93.62	116.44

2023-05-28	83.65	6.51	66.26	72.31	87.17	117.06	14.7	72.55	93.71	121.56	110.14	12.89	73.19	90.54	114.73
2023-06-04	84.81	6.79	67.26	76.74	89.66	117	14.93	75.06	100.49	122.3	109.84	12.36	75.18	93.58	115.02
2023-06-11	84.84	6.84	66.1	71.35	87.34	115.46	15.45	71.42	94.34	120.47	107.91	13.18	70.08	90.24	112.98
2023-06-18	83.32	6.38	66.8	73.34	87.43	116.06	14.19	75.45	100.62	121.15	109.56	12.39	73.77	95.34	114.63
2023-06-25	83.76	6.94	66.51	70.57	87.98	115.1	14.59	74.28	94.89	120.34	108.84	13.03	72.48	93.12	114.82
2023-07-02	83.09	6.76	65.47	73.8	86.26	114.82	13.34	75.45	96.16	118.42	107.12	11.47	71.45	91.39	110.14
2023-07-09	81.91	6.39	64.69	69.77	84.1	111.98	13.01	73.21	92.44	115.07	105.44	11.84	71.32	89.39	109.51
2023-07-16	83.26	6.92	65.07	71.03	86.76	115.67	14.69	72.52	97.59	120.18	108.5	12.73	71.27	93.03	113.7
2023-07-23	83.29	7.75	64.54	69.5	87.93	115.85	14.51	73.28	93.3	119.4	108	12.16	73.22	92.86	113.02
2023-07-30	83.39	7.6	65.2	70.65	88.05	115.63	14.72	74.47	100.2	121.17	107.93	11.73	75.96	93.68	112.82
2023-08-06	82.61	7.04	64.63	69.41	85.68	114.86	14.04	75.08	92.77	119.07	108.36	11.07	78.24	90.8	112.55
2023-08-13	82.72	6.85	65.12	71.59	86.12	114.11	13.93	75.6	93.63	118.12	108.18	10.71	79.49	92.29	112.94
2023-08-20	82.32	6.86	64.18	70.26	84.73	113.01	13.91	74.11	90.63	117.3	108.39	10.8	78.56	91.01	112.58
2023-08-27	83.1	7.54	64.81	72.13	87.67	113.89	13.93	76.14	95.23	118.53	108.92	11.21	79.21	90.58	113.16
2023-09-03	83.88	7.42	64.46	67.66	86.58	114.65	14.38	74.24	93.62	118.86	108.71	11.4	78.42	90.73	113.61
2023-09-10	82.55	7.31	64.45	66.96	86.12	115.43	15.37	73	93.99	119.75	109.2	12.24	75.41	91.45	114.1
2023-09-17	82.79	6.88	64.54	69.91	85.19	114.14	15.12	72.05	90.77	119.47	109.07	12.17	76.25	89.51	113.44
2023-09-24	82.87	6.59	65.38	74.94	87.12	114.5	13.98	75.89	99.45	119.54	109.99	12.14	75.67	93.27	114.53
2023-10-01	83.28	7.3	64.74	70.4	87.24	115.56	15.11	72.5	96.48	119.52	108.94	13.17	72.13	90.25	113.63
2023-10-08	82.4	7.41	64.36	68.37	86.01	114.4	16.08	70.05	92.23	119.84	108.36	14.34	68.88	88.61	113.65
2023-10-15	82.29	7.23	64.47	70.61	87.67	117.25	16.25	69.15	94.95	119.9	108.68	14	68.73	86.35	112.8
2023-10-22	82.34	6.47	64.41	70.63	83.03	115.91	15.98	70.2	94.28	119.86	108.57	14.19	68.39	89.17	113.56
2023-10-29	84.12	7.66	64.68	70.96	87.76	118.43	16.61	70.65	100.59	123.4	109.2	14.13	69.08	91.66	114.23
2023-11-05	83.18	6.66	64.43	72.64	84.93	117.35	16.85	68.2	90.03	120.7	109.52	14.27	68.61	85.55	113.51
2023-11-12	85.34	7.64	64.31	69.7	87.35	118.01	14.62	75.48	103.57	122.99	110.86	13.81	71.86	95.56	116.34
2023-11-19	83.49	6.76	65.1	73.86	87.83	117.91	15.23	72.71	101.72	121.97	110.04	13.57	72.11	94.47	115.57
2023-11-26	83.05	7.39	64.37	71.3	85.94	120.6	17.48	70.1	99.95	125.87	110.18	14.97	68.53	90.26	115.48
2023-12-03	84.09	7.95	63.93	71.84	88.19	119.82	17.43	69.15	92.63	123.89	111.03	15.32	68.28	85.88	115.94
2023-12-10	83.49	7.27	64.9	72.51	87.81	119.73	16.31	72.81	99.78	125.59	111.28	14.61	71.99	91.77	116.53
2023-12-17	84.12	7.54	64.15	69.48	86.72	118.68	16.95	69.84	97.45	123.56	110.98	15.52	68.97	88.49	116.37

2023-12-24	84.63	6.58	64.75	75.49	85.84	117.81	15.73	73.6	100.79	123.88	109.97	13.15	72.62	92.13	114.76
2024-01-01	83.66	6.73	63.87	72.88	84.52	117.91	17.29	67.73	93.43	122.32	108.83	14.63	67	86.41	114.12
2024-01-08	84.07	6.87	65.52	78.26	88.58	120.28	15.2	78.11	105.72	127.3	110.7	12.59	75.04	95.95	116.93
2024-01-15	82.04	6.91	64.31	73.35	85.35	118.17	16.27	70.86	97.71	123.14	109.73	13.74	70.25	89.82	115.23
2024-01-22	84.82	7.66	64.91	75.03	90.01	119.68	17.09	71.56	101.82	124.52	109.49	13.66	72.48	91.55	114.76
2024-01-29	83.14	7.57	63.71	69.32	86.72	119.58	17.85	68.49	97.77	124.37	110.63	15.47	67.76	90.46	116.32
2024-02-05	84.5	8.03	64	71.62	88.05	120.01	16.44	71.72	103.56	125.51	111.61	14.37	72.54	94.58	116.95
2024-02-12	82.23	6.5	64.35	76.68	85.84	118.49	16.21	71.74	99.09	123.75	111.14	13.67	70.58	92.03	116.28
2024-02-19	84.34	8.14	63.88	71.3	88.39	120.08	16.57	70.27	103.49	125.02	111.81	14.02	71.01	95.02	116.33
2024-02-26	86.01	5.76	67.54	78.75	88.38	118.69	15.01	76.34	97.16	123.79	110.2	12.24	77.17	90.53	115.44
2024-03-04	84.79	7.3	65.33	74.15	87.3	119.1	17.09	70.5	100.02	125.49	110.93	14.47	69.18	91.91	115.95
2024-03-11	85.24	6.93	65.55	72.51	85.38	119.22	16.43	72.41	101.99	123.87	110.39	13.13	73.92	92.88	115.42
2024-03-18	83.86	7.76	65.26	68.77	87.4	119.98	16.4	72.49	97.84	124.01	110.24	14.15	72.1	92.21	115.42
2024-03-25	84.65	7.28	65.39	74.02	86.95	120.33	16.25	71.21	95.88	122.62	110.9	13.39	71.54	90.07	115.89
2024-04-01	86.65	7.33	65.31	72.88	87.93	118.27	15.79	71.93	100.69	123.76	111.22	13.4	73.27	92.61	116.11
2024-04-08	87.2	7.1	65.73	74.16	87	118.69	15.98	73.79	106.09	124.58	111.58	13.96	71.97	96.42	116.74
2024-04-15	83.48	6.75	65.4	70.18	85.25	117.01	16.65	69.21	93	122.1	109.74	13.85	69.79	88.94	113.64
2024-04-22	85.18	8.04	65.23	73.54	89.32	118.42	17.39	68.06	96.72	122.73	109.7	14.51	68.08	91.22	114.56
2024-04-29	84.23	7.26	65.38	70.06	87.96	118.99	16.81	71.57	97.6	124.16	110.37	14.06	71.3	92.45	115.35
2024-05-06	86.58	7.65	65.68	71.16	89.54	120.51	17.13	71.98	103.99	126.98	110.85	14.41	69.62	96.26	116.67
2024-05-13	84.11	6.88	65.83	71.39	86.87	118.8	16.56	70.94	94.19	123.72	109.15	13.5	70.86	91.23	114.48
2024-05-20	85.25	7.25	65.59	74.93	88.46	117.03	15.47	72.5	98.02	122.59	109.87	13.05	72.96	93.29	114.59
2024-05-27	85.16	7.86	65.51	71.22	89.38	117.41	15.09	73.2	99.96	122.97	108.99	12.96	70.94	94.52	114.53
2024-06-03	84.31	7.19	66	74.51	88.51	118.68	15.24	74.18	104.05	124.42	108.78	12.47	72.65	96.09	114.48
2024-06-10	84.95	6.61	66.12	71.92	86.75	117.37	14.76	76.24	97.83	122.55	109.07	12.45	73.52	93.82	114.17
2024-06-17	83.58	6.93	65.21	70.25	86.17	117.66	15.08	74.76	101.73	123.86	109.61	13.21	72.02	95.64	114.81
2024-06-24	84.6	7.33	65.91	70.8	88.27	117.48	14.69	75.45	100.8	124.12	109.21	13.08	70.7	95.92	115.12
2024-07-01	84.62	7.34	65.65	71.44	88.45	118.2	15.39	75.57	100.92	124.25	110.25	13.24	70.85	95.32	114.43
2024-07-08	84.23	7.46	65.45	68.75	87.92	116.37	14.72	75.47	96.11	122.24	109.17	13.36	70.2	93.33	114.31
2024-07-15	83.33	6.94	65.04	69.87	86.61	116.96	15.3	74.62	98.06	122.34	108.35	12.65	72.27	93.94	113.41

2024-07-22	85.28	7.44	66.07	71.9	88.7	117.51	13.93	79.1	103.29	123.82	108.85	12.06	75.29	97.15	114.45
2024-07-29	83.74	7.55	65.56	71.55	88.73	116.83	14.87	74.83	100.85	122.32	110.55	12.28	76.3	95.71	115.98
2024-08-05	83.25	7.04	65.79	71.33	87.85	114.55	13.77	76.71	97.83	120.51	108.61	11.2	78.13	94.99	113.43
2024-08-12	83.79	7.74	65.08	69.01	88.57	116.73	14.73	75.25	97.14	122.33	108.87	11.69	78.16	94.11	113.94
2024-08-19	84.24	7.69	65.88	71.81	88.28	117.78	13.89	77.1	100.24	122.55	108.67	11.43	77.38	93.83	114.17
2024-08-26	85.55	8.18	65.36	70.79	90.56	116.5	15.25	73.82	97.55	122.06	109.63	11.55	77.86	94.97	114.53
2024-09-02	84.42	7.29	65.27	69.22	87.05	117.11	15.68	72.44	93.5	121.5	108.16	11.56	76.77	93.56	113.64
2024-09-09	83.9	7.85	64.94	69.35	88.54	115.36	15.75	71.23	93.66	120.52	108.49	12.66	73.44	91.42	113.02
2024-09-16	84.62	6.98	65.68	69.52	86.85	116.9	15.51	70.28	99.83	121.44	109.52	13.26	71.5	93.23	114.7
2024-09-23	85.8	7.96	65.55	73.47	90.66	116.07	16.31	70.33	97.69	120.64	108.72	13.21	72.34	93.8	114.54
2024-09-30	84.59	7.25	65.13	68.49	87.33	116.69	16.09	70.26	94.21	120.41	108.83	13.93	69	91.33	114.1
2024-10-07	84	7.24	65.22	69.12	87.54	117.39	16.93	70.66	96.17	122.75	110.07	14.86	68.15	92.38	114.66
2024-10-14	85.15	7.98	65.94	75.9	89.86	119.33	15.23	76.12	103.94	125.84	109.7	12.92	74.33	95.18	115.11
2024-10-21	85.12	7.44	65.96	72.15	89.59	118.5	15.74	74.58	103.67	124.7	110.58	13.9	71.1	96.73	115.87
2024-10-28	91.86	7.18	65.87	75.3	88.35	115.55	15.34	73.75	97.5	121.53	109.89	13.49	71.94	90.86	115.44
2024-11-04	85.88	8.53	65.51	68.24	90.74	117.06	17.23	69.43	97.57	122.31	109.92	15.59	66.59	92.12	114.91
2024-11-11	84	6.81	66.06	77.74	87.79	119.38	16.56	72.47	100.93	125.41	109.35	12.82	74.75	93.67	115.08
2024-11-18	85.75	5.66	69.72	78.42	89.06	120.68	16.05	75.57	104.23	126.62	111.74	12.99	76.46	96.08	117.39
2024-11-25	84.73	7	65.87	74.54	87.33	118.01	16.25	72.52	99.62	123.54	110.91	14.11	71.5	93.77	116.51
2024-12-02	86.3	7.66	66.01	70.91	89.53	119.68	16.84	72.68	103.98	125.33	110.79	14.37	70.32	95.8	116.17
2024-12-09	86.86	7.39	65.77	72.49	86.59	119.19	15.94	73.5	101.71	125.26	110.71	13.6	70.88	94.4	115.9
2024-12-16	86.34	7.27	66.19	76.95	90.98	120.18	16.98	72.55	103.61	126.39	110.93	14.29	70.62	94.51	116.03
2024-12-23	83.44	5.79	67.14	77.29	84.7	119.18	15.41	71.98	93.57	122.16	108.2	12.51	72.37	88.99	113.09

Table 16a: Swanson Channel weekly sound pressure levels (SPL) in decibels (dB). Mean (Avg) and standard deviation (Std), Q₅, Q₅₀ and Q₉₅ levels for broadband and SRKW echolocation and communication ranges are given.

Date	Avg 10-100000 Hz	Std 10-100000 Hz	Q5 10-100000 Hz	Q50 10-100000 Hz	Q95 10-100000 Hz	Avg 15000-100000 Hz	Std 15000-100000 Hz	Q5 15000-100000 Hz	Q50 15000-100000 Hz	Q95 15000-100000 Hz	Avg 500-15000 Hz	Std 500-15000 Hz	Q5 500-15000 Hz	Q50 500-15000 Hz	Q95 500-15000 Hz
2019-01-01	113.08	7.87	93.07	105.01	118.3	102.41	7.7	83.36	84.28	105.64	108.49	9.59	82.09	96.86	113.98
2019-01-08	116.35	7.97	94.71	106.82	120.2	102.62	7.25	83.45	84.53	104.14	110.93	9.59	83.75	98.15	115.41
2019-01-15	112.35	7.23	94.76	104.8	117.65	100.77	6.06	83.44	84.47	101.22	107.27	8.45	83.96	96.1	111.95
2019-01-22	111.54	6.98	93.42	104.65	116.07	98.43	6.04	83.42	84.79	100.5	105.86	8.04	83.21	96.91	109.94
2019-01-29	110.74	7.55	90.62	104.39	116.37	95.64	6.11	83.41	84.75	100.76	104.98	8.11	82	97.92	109.9
2019-02-05	110.29	7.08	91.37	104.6	115.54	96.13	4.72	83.43	84.79	97.1	103.99	7.27	84.23	97.86	108.35
2019-02-12	110.47	7.81	89.31	103.31	115.71	96.62	4.79	83.42	84.14	97.53	104.82	7.81	82.24	96.87	108.22
2019-02-19	108.84	7.81	88.42	103.04	114.9	92.2	4.04	83.36	84.18	94.77	103.47	8.13	81.51	97.54	108.58
2019-02-26	109.45	7.56	89.24	103.18	115.13	92.95	4.77	83.4	86.46	97.79	102.77	7.18	82.76	97.95	107.18
2019-03-05	111.25	8.18	88.92	103.92	117.23	93.17	4.55	83.39	84.34	97.28	103.57	7.84	82.2	97.65	108.7
2019-03-12	110.51	8.56	88.54	103.93	117.04	96.6	3.49	83.34	83.92	90.46	103.1	8.11	82.36	96.8	108.53
2019-03-19	109.73	8.96	87.51	102.36	115.96	90.26	2.77	83.26	83.81	89.27	102.64	8.32	81.48	95.79	107.83
2019-03-26	110.36	7.87	89.86	103.84	116.71	92	4.96	83.34	84.3	99.12	102.88	7.37	84.6	97.81	108.07
2019-04-02	122.38	8.41	93.07	106.53	119.66	92.35	4.39	83.35	86.31	96.06	112.02	7.42	87.27	100.05	110.94
2019-04-09	111.84	8.41	89.88	105.73	118.19	89.2	2.76	83.45	84.39	90.31	102.92	7.14	83.77	97.97	107.79
2019-04-16	109.48	8.21	88.87	103.29	115.95	89.54	3.86	83.26	84.21	95.57	102.57	7.72	83.42	96.97	108.52
2019-04-23	112.47	7.38	92.83	105.32	117.4	90.49	4.15	83.28	84.59	95.63	103.28	7.2	85.08	98.26	108.35
2019-04-30	111.22	7.49	92.27	105.3	117.52	93.68	5.79	83.3	86.41	100.67	103.37	6.74	86.02	99.4	108.7
2019-05-07	110.99	8.32	89.8	103.38	117.37	90.38	3.65	83.24	84.43	93.64	103.52	7.6	84.41	97.02	108.6
2019-05-14															
2019-05-21															
2019-05-28															
2019-06-04															
2019-06-11															
2019-06-18															

2019-06-25															
2019-07-02															
2019-07-09															
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2019-09-24															
2019-10-01															
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2019-10-15															
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2019-11-12															
2019-11-19															
2019-11-26															
2019-12-03															
2019-12-10															
2019-12-17															
2019-12-24															
2020-01-01	110.35	6.45	93.44	104.56	116.31	93.57	4.7	83.45	90.59	99.9	103.56	5.59	88.4	100.9	108.21
2020-01-08	110.9	7.16	93.5	104.84	116.95	91.05	4.36	83.37	86.48	95.43	103.11	6.07	88.22	99.41	107.96
2020-01-15	110.34	7.39	91.94	104.74	116.27	89	3.73	83.22	85.81	93.4	102.97	6.9	86.05	99.07	108.25

2020-01-22	110.79	7.24	92.39	104.17	116.89	92.18	4.82	83.29	86.63	97.62	103.85	6.39	87.53	99.13	108.51
2020-01-29	112	8.36	88.77	104.82	117.4	92.94	5.34	83.17	86.88	98.88	103.38	6.9	84.6	99.18	108.18
2020-02-05	111.63	7.71	90.53	105.7	117.77	93.93	5.9	83.19	85.8	100.75	103.5	6.96	85.22	99.66	109.04
2020-02-12	111.46	8.16	90.17	105.11	117.58	90.68	3.85	83.13	84.35	93.19	104.42	7.63	85.17	99.11	110.01
2020-02-19	112.49	7.39	93.92	107.14	118.66	89.82	3.64	83.21	84.15	93.4	104.35	6.99	86.88	99.54	109.89
2020-02-26	111.74	7.8	91.97	105.45	117.91	89.52	3.85	83.17	84.29	93.82	103.88	7.11	86.58	99.01	109.65
2020-03-04	113.16	7.7	93.89	107.71	119.35	89.73	3.82	83.25	83.96	93.69	103.61	7.25	85.89	98.95	109.6
2020-03-11	112.46	7.55	92.86	106.65	118.41	89.26	3.43	83.21	85.56	92.55	103.91	6.9	85.03	98.92	108.94
2020-03-18	112	7.62	92.66	105.84	117.46	98.03	3.91	83.16	83.55	91.45	106.18	8.24	83.17	98	109.72
2020-03-25															
2020-04-01															
2020-04-08															
2020-04-15															
2020-04-22															
2020-04-29															
2020-05-06															
2020-05-13	117.29	9.62	86.22	101.17	117.06	104.85	5.26	83.06	83.52	97.52	106.52	8.74	79.69	93.26	107.75
2020-05-20	111.17	8.25	90.13	104.49	117.2	93.33	4.74	83.15	83.87	97.49	103.83	7.46	82.88	95.92	107.44
2020-05-27	111.78	8.63	89.76	103.84	117.79	93.53	4.03	83.16	83.7	94.19	104.2	8.07	81.28	94.97	108.32
2020-06-03	112.12	9.29	87.04	105.26	118.22	96.07	4.41	83.19	84.27	95.46	103.83	8.45	80.07	95.7	108.14
2020-06-10	110.47	8.73	87.64	102.72	117.05	94.46	5.24	83.12	84.3	98.69	103	8.39	79.81	95.48	107.82
2020-06-17	111.82	8.95	88.64	104.26	117.87	95.91	4.6	83.17	83.85	95.65	104.23	7.89	81.33	94.98	108.04
2020-06-24	112.59	9.06	88.94	104.14	118.79	96.96	5.06	83.21	84.16	97.34	105.56	8.61	80.55	95.5	109.99
2020-07-01	112.79	9.45	88.14	105.15	119.07	98.45	6.21	83.25	84.87	101.16	105.94	8.57	80.3	95.67	110.4
2020-07-08	111.19	8.56	87.73	102.87	117.2	95.32	5.5	83.12	83.96	99.22	104.22	8.56	79.63	94.77	108.92
2020-07-15	111.24	8.7	87.43	102.11	116.35	95.01	4.59	83.12	83.69	96.26	103.97	8.71	79.88	94.12	108.48
2020-07-22	112.25	8.8	89.14	104.22	117.82	98.85	4.98	83.12	83.9	96.88	105.02	8.47	80.55	94.33	108.78
2020-07-29	112.06	8.83	88.83	103.53	118.51	98.23	5.44	83.13	83.95	98.4	106.02	8.96	80.2	94.2	109.85
2020-08-05	110.64	7.97	90.03	103.63	116.47	96.32	5.76	83.15	84.04	100.47	105.44	8.34	81.67	95.28	109.74
2020-08-12	111.32	7.7	91.39	103.31	117.04	97.56	5.33	83.17	83.89	98.43	106.24	8.53	82.36	94.11	110.38

2020-08-19	112.3	7.52	93.81	105.78	118.62	98.2	5.79	83.2	84.26	99.74	104.66	8.06	82.68	95.51	109.71
2020-08-26	111.65	7.65	92.36	104.16	117.61	96.85	5.13	83.26	83.86	98.1	105.23	8.26	82.39	94.31	108.9
2020-09-02	111.81	7.49	93.01	104.22	118	99.26	5.85	83.22	84.03	100.1	106.79	8.99	82.42	94.83	111.77
2020-09-09	120.3	7.71	91.76	102.71	116.14	96.28	4.77	83.2	84.43	96.61	110.82	8.15	82.58	93.72	108.74
2020-09-16	113.55	8.16	92.87	106.28	119.52	93.16	4.22	84.32	84.8	96.64	102.46	7.67	82.47	94.17	106.75
2020-09-23	110.94	7.45	91.36	104.22	116.68	94.38	4.93	84.3	85.77	98.92	102.5	7.36	82.3	96.6	107.04
2020-09-30	111.56	7.8	89.97	104.15	116.97	94.01	4.15	84.38	85.03	95.69	104.01	8.35	80.97	96.21	108.18
2020-10-07	110.47	7.21	91.79	104.18	116.37	94.06	5.07	84.55	86	98.96	101.86	6.67	84.03	96.58	105.75
2020-10-14	115.54	8.36	93.12	106.98	121.44	94.63	4.2	84.36	85.15	95.06	102.02	7.32	83.81	96.27	106.83
2020-10-21	111.6	7.84	90.96	104	117.74	90.1	3.35	84.44	85.71	93.81	101.92	6.9	83.67	96.36	106.58
2020-10-28	128.69	7.69	93.08	106.05	117.43	96.89	4.94	85.64	86.76	97.9	115.71	8.1	83.43	99.26	109.16
2020-11-04	111.39	7.35	92.27	105.28	117.99	91.13	3.41	85.73	88.58	95.27	102.98	6.44	85.74	99.6	108.08
2020-11-11	115.68	8.28	94.23	107.21	122.58	93.4	4.54	85.78	88.45	99.44	102.58	6.53	86.33	99.43	107.63
2020-11-18	111.88	7.62	92.51	105.31	117.85	91.56	3.59	85.76	87.45	96.04	103.27	6.39	87.01	98.29	107.62
2020-11-25	112.42	7.75	92.45	105.25	118.75	91.78	3.72	85.76	87.02	96.21	102.88	7.14	83.92	98.42	107.22
2020-12-02	112.4	8.45	90.73	105.42	119.02	90.7	2.99	85.74	86.25	93.79	102.94	7.51	83.49	97.14	107.73
2020-12-09	114.41	8.69	91.05	106.21	120.71	93.36	4.74	85.71	86.57	100.83	103.13	7.55	83.54	98.2	107.71
2020-12-16	111.87	6.34	95.96	106.18	117.07	94.94	4.82	85.8	91.16	100.83	103.41	5.91	88.63	100.36	107.56
2020-12-23	111.62	8.18	89.85	104.15	116.93	92.09	3.96	85.71	86.38	97.74	104.16	8	83.17	97.79	108.49
2021-01-01	110.88	7.01	92.7	104.79	116.85	94.21	4.58	85.79	89.19	98.95	103.49	6.47	86.55	99.2	108.49
2021-01-08	111.92	7.66	91.56	105.2	117.33	93.06	4.34	85.79	87.9	98.24	103.94	7.27	84.69	98.93	108.89
2021-01-15	111.58	8.2	90.26	104.38	117.43	90.33	2.88	85.75	86.06	92.22	104.29	8.18	82.9	97.07	108.96
2021-01-22	112.27	7.3	93.09	105.4	117.76	92.18	3.65	85.87	87.46	95.76	104.05	6.54	87.15	99.42	108.98
2021-01-29	112.31	7.82	92.31	104.7	118.22	93.46	4.4	85.96	87.63	99.48	103.29	6.78	86.13	98.29	108.29
2021-02-05	122.41	7.37	93.76	105.65	117.42	90.3	2.97	85.17	86.6	93.39	108.32	6.87	86.33	98.03	108.52
2021-02-12	110.99	7.72	90.82	103.53	116.93	91.32	3.8	85.15	87.56	97.32	102.56	6.85	84.58	97.29	108.07
2021-02-19	112.55	6.59	96.02	106.64	117.77	91.2	3.51	85.27	88.53	95.01	104.56	5.89	90.31	100.76	109.75
2021-02-26	112.52	7.81	92.22	106.82	118.16	90.41	3.3	84.98	86.5	93.85	104.22	7.25	84.51	99.08	108.98
2021-03-05	112.01	7.42	93.67	106.26	118.13	90.47	3.22	85.11	86.56	94.1	104.53	6.9	87.25	98.89	109.84
2021-03-12	112.1	8.08	91.81	105.76	118.41	91.47	3.35	84.99	85.45	93.48	104.14	7.94	83.03	98.32	109.46

2021-03-19	110.74	7.15	92.15	104.76	117.21	92.01	3.76	84.95	88.61	95.18	103.11	6.49	85.69	99.16	107.21
2021-03-26	113.14	7.82	91.82	106.47	118.38	96.15	4.14	84.84	86.16	94.69	105.56	7.84	83.25	99.42	109.09
2021-04-02	112.04	7.46	93.08	104.86	117.69	90.3	3.32	84.91	85.83	93.44	103.57	7.17	85.26	99.01	108.91
2021-04-09	111.27	7.37	92.41	104.15	116.68	95.12	3.24	85.01	85.87	93.23	103.6	7.05	85.18	97.71	108.15
2021-04-16	112.12	8.33	90.46	104.36	118.32	94.9	4.01	84.98	85.28	94.82	105.07	8.64	80.95	97.42	109.73
2021-04-23	115.58	9.17	91.36	104.62	121.93	97.67	4.44	85.09	85.84	97.64	103.01	7.64	82.38	96.23	107.91
2021-04-30	112.99	8.41	91.17	105.92	119.02	94.13	3.98	85.1	85.53	96	103.97	7.46	83.84	97.57	108.5
2021-05-07	111.46	8.51	88.74	103.72	117.67	93.5	3.5	85.2	85.66	94.18	103.28	8.03	80.27	97.18	107.59
2021-05-14	113.51	8.2	91.4	103.87	118.2	99.99	4.28	85.26	85.97	96.61	104.73	8.15	81.09	96.66	108.95
2021-05-21	118.67	10.2	90.94	104.91	125.61	95.54	4.35	85.31	86.06	97.42	103.92	7.85	82.51	95.93	108.88
2021-05-28	114.37	8.47	91.35	105.38	119.97	93.27	3.64	85.28	85.78	95.48	103.26	7.67	82.26	97.12	108.36
2021-06-04	119.78	7.61	92.66	104.57	117.78	98.94	4.45	85.48	86.77	97.44	111.31	7.43	83.82	97.96	109.33
2021-06-11	113.72	8.73	90.94	105.32	120.35	93.74	4.53	85.52	86.07	98.71	104.27	8.31	81.33	97.36	109.64
2021-06-18	114.17	8.49	91.94	105.74	119.76	96.2	4.47	85.57	86.14	97.54	104.92	7.98	82.54	97.3	109.88
2021-06-25	122.38	11.18	93.13	109.68	130.09	97.84	4.63	85.64	86.77	98.52	105.26	8.05	81.97	98.1	109.9
2021-07-02	113.33	8.02	91.1	103.88	118.49	99.91	4.83	85.59	86.21	98.87	105.94	8.37	81.76	95.83	109.84
2021-07-09	120.5	10.42	92.06	105.71	126.49	96.48	4.43	85.65	86.32	97.95	104.81	7.66	83.4	95.74	109.03
2021-07-16	121.14	10.48	91.73	105.46	127.88	96.13	4.27	85.66	86.29	96.73	105.11	8.06	80.83	95.68	108.67
2021-07-23	127.03	13.07	91.02	108.13	134.93	99.02	5.09	85.71	86.38	99.79	105.71	8.4	81.68	98.01	110.36
2021-07-30	111.66	7.52	92.07	103.6	116.81	99.73	5.08	85.76	86.29	99.85	106.68	8.48	82.11	95.71	110.23
2021-08-06	116.78	8.54	94.03	106.23	122.2	97.63	5.13	85.83	86.46	100.89	105.55	8	82.26	96.44	109.74
2021-08-13	114.01	7.71	94.34	105.01	119.25	99.34	5.24	85.87	86.63	100.82	106.07	8.19	83.4	95.44	110.51
2021-08-20	119.76	9.68	94.88	108.58	126.31	98	5.02	85.91	86.64	100.44	106.19	8.15	83.47	96.85	111.08
2021-08-27	112.84	7.33	93.19	103.01	116.69	96.77	4.78	85.89	86.44	99.83	105.03	8.15	82.81	94.83	109.6
2021-09-03	113.99	8.37	93.04	104.56	120.28	98.88	5.29	85.95	86.4	100.76	106.17	8.77	82.49	95.97	110.9
2021-09-10	117.13	8.19	94.27	105.93	121.27	98.09	4.92	86.05	86.66	100.21	104.95	8.05	83.84	97.53	109.71
2021-09-17	116.13	7.87	94.22	105.91	120.07	96.62	5.13	86.09	87.26	100.64	103.74	7.1	85.49	98.26	108.79
2021-09-24	109.89	6.83	92.78	104.07	115.62	94.94	4.77	86.15	88.41	100.63	103.23	6.95	84.55	98.99	107.55
2021-10-01	114.46	7.99	90.78	102.9	116.39	94.06	3.77	86.07	86.83	96.93	103.24	7.93	81.55	96.74	108.1
2021-10-08	116.18	8.7	92.34	104.42	120.59	94.26	3.96	85.18	86.79	96.51	106.89	7.55	85.72	98.11	109.54

2021-10-15	110.56	7.55	90.82	104.67	116.48	92.13	4.27	85.17	86.32	97.54	102.45	7.8	82.14	97.29	107.95
2021-10-22	110.11	6.27	95.24	105.9	115.86	93.28	3.94	85.44	90.04	98.07	103.8	6.34	88.49	100.1	108.53
2021-10-29	110.51	7.35	91.43	104.91	115.51	93.75	5	85.26	86.59	99.81	103.84	7.07	85.22	98.42	108.14
2021-11-05	112.08	6.47	96.44	106.65	117.72	92.07	3.49	85.54	90.04	96.24	104.09	5.29	91.06	100.29	108.11
2021-11-12	111.75	7.26	93.13	106.12	117.69	97.79	6.78	85.27	87.24	104.69	104.6	6.91	87.14	99.69	109.53
2021-11-19	112.47	7.96	91.56	105.74	118.82	91.9	4.05	85.24	86.4	98.11	103.75	7.16	84.71	98.51	108.78
2021-11-26	110.9	7.31	92.33	103.76	117.19	93.15	4.64	85.29	88.62	99.65	102.17	6.44	86.35	98.22	107.58
2021-12-03	113.1	7.86	93.65	107.18	119.53	90.9	3.64	85.28	86.99	96.61	103.95	7.05	86.29	98.26	109.6
2021-12-10	111.67	6.84	94.06	106.62	117.45	93.16	4.04	85.33	90.74	97.87	104.38	6.07	89.21	101.36	109.12
2021-12-17	113.12	7.78	92.99	106.62	118.56	92.3	4.43	85.32	86.44	97.82	104.47	7.19	86.33	100.48	109.48
2021-12-24	110.5	7.56	91.45	103.81	116.57	89.03	2.72	85.36	86.46	93.36	103.26	6.85	86.49	98.13	108.96
2022-01-01	113.96	7.29	94.98	106.45	120.1	92.75	4.19	85.53	89.81	97.81	103.85	6.21	88.53	101.24	108.8
2022-01-08	112.51	8.16	90.86	105.79	117.88	93.73	4.82	85.46	86.79	100.35	105.38	7.97	84.71	99.4	111.21
2022-01-15	112.21	8.05	90.76	106.72	117.94	91.82	4.1	85.55	85.94	98.08	104.75	8.37	83.07	98.86	110.21
2022-01-22	113.56	9.41	88.05	106.13	119.58	89.02	2.42	85.57	85.88	90.15	104.74	9.22	81.29	97.5	110.51
2022-01-29	116.46	8.41	94.69	110.43	122.7	92.16	4.04	85.66	86.35	97.55	105.48	8.03	85.41	99.76	111.38
2022-02-05	112.21	6.36	96.79	109.84	117.04	86.62	1.3	85.4	85.89	88.29	102.35	7.2	86.19	94.97	108.55
2022-02-12	113.78	8.23	93.03	107.92	120.25	89.9	2.74	85.64	86.18	92.53	104.96	7.95	85.12	99.1	110.75
2022-02-19	115	8.11	93.33	107.83	120.73	91.87	3.13	85.74	86.75	93.56	105.78	7.6	85.31	100.43	110.88
2022-02-26	118.97	9.42	94.2	109.57	126.27	94.29	4.56	85.72	86.51	99.3	104.95	7.72	84.97	99.87	110.5
2022-03-05	115.89	8.45	93.86	107.68	121.79	91.37	3.03	85.72	86.69	93.83	105.47	7.47	86.4	99.42	110.85
2022-03-12	116.37	8.12	90.49	105.18	117.06	95.33	4.9	84.79	86.16	99.78	107.65	8.31	83.08	98.48	110.26
2022-03-19	111.78	7.73	91.1	105.2	117.2	91.79	4.21	84.79	86.28	96.34	104.78	7.59	84.64	99.83	109.66
2022-03-26	111.44	7.5	91.78	106.26	117.24	97.18	4.36	84.86	85.65	98.49	104.69	8.06	84.03	99.13	110.26
2022-04-02	111.48	6.82	92.75	106.82	117	93.58	4.74	84.9	88.74	99.03	104.25	6.8	86.07	101.39	109.37
2022-04-09	110.9	7.27	92.53	104.57	116.83	92.02	3.98	84.91	86.77	96.58	103.7	7.24	85	98.87	108.92
2022-04-16	114.81	7.9	94.99	107.68	121.52	92.13	3.92	84.86	87.11	95.29	104.87	6.93	86.81	100.39	110.21
2022-04-23	110.73	7.72	91.3	104.35	116.86	91.34	3.55	84.86	85.33	94.3	103.81	8.05	82.87	97.79	109.84
2022-04-30	116.62	9.35	91.67	107.8	123.95	93.75	5.04	84.91	86.19	99.2	103.99	7.43	84.66	98.68	109.38
2022-05-07	111.04	6.94	93.51	105.63	116.33	92.24	3.96	84.98	86.97	94.81	104.07	7.09	85.33	100.05	109.28

2022-05-14	115.5	8.46	93.19	107.41	122.47	94.46	4.82	85.01	86.78	99.27	104.23	7.43	84.65	99.71	109.12
2022-05-21	112.41	8.33	89.59	106.11	118.27	98	5.72	85.01	85.92	101.95	106	9.16	80.25	99.24	110.9
2022-05-28	115.92	9.55	89.35	106.5	122.83	97.81	4.83	85.06	85.91	99.11	104.71	8.66	80.46	97.85	109.55
2022-06-04	111.53	7.66	90.48	104.89	116.87	95.63	5.35	85.12	85.94	100.35	104.04	8.06	81.93	97.49	108.9
2022-06-11	119.12	10.29	91.66	107.64	126.55	97.09	4.51	85.3	86.99	97.71	105.22	7.47	84.45	98.89	109.2
2022-06-18	115.71	9.22	90.03	104.94	121.2	95.41	4.39	85.35	86.1	97.48	104.02	8.07	82.36	97.37	108.99
2022-06-25	114.31	8.97	90.57	104.49	120.08	98.7	4.9	85.4	85.98	99.07	104.43	8.59	80.42	95.59	109.64
2022-07-02	116.14	8.53	90.86	105.88	119.69	102.04	5.82	84.12	85.71	100.24	109.28	8.94	82.04	97.99	112.25
2022-07-09	122.02	11.19	90.5	109.87	128.65	97.55	5.63	84.17	85.08	100.15	107.85	9.11	81.91	98.46	112.6
2022-07-16	122.7	10.62	94.74	108.99	130.19	98.25	5.76	84.23	85.24	100.53	107.88	8.72	83.17	99.08	112.55
2022-07-23	120.5	10.63	92.74	108.3	128.16	99.03	5.86	84.23	84.72	101.07	107.86	9.15	82.33	96.54	112.72
2022-07-30	119.98	10.5	91.3	107.38	127.4	99.61	5.92	84.21	84.99	101.33	108.57	9.48	81.18	96.53	113.67
2022-08-06	126.64	12.68	92.63	110.44	134.49	98.95	5.69	84.24	84.91	100.44	107.9	9.07	81.99	96.96	112.5
2022-08-13	127.74	12.83	93.44	109.84	135.25	99.61	6.1	84.28	85.08	101.72	108.06	9.18	82.12	97.71	113.11
2022-08-20	122.15	10.75	92.52	106.95	128.92	98.53	5.47	84.32	84.96	99.76	107.82	8.96	82.52	96.67	112.73
2022-08-27	123.35	9.97	93.95	107.49	127.9	96.07	5.17	84.4	84.98	99.44	106.82	8.51	83.22	96.81	111.48
2022-09-03	127.12	11.38	95.6	108.05	132.31	98.29	5.36	84.43	85.54	99.77	107.3	8.39	84.13	96.93	112
2022-09-10	126.19	10.41	95.65	109.07	130.32	97.04	4.73	84.48	85.19	98.08	104.93	7.6	84.04	97.26	109.63
2022-09-17	115.15	8.7	92.65	104.41	120.57	94.98	3.64	84.5	85.1	92.95	103.51	7.11	83.87	95.48	107.69
2022-09-24	122.49	10.67	93.98	108.63	129.38	90.69	3.51	84.48	84.88	93.93	103.21	7.77	82.51	95.47	108.51
2022-10-01	120.16	10.61	90.66	106.63	126.62	90.94	3.29	84.5	84.93	93.09	103.91	8.03	81.98	96.27	108.66
2022-10-08	122.57	11.23	92.24	109.03	129.06	89.95	3.11	84.5	84.88	92.49	103.48	8.18	81.2	95.94	108.45
2022-10-15	122.21	9.54	88.88	102.5	119.85	97.17	4.46	84.47	84.85	94.64	108.74	8.32	81.4	94.11	108.53
2022-10-22	115.61	8.25	94.2	107.1	122.13	94.07	5.23	84.57	87.81	100.48	103.85	7.26	84.47	97.88	109.02
2022-10-29	115.1	7.51	96.44	109.36	121.19	93.9	5.31	84.69	86.79	100.98	104.67	6.23	89.55	99.74	109.96
2022-11-05	117.79	7.77	97.36	109.91	123.17	90.49	3.54	84.62	86.34	94.52	104.53	6.89	87.88	99.65	110.3
2022-11-12	114.49	7.65	95.08	108.78	119.96	87.87	2.15	84.62	85.6	90.23	103.97	7.17	86.81	98.86	110.11
2022-11-19	119.14	8.96	95.01	109.45	125.19	90.67	3.83	84.51	85.19	96.87	104.95	7.9	85.36	99.21	110.82
2022-11-26	112.09	7.58	93.39	106.72	118.18	90.15	3.69	84.64	86.27	94.58	104.8	7.01	88.76	100.46	110.55
2022-12-03	112.02	7.72	92.66	106.88	117.84	90.5	3.65	84.57	85.57	94.71	104.71	7.79	85.02	99.61	110.65

2022-12-10	112.14	7.83	92.09	106.26	117.91	89.69	3.36	84.57	85.94	94.26	104.44	7.41	86.43	99.79	110.17
2022-12-17	111.63	7.19	93.95	105.71	117.64	92.67	4.26	84.67	86.28	96.07	104.42	6.55	89.33	99.44	110.11
2022-12-24	112.55	7.9	90.69	104.11	117.18	94.39	5.38	84.73	88.49	100.7	104.09	6.9	87.02	99.22	109.49
2023-01-01	112.29	7.6	91.97	105.22	116.73	91.22	3.21	84.61	85.79	93.42	105.72	7.8	85.33	99.17	110.59
2023-01-08	111.71	7.35	93.38	105.3	117.3	93.09	4.96	84.73	87.04	99.51	104.52	6.89	87.55	99.31	110.05
2023-01-15	112.75	7.87	91.73	105.68	118.5	92.07	3.69	84.78	86.21	94.75	105.25	7.09	87.22	100.16	110.69
2023-01-22	111.74	8.53	90.29	104.74	117.71	90.12	3.4	84.79	85.33	95.12	103.74	7.53	84.96	97.7	109.92
2023-01-29	112.46	8.09	91.43	106.11	118.58	89.93	3.37	84.85	85.44	94.34	104.17	8.02	84	98.83	110.31
2023-02-05	112.26	7.47	91.77	105.5	117.31	92.5	3.78	84.89	87.44	95.78	104.67	7.23	85.97	100.03	110.12
2023-02-12	112.02	7.47	93.24	105.75	117.85	90.22	3.33	84.84	86.46	93.65	105.23	7.13	86.74	99.56	111.4
2023-02-19	112.49	6.9	95.04	107.12	117.82	89.99	3.16	84.89	86.6	93.61	104.82	6.95	86.3	100.14	110.53
2023-02-26	112.45	7.01	95.55	106.3	118.48	90.82	3.25	84.94	88.75	94.47	105.14	6.15	90.3	100.93	110.96
2023-03-05	119.38	7.34	93.55	106.49	117.97	90.8	3.68	84.04	86.61	94.25	106.72	6.74	87.85	100.47	110.65
2023-03-12	111.9	7.25	93.65	106.09	117.43	90.58	4.19	83.87	85.09	96.98	104.8	7.29	86.31	100.13	110.61
2023-03-19	110.47	7.37	91.34	105.15	116.46	91.12	3.93	83.9	85.04	94.41	103.64	7.51	83.95	98.72	109.11
2023-03-26	111.6	7.38	92.98	105.56	117.21	90.1	3.32	83.88	85.05	92.3	104.59	7.2	86.7	99.65	110.32
2023-04-02	110.11	7.32	91.81	105.27	116.14	91.01	4.19	83.88	85.63	95.17	104.07	7.41	84.75	99.23	109.43
2023-04-09	111.09	7.04	92.79	106.2	116.83	90.1	3.83	83.8	85.66	94.23	104.48	7.32	84.99	100.77	110.25
2023-04-16	111.18	6.68	94.41	105.86	116.6	92.71	4.01	83.84	89.25	94.88	105.83	6.65	88.52	101.71	110
2023-04-23	110.93	7.84	91.26	105.27	117.06	92.07	4.1	83.79	84.33	95.88	104.67	7.73	84.44	98.84	109.63
2023-04-30	111.67	7.3	93.17	105.84	117.15	91.53	4.11	83.89	85.23	95.8	105.14	7.17	86.52	99.52	110.11
2023-05-07	114.38	8.18	92.95	106.66	120.01	91.42	3.5	83.84	84.33	92.5	104.9	8.37	82.39	98.89	110.11
2023-05-14	117.28	8.97	92.12	107.49	122.48	95.68	4.74	83.88	84.93	96.93	106.76	8.15	84.44	100.41	111.46
2023-05-21	116.91	8.65	92.1	107.86	121.14	96.33	5.34	83.85	84.64	99.11	106.74	8.38	82.85	100.18	111.7
2023-05-28	116.68	9.23	90.4	103.76	120.93	96.48	4.5	83.89	84.69	95.68	105.12	7.72	82.79	95.98	108.8
2023-06-04	127.13	11.18	95.72	108.89	133.85	94.31	5.01	83.97	86.3	99.44	105.49	6.54	87.86	99.1	109.83
2023-06-11	115.63	8.03	91.78	104.75	117.77	94.21	4.3	83.87	84.41	95.94	103.95	7.98	81.79	96.04	108.75
2023-06-18	119.49	9	94.11	107.07	124.17	95.12	4.63	83.89	84.97	96.5	105.22	7.34	85.11	97.43	109.42
2023-06-25	113.25	7.88	91.4	104.85	117.54	96.91	5.06	83.88	84.9	97.76	106.79	7.86	84.34	96.85	110.34
2023-07-02	132.42	14.37	91.05	111.64	139.86	101.31	6.15	83.94	88.58	103.26	112.14	9.4	83.07	101.27	115.39

2023-07-09	117.42	7.76	96.25	108.85	122.04	101.68	5.57	87.21	89.42	103.34	110.25	8.32	87.12	101.09	114.96
2023-07-16	127.2	10.48	96.66	111.92	132.84	101.76	5.63	87.57	90.41	104.34	110.61	8.49	86.68	101.87	115.76
2023-07-23	116.82	7.79	95.91	108.94	122.42	102.67	6.02	87.74	91.09	106.06	110.81	8.7	85.74	101.66	116
2023-07-30	129.69	11.06	97.66	114.35	135.38	102.23	5.8	88.08	91.39	105.53	111.65	8.49	87.34	103.04	116.65
2023-08-06	124.47	8.83	97.14	110.63	126.68	104.05	6	88.07	90.9	106.05	112.05	9.06	85.95	101.98	117.37
2023-08-13	130.29	10.71	95.87	112.4	132.05	101.44	5.33	88.05	90.73	103.87	109.58	8.58	84.91	99.95	114.52
2023-08-20	120.36	8.16	97.21	109.39	123.63	100.9	5.03	88.15	91.13	102.86	109.55	8	87.12	99.21	114.06
2023-08-27	135.71	13.65	100.04	117.7	143.29	102.24	5.18	88.84	93.03	104.54	109.96	8.07	87.53	100.93	114.8
2023-09-03	126	9.73	98.9	111.52	132.32	102.22	5.45	88.38	92.28	104.66	109.86	8.21	86.69	100.6	114.83
2023-09-10	125.27	9.47	98.01	111.19	129.19	99.99	4.73	88.63	92.36	102.71	108.91	8.5	85.05	99.03	113.65
2023-09-17	121.49	8.03	98.86	110.67	124.8	97	4.13	88.13	91.39	100.47	106.44	7.47	85.81	99.9	111.14
2023-09-24	127.56	9.63	99.47	112.84	131.47	96.41	3.99	88.16	91.82	100.86	105.8	6.42	89.32	100.46	110.25
2023-10-01	125.08	9.58	97.61	111.79	130.53	95.86	4.15	87.86	90.41	100.65	106.27	6.94	88.59	101.53	111.75
2023-10-08	117.14	7.96	95.04	109.1	121.21	95.8	4.22	87.65	90.07	100.08	106.1	7.72	84.94	99.82	111.25
2023-10-15	115.2	8.15	89.97	103.97	116.56	92.9	5.25	83.43	84	99.71	104.49	7.75	82.6	95.91	107.67
2023-10-22	111.54	8.2	89.68	105.59	117.99	90.8	4.22	83.47	84.02	96.19	103.6	8.13	82.32	97.01	108.64
2023-10-29	116.41	9.3	92.25	106.8	124.25	90.86	4.6	83.56	84.23	97.89	102.61	7.12	85.02	97.4	108.28
2023-11-05	109.39	7.71	89.34	103.14	115.7	90.45	4.21	83.5	84.95	95.61	103.09	7.54	83.55	97.48	108.61
2023-11-12	113.72	8.13	92.33	106.31	119.81	87.97	3.14	83.46	84.04	92.77	104	7.7	84.39	97.65	109.85
2023-11-19	118.18	9.2	91.27	106.41	122.21	89.51	3.64	83.49	84.5	94.09	105.75	7.51	85.45	98.66	110.77
2023-11-26	120.75	10.4	91.55	107.83	127.56	89.28	3.72	83.45	84.05	93.95	104.43	7.85	83.63	98.07	108.9
2023-12-03	114.23	8.8	90.32	106.14	119.06	91.61	4.85	83.44	84.51	98.76	104.13	7.4	84.9	98.48	109.61
2023-12-10	118.88	9.51	91.2	107.79	123.99	91.13	3.87	83.39	83.95	94.25	104.76	8.09	84.47	98.58	109.94
2023-12-17	118.66	9.9	89.3	106.2	122.36	89.48	3.58	83.33	84.06	93.86	104.27	8.42	82.8	97.21	110.43
2023-12-24	119.5	9.7	91.56	106.2	125.91	89.15	3.57	83.4	85.11	92.49	105.34	7.67	86.15	99.82	110.5
2024-01-01	110.72	8.06	88.14	104.04	115.91	90.23	4.04	83.3	85.22	94.5	103.76	7.94	81.62	98.69	108.72
2024-01-08	123.42	9.82	93.63	106.71	128.92	90.72	4.22	83.47	86.39	96.37	103.95	6.33	87.9	99.74	109.56
2024-01-15	111.53	8.08	91.16	104.71	117.64	90.43	4.4	83.28	83.87	97.32	103.02	7.54	84.16	97.13	109.63
2024-01-22	112.39	7.97	92.52	105.34	119.01	93.85	5.99	83.34	85.17	100.76	103.59	7.17	85.64	97.82	109.84
2024-01-29	111.88	8.49	89.75	104.84	117.95	88.61	3.47	83.26	83.67	93.65	104.14	7.91	83.87	97.85	110.37

2024-02-05	113.93	8.43	91.97	107.08	120.29	89.73	4.2	83.31	83.89	96.86	104.07	7.58	85.11	98.35	110.28
2024-02-12	113.35	7.96	91.38	104.6	117.52	90.54	2.76	83.34	85.05	90.66	104.77	6.92	86.68	98.48	109.85
2024-02-19	117.37	8.46	92.73	107.07	121.03	91.48	4.01	83.38	84.11	95.35	107.8	7.58	86.05	98.53	110.62
2024-02-26	112.11	6.55	95.32	106.68	117.39	92.28	3.63	84.52	90.54	95.99	105.18	5.36	91.42	102.02	109.82
2024-03-04	111.27	8	91.01	104.83	117.33	89.86	3.72	84.21	85.04	94	104.7	7.98	84.52	98.82	109.55
2024-03-11	112.65	7.73	92.26	104.73	117.33	93.1	3.82	84.25	86.15	94.23	105.91	7.47	85.47	99.26	110.2
2024-03-18	112.24	8.32	90.35	105.83	118.31	91.94	4.46	84.17	84.87	97.8	103.76	8.21	82.26	97.26	109.43
2024-03-25	112.75	7.32	94.18	106.58	118.35	91.54	3.67	84.23	86.89	94.28	104.77	7.06	86.41	99.79	109.93
2024-04-01	113.94	7.8	93.36	106.65	118.87	93.19	3.35	84.35	86.28	93.44	104.93	7.13	85.45	99.78	109.53
2024-04-08	114.41	8.34	92.27	106.83	119.72	95.34	3.9	84.26	85.45	94.24	105.7	7.79	84.08	99.26	109.6
2024-04-15	111.76	8.32	89.55	104.34	117.43	95.37	3.65	84.26	85.14	93.56	105.55	8.18	83.22	98.91	110.19
2024-04-22	116.17	8.06	93.23	106.94	119.35	94.08	5.14	84.24	86.08	99.88	103.94	7.16	85.59	98.57	109.42
2024-04-29	114.06	7.73	92.86	105.85	118.04	94.75	3.79	84.27	85.25	94	105.43	7.16	86.09	99.13	109.79
2024-05-06	123.85	10.37	93.84	109.32	129.87	93.95	4.18	84.28	85.48	96.22	105.77	7.42	85.89	99.3	110.62
2024-05-13	112.79	7.62	93.07	105.65	118.01	93.91	4.17	84.29	85.35	94.8	104.29	7.3	84.19	98.59	108.88
2024-05-20	118.26	8.52	93.33	106.9	122.68	94.63	5.07	84.36	87.49	98.96	104.82	6.56	86.87	98.85	109.4
2024-05-27	118.07	8.46	94.71	106.38	122.44	95.59	5.38	84.26	85.77	100.46	106.66	7.68	84.74	98.62	110.88
2024-06-03	121.5	9.53	93.79	107.85	127.31	94.43	4.79	84.4	86.98	98.67	104.82	6.81	86.64	99.46	109.38
2024-06-10	124.24	9.42	92.97	104.85	123.1	93.86	4.39	84.26	85.91	96.86	104.49	7.41	85.58	97.81	109.38
2024-06-17	125.2	10.04	91.94	106.42	126.5	95.28	4.67	84.2	85.08	97.4	104.56	7.71	83.11	97	108.87
2024-06-24	120	9.59	91.45	106.67	125.27	96.53	5.33	84.3	85.48	99.36	105.36	8.13	81.88	98.35	109.61
2024-07-01	123.65	9.87	94.11	110.75	127.94	102.85	6.11	84.34	89.85	103.13	110.54	8.75	84.4	99.98	114.06
2024-07-08	119.24	8.46	96.01	109.2	124.66	102.74	4.75	89.92	92.16	103.82	109.64	8.66	84.96	100.5	114.43
2024-07-15	121.48	9.48	96.27	109.93	128.09	101.41	4.4	90.81	93.07	103.64	109.34	8.16	85.9	99.83	113.96
2024-07-22	125.28	9.25	98.9	112.06	129.8	103.37	4.88	91.01	93.39	105.43	110.8	8.43	86.89	102.17	115.48
2024-07-29	126.86	9.55	97.89	111.65	131.49	103.51	5.03	90.96	93.32	105.68	110.49	8.03	87.51	102.54	115.06
2024-08-05	126.82	9.04	97.41	109.93	128.58	103.14	5.09	90.41	92.61	105.31	110.51	8.35	87.53	102.46	115.33
2024-08-12	120.97	8.29	97.33	109.24	124.82	101.76	4.8	90.17	91.59	104.15	109.02	8.14	87.02	100.46	114.12
2024-08-19	127.63	10.14	100	111.39	133.89	100.19	5.03	90.07	91.63	104.46	108.56	7.41	88.22	102.22	113.48
2024-08-26	119.73	7.46	98.42	109.5	122.45	102.08	5.53	90.02	90.83	106.59	110.12	7.97	88.04	101.87	115.08

2024-09-02	118.99	7.4	99.12	108.7	122.35	101.75	4.79	90	90.63	102.92	109.96	7.98	88.45	100.05	114.52
2024-09-09	116.43	7.15	97.37	107.4	120.5	98.54	4.21	90.05	90.68	102.22	105.6	7.02	87.49	98.56	110.37
2024-09-16	127.11	9.93	98.55	110.75	132.78	95.53	3.25	89.96	90.44	98.54	106.81	7.56	87.06	99.71	112.01
2024-09-23	123.14	8.45	97.01	108.03	124.89	98.63	4.66	90.14	90.95	104.75	107.08	6.94	89.17	100.68	112.3
2024-09-30	114.74	7.12	95.04	107.28	119.32	97.14	3.61	89.97	90.49	100.19	106.83	7.74	85.45	99.44	110.85
2024-10-07	120.39	7.98	92.49	105.46	117.6	96.38	4.2	85.14	89.85	95.07	109.94	7.8	84.02	97.53	109.12
2024-10-14	114.64	7.63	95.03	108.19	120.4	94.92	5.54	85.08	86.92	101.64	103.56	7.23	84.68	98.47	108.51
2024-10-21	111.6	7.43	92.82	106.23	117.72	92.99	4.17	85.06	85.87	97.74	103.93	7.68	83.77	97.79	109.72
2024-10-28	112.05	7.11	93.98	106.06	117.95	92.91	4.2	84.95	88.86	96.9	103.57	7.28	84.01	99.18	109.02
2024-11-04	112.7	9.17	88.68	105	119.43	93.89	5.18	84.9	85.56	101.1	104.47	8.9	80.53	97.17	111.47
2024-11-11	114.79	7.58	95.41	107.11	121.59	93.85	4.73	85.06	89.31	99.19	104.88	6.64	87.82	100.3	109.97
2024-11-18	112.69	7.02	95.87	107.17	118.8	92.19	3.76	85.2	89.57	95.28	104.36	5.78	90.47	100.65	109.36
2024-11-25	114.62	8.78	91.36	106.13	120.95	89.52	2.89	84.85	85.94	92.8	102.83	7.24	84.14	98.32	108.88
2024-12-02	116.33	9.54	90.76	106.96	123.38	91.68	4.04	84.83	85.4	96.98	104.34	7.62	84.84	98.71	109.77
2024-12-09	117.53	9.53	92.26	108.43	125.38	90.25	3.73	84.79	85.74	94.82	104.45	7.47	85.07	100.17	109.71
2024-12-16	117.31	9.38	92.27	107.35	125.2	93.3	5.08	84.79	86.55	100.14	104.17	6.91	86.6	99.39	109.78
2024-12-23	112.23	7.05	93.58	105.82	118.12	92.72	4.01	84.89	89.33	96.03	103.61	5.88	88.79	100.65	108.11

Table 16b: Swanson Channel weekly sound pressure levels (SPL) in decibels (dB). Mean (Avg) and standard deviation (Std), Q₅, Q₅₀ and Q₉₅ levels for water turbulence, echosounders and wind are given.

Date	Avg 10- 100 Hz	Std 10- 100 Hz	Q5 10- 100 Hz	Q50 10- 100 Hz	Q95 10- 100 Hz	Avg 49500- 50500 Hz	Std 49500- 50500 Hz	Q5 49500- 50500 Hz	Q50 49500- 50500 Hz	Q95 49500- 50500 Hz	Avg 7500- 8500 Hz	Std 7500- 8500 Hz	Q5 7500- 8500 Hz	Q50 7500- 8500 Hz	Q95 7500- 8500 Hz
2019-01-01	106.8	8.81	83.84	96.58	112.2	98.62	10.16	64.49	64.92	94.68	91.69	9.8	65.98	76.54	96.81
2019-01-08	112.06	9.1	86.34	100.6	115.74	97.38	8.75	64.56	64.97	89.08	93.62	10.47	66.09	78.21	98.1
2019-01-15	107.13	8.86	84.01	98.9	113.67	97.46	7.38	64.55	65.03	85.48	90.48	8.85	66.44	76.58	95
2019-01-22	107.23	8.85	83.4	97.45	112.13	93.11	5.9	64.53	65.07	80.25	88.9	8.39	66.27	77.19	93.03
2019-01-29	106.66	9.9	80.35	96.55	112.87	84.95	5.51	64.51	64.89	78.08	87.52	8.18	66.23	78.53	91.76
2019-02-05	106.98	9.56	81.46	98.4	112.89	91.67	4.7	64.51	65.03	76.5	86.99	7.55	67.08	79.36	91.3
2019-02-12	105.85	10.73	76.99	95.36	112.31	93.13	5.02	64.5	64.75	76.33	87	7.55	66.43	77.34	90.22

2019-02-19	104.79	10.53	77.25	94.04	111.39	86.22	3.91	64.46	64.78	73.27	85.3	7.8	66.21	77.85	90.75
2019-02-26	106.63	10.88	76.69	94.03	112.7	71.46	3.59	64.5	66.12	74.58	84.82	6.88	66.45	79.4	88.4
2019-03-05	108.26	11.31	78.05	95.55	115.08	83.61	3.82	64.49	64.83	75.01	85.66	7.45	66.53	78.7	89.46
2019-03-12	107.68	11.56	76.53	97.55	114.41	93.96	4.52	64.45	64.67	68.54	84.33	7.52	66.04	76.14	89.35
2019-03-19	107.08	12.42	75.33	93.49	113.45	80.79	2.69	64.38	64.6	67.56	83.72	7.13	66.01	75.23	87.82
2019-03-26	108.1	11.15	77.59	95.99	114.44	69.8	3.64	64.41	64.72	75.6	83.83	7.06	67.16	77.58	89.26
2019-04-02	120.28	11.77	80.66	99.5	117.77	83.53	4.53	64.41	65.71	74.72	86.55	7.25	68.01	80.2	91.56
2019-04-09	110.18	12.24	77.32	101.15	117.02	67.93	2.02	64.14	64.52	68.99	84.38	6.51	66.94	78.47	88.24
2019-04-16	106.61	11.93	75.81	95.25	113.56	70.82	2.77	64.04	64.4	71.58	83.16	7.23	66.02	76.29	89.11
2019-04-23	110.93	10.66	80.97	99.66	115.69	72.15	3.32	64.02	64.5	73.16	84.24	6.87	67.32	78.32	89.55
2019-04-30	108.59	11.08	78.82	97.78	115.39	75.15	4.25	64.04	65.55	76.29	84.67	6.87	67.85	79.63	90.06
2019-05-07	108.54	11.53	77.06	97.42	114.91	82.13	2.77	64.01	64.41	70.6	83.89	6.9	66.33	77.03	88.42
2019-05-14															
2019-05-21															
2019-05-28															
2019-06-04															
2019-06-11															
2019-06-18															
2019-06-25															
2019-07-02															
2019-07-09															
2019-07-16															
2019-07-23															
2019-07-30															
2019-08-06															
2019-08-13															
2019-08-20															
2019-08-27															
2019-09-03															
2019-09-10															

2019-09-17															
2019-09-24															
2019-10-01															
2019-10-08															
2019-10-15															
2019-10-22															
2019-10-29															
2019-11-05															
2019-11-12															
2019-11-19															
2019-11-26															
2019-12-03															
2019-12-10															
2019-12-17															
2019-12-24															
2020-01-01	107.65	10.16	79.79	94.44	114.1	71.43	3.74	64.14	69.54	76.7	84.65	5.62	69.28	82.8	89.39
2020-01-08	108.78	10.67	81.04	97.69	115.15	69.23	3.39	64.06	65.86	72.96	84.62	6.26	69.55	79.94	89.55
2020-01-15	108	11.03	78.63	97.56	114.55	67.71	2.82	63.99	65.3	71.56	83.47	6.99	67.07	78.99	88.82
2020-01-22	108.03	10.95	79.58	96.01	114.37	71.43	3.88	64.01	66	75.27	84.3	6.08	69.32	79.41	89.26
2020-01-29	109.61	12.54	76.47	95.16	115.48	71.51	4.22	63.96	66.16	76.03	84.69	6.95	66.16	79.92	89.34
2020-02-05	109.3	11.53	78.22	98.4	115.88	81.67	4.52	63.95	64.92	76.61	84.15	6.94	66.89	79.65	88.98
2020-02-12	108.95	11.84	77.39	96.16	115.64	77.72	3.52	63.93	64.38	71.28	85.38	7.62	65.83	78.6	90.5
2020-02-19	110.46	10.72	81.66	101.37	116.89	82.31	2.86	63.96	64.24	71.48	83.96	6.86	67.91	78.7	89.43
2020-02-26	109.5	10.89	79.99	98.6	116.34	68.14	2.87	63.96	64.34	71.49	83.99	7.29	66.24	77.91	89.74
2020-03-04	111.68	11.48	80.65	102.57	118.36	80.51	3.15	64	64.27	71.75	84.03	7.26	67.24	77.5	89.62
2020-03-11	110.36	10.67	81.59	102.53	116.72	73.44	2.9	63.98	65.09	70.79	84.36	6.64	67.18	79.64	88.99
2020-03-18	108.68	10.87	78.36	100.68	115.53	96.01	4.54	63.95	64.11	69.3	88.59	8.04	66.34	76.53	90.63
2020-03-25															
2020-04-01															
2020-04-08															

2020-04-15															
2020-04-22															
2020-04-29															
2020-05-06															
2020-05-13	115.81	12.31	75.73	95.29	114.42	87.16	4.37	63.5	63.76	72.64	89.4	7.72	65.75	73.35	89.18
2020-05-20	108.43	11.23	78.84	99.16	115.08	74.36	3.6	63.54	63.85	73.23	85.96	7	66.49	76.05	88.66
2020-05-27	109.11	11.09	79.55	99.03	115.8	84.79	3.55	63.57	63.84	69.72	86.59	7.48	66.24	75.3	90.45
2020-06-03	110.22	12.17	76.9	101.49	116.84	93.55	3.72	63.61	64.01	71.71	86.68	7.93	66.04	77.29	91.1
2020-06-10	107.68	11.56	77.49	94.94	114.86	85.77	4.06	63.54	64.02	74.27	86.03	7.69	65.95	75.95	90.39
2020-06-17	109.52	11.69	78.39	99.97	116.52	89.14	4.57	63.57	63.88	72.39	88	7.9	66.49	75.54	91.67
2020-06-24	109.98	11.92	79.04	98.4	117.03	90.2	4.92	63.61	63.98	74.46	89.67	8.41	66.28	76.81	93.3
2020-07-01	110.37	12.16	78.27	100.23	117.72	93.88	5.8	63.66	64.28	77.32	90.32	8.48	66.17	76.8	93.97
2020-07-08	108.15	11.39	77.09	95.88	114.51	88.32	5.37	63.55	63.92	76.21	87.78	8.29	65.97	75.11	91.82
2020-07-15	108.67	10.81	77.26	95.86	113.22	89.64	4.95	63.54	63.86	75.19	87.29	8.28	66.09	74.44	91.7
2020-07-22	108.39	10.91	79.92	99.08	115.39	95.81	5.88	63.54	63.93	77.06	88.87	8.27	66.15	75.11	92.36
2020-07-29	108.84	10.85	78.94	98.54	115.66	90.67	5.98	63.55	63.95	79.11	90.2	8.81	65.92	75.31	93.96
2020-08-05	106.75	10.27	79.21	97.28	113.2	87.8	5.13	63.57	64	76.69	88.82	8.44	66.11	76.05	92.89
2020-08-12	106.93	9.27	82.88	97.13	113.2	90.51	6.18	63.58	64.02	80	89.96	8.66	66.06	74.48	93.79
2020-08-19	109.8	9.88	83.56	100.65	116.94	94.24	6.12	63.61	64.06	80.15	88.22	8.49	66.1	76.7	93.11
2020-08-26	108.1	9.31	83.71	98.75	114.3	92.08	5.13	63.68	64	76.1	89.02	8.51	66.22	74.75	92.78
2020-09-02	107.16	8.88	84.47	98.17	113.5	95.91	6.42	63.64	64.1	80.98	90.52	9.33	66.16	75.4	95.35
2020-09-09	117.93	9.67	81.62	96.97	112.54	92.42	5.76	63.62	64.33	75.29	87.63	7.7	66.26	74.32	91.41
2020-09-16	112.55	10.42	84.6	103	118.62	84.05	3.95	64.59	64.86	73.95	85.72	7.71	66.83	75.37	90.23
2020-09-23	108.62	9.8	81.78	99.02	115.07	72.59	3.81	64.57	65.11	75.59	86.38	7.32	66.96	78.89	90.65
2020-09-30	108.61	9.73	81.39	98.94	113.94	77.92	4.21	64.63	64.95	73.37	87.92	8.09	67.24	77.96	92.23
2020-10-07	107.86	9.53	82.27	99.09	114.25	74.45	4.14	64.77	65.61	75.79	85.36	6.56	68.27	78.39	88.68
2020-10-14	114.36	10.63	85.04	103.79	120.62	91.18	3.41	64.57	65.01	71.93	84.86	7.26	67.68	77.71	89.77
2020-10-21	110	10.75	80.17	98.27	116.14	68.85	2.44	64.67	65.52	70.95	84.8	6.83	67.22	78.37	89.24
2020-10-28	127.18	9.74	83.43	100.47	114.75	93.03	5.32	66.15	66.71	76.46	88.13	7.49	67.85	80.77	90.94
2020-11-04	109.46	10.49	81.75	98.98	116.24	69.86	2.65	66.21	67.94	73.43	84.38	6.12	68.35	81.39	89.34

2020-11-11	115.05	11.37	84.46	102.51	122.35	72.06	3.85	66.21	67.79	77.43	84.68	6.37	69.65	81.28	89.95
2020-11-18	109.76	10.89	80.62	100.24	116.03	70.27	2.76	66.19	67.09	73.47	84.56	6.13	69.13	79.62	89.41
2020-11-25	110.67	10.7	82.01	100.04	117.11	74.26	2.99	66.19	66.76	74.01	84.84	6.84	67.7	79.88	89.43
2020-12-02	110.78	11.91	79.79	100.32	118.03	74.19	2.48	66.16	66.41	71.99	84.55	6.93	67.22	77.49	89.48
2020-12-09	113.28	12.08	80.17	100.8	119.76	75.08	3.73	66.14	66.56	77.18	84.33	7.11	66.8	78.38	89.69
2020-12-16	110.07	9.59	84.01	99.77	115.64	73.14	4.08	66.17	70.21	79.04	85.24	6.03	69.88	82.2	89.79
2020-12-23	109.55	11.34	77.78	98.11	114.61	73.47	3.58	66.09	66.4	75.77	84.8	7.23	66.91	77.84	89.09
2021-01-01	108.48	9.7	81.76	98.32	114.99	80.04	3.79	66.13	68.39	76.73	85.31	6.6	68.24	80.31	90.68
2021-01-08	109.6	10.73	79.94	99.39	115.8	77.78	3.84	66.12	67.35	75.99	85.33	6.87	67.73	79.75	90.28
2021-01-15	108.68	11.08	78.54	98.44	115.04	68.38	1.89	66.06	66.21	69.76	84.66	7.41	66.3	76.18	89
2021-01-22	110.18	10.78	80.99	97.92	115.93	81.49	3.09	66.1	67.01	73.69	84.37	6.35	67.71	79.85	88.76
2021-01-29	110.47	11.39	80.67	98.1	116.84	72.06	3.48	66.11	67.03	76.06	83.84	6.21	68.56	78.22	88.65
2021-02-05	121.62	9.77	83.96	101.08	115.41	69.82	2.34	66.17	66.74	72.07	83.98	6.16	68.49	78.29	88.7
2021-02-12	108.5	11.09	78.97	96.78	114.99	71.49	2.89	66.24	67.65	74.01	82.96	6.09	66.81	78.54	87.18
2021-02-19	110.04	9.71	84.67	100.17	115.98	71.66	2.75	66.24	68.22	73.12	84.82	5.53	71	81.39	89.35
2021-02-26	110.37	10.71	82.24	102.14	116.41	70.09	2.53	65.99	66.64	72.45	85.07	6.96	66.75	79.71	89.69
2021-03-05	109.96	10.52	82.16	100.15	116.7	72.66	2.51	66.07	66.73	72.35	85.34	6.56	68.85	79.2	89.86
2021-03-12	110	11.03	80.13	99.92	116.94	77.33	3.13	65.99	66.22	71.85	85.93	7.97	66.34	77.64	91.18
2021-03-19	108.48	10.31	80.8	97.58	115.41	77.41	3.94	65.95	68.23	73.94	84.85	6.36	67.14	80.9	88.44
2021-03-26	111.05	10.65	81.85	101.7	116.75	89.9	3.84	65.83	66.28	72.91	87.5	7.87	66.35	80.04	91.39
2021-04-02	110.23	10.42	82.01	98.44	116.16	74.58	2.79	65.88	66.19	71.46	85.36	7.4	67.01	79.25	90.74
2021-04-09	108.93	10.14	82.31	98.22	115	91.22	3.35	65.88	66.28	71.88	84.57	6.84	67.19	77.95	88.92
2021-04-16	109.56	11.31	78.54	98.34	116.05	85.95	3.93	65.84	66.01	72.85	87.81	8.58	65.62	76.96	92.15
2021-04-23	114.76	12.68	79.3	100.29	121.42	94.92	3.93	65.89	66.21	73.8	84.77	7.2	66.22	75.67	88.81
2021-04-30	111.46	11.46	80.26	101.43	117.7	80.58	3.71	65.87	66.05	72.61	86.29	7.68	66.41	77.09	91.09
2021-05-07	109.41	11.47	78.04	97.29	115.98	81.29	3.16	65.92	66.11	71.67	85.91	7.62	65.65	77.18	89.67
2021-05-14	111.85	10.68	80.38	98.75	115.98	97.43	4.2	65.94	66.24	74.77	88.07	7.79	65.94	77.22	91.05
2021-05-21	118.32	13.33	79.92	100.52	125.26	87.89	4.26	65.87	66.23	74.71	86.61	7.46	66.12	75.83	90.58
2021-05-28	113.38	11.19	80.65	101.03	119.13	76.3	2.97	65.76	65.94	71.71	86.57	8.1	65.65	77.68	91.41
2021-06-04	117.24	10.17	82.14	99.05	115.62	96.36	5.15	65.94	66.58	76.48	87.47	7.46	66.81	78.95	91.35

2021-06-11	112.35	11.62	80.57	101.05	119.04	74.61	3.47	66.07	66.27	74.98	86.86	8.14	66.14	77.79	91.65
2021-06-18	112.79	11.26	81.21	100.33	118.32	89.91	5.41	66.11	66.37	79.1	88.08	8.27	66.52	77.37	93.1
2021-06-25	122.15	13.85	84.02	106.46	129.98	91.67	5.01	66.15	66.52	78.1	89.16	8.36	66.25	78.86	93.58
2021-07-02	111.28	9.45	82.42	98.68	114.03	96.72	5.41	66.09	66.44	79.5	89.39	8.42	66.41	76.24	93.24
2021-07-09	120.23	13.06	82.52	101.57	126.24	88.72	5.1	66.12	66.44	77.94	88.46	7.82	66.92	76.28	92.74
2021-07-16	120.9	13.19	83.06	101.04	127.6	87.66	4.77	66.14	66.48	76.95	88.22	7.97	66.28	76.02	91.46
2021-07-23	126.95	16.19	81.25	103.98	134.92	94.25	5.59	66.18	66.48	80.2	89.4	8.87	66.43	78.27	94.49
2021-07-30	107.2	9.27	81.16	96.67	111.85	92.47	6.09	66.19	66.55	83.11	90.23	8.46	66.56	75.8	93.72
2021-08-06	115.98	11.11	84.09	101.1	121.02	90.93	6.07	66.21	66.59	82.1	88.4	8.23	66.28	76.77	93.18
2021-08-13	111.91	9.85	84.78	98.22	116.47	93.66	5.89	66.25	66.75	82.29	89.46	8.43	67.01	76.91	94.7
2021-08-20	119.34	12.52	85.99	104.23	126.02	93.38	4.97	66.24	66.59	79.64	89.52	8.76	66.67	77.99	94.85
2021-08-27	110.87	9.19	82.61	95.89	112.88	87.23	5.12	66.23	66.55	79.25	88.49	8.32	66.63	75.83	93.11
2021-09-03	112.1	10.7	83.65	98.43	118.45	90.83	6.06	66.19	66.49	81.58	89.97	9.24	66.17	76.33	95.05
2021-09-10	116.45	10.81	84.24	99.5	119.89	92.97	5.32	66.23	66.55	79.61	88.19	8.39	66.71	78.02	92.69
2021-09-17	115.48	10.74	84.28	99.39	118.93	90.92	4.61	66.23	66.77	77.87	86.44	7.67	66.93	79.34	91.22
2021-09-24	106.73	9.34	82.04	95.8	113.21	79.03	4.31	66.29	67.65	78.51	86.16	7.07	67.18	80.94	90.77
2021-10-01	113.55	10.34	81.03	94.59	113.42	84.59	3.48	66.22	66.6	74.81	86.16	7.82	66.32	77.89	91.2
2021-10-08	114.66	12.64	78.08	97.11	119.25	87.79	4.82	66.38	67.09	74.03	86.16	7.52	67.47	79.77	92.03
2021-10-15	108.57	10.28	80.46	98.67	114.62	71.09	3.2	66.29	66.78	74.83	84.81	7.63	66.54	78.66	90.87
2021-10-22	107.51	9.68	82.58	99.39	114.52	74.5	3.21	66.42	69.34	75.91	86.11	6.36	69.9	82.17	90.68
2021-10-29	107.08	10.68	78.33	98.22	113.12	73.05	3.77	66.32	66.95	76.92	85.62	6.83	68.04	79.19	89.69
2021-11-05	110.24	9.99	83.16	100.7	116.75	71.25	2.8	66.44	69.63	74.59	85.09	5.02	72.43	81.87	89.65
2021-11-12	108.95	11.06	79.13	99.11	115.76	75.57	5.43	66.29	67.18	81.94	86.86	7.17	69.03	80.5	92.71
2021-11-19	110.83	11.98	78.3	99.75	117.84	71.12	2.99	66.27	66.79	74.94	83.78	6.51	67.32	79.14	88.5
2021-11-26	109.48	11.79	77.29	94.15	116.26	71.5	3.54	66.27	68.41	77.15	83.47	6.12	68.53	79.84	88.86
2021-12-03	111.73	12.13	79.71	102.39	118.54	69.86	2.67	66.21	66.95	73.53	84.51	6.19	68.7	79.33	89.2
2021-12-10	109.37	10.8	80.52	98.24	115.88	73.73	3.21	66.22	70.04	75.39	85.6	6.26	68.92	82.82	89.62
2021-12-17	111.41	11.37	80.98	100.04	117.24	71.17	3.48	66.16	66.57	75.74	85.42	7	68.68	80.26	90.55
2021-12-24	108.21	11.5	78.98	94.99	114.8	69.43	2.02	66.17	66.72	72.09	83.64	6.52	68.35	78.57	88.77
2022-01-01	112.85	11.51	81.25	98.05	119.56	71.36	3.36	66.2	69.31	76.12	85.02	6	70.31	82.33	89.26

2022-01-08	109.86	11.99	77.61	97.58	115.69	71.29	3.59	66.2	66.7	77.2	85.77	7.74	66.56	79.54	90.78
2022-01-15	110	11.74	78.34	100.8	116.46	70.36	2.95	66.24	66.4	74.41	85.5	7.72	66.55	77.85	90.18
2022-01-22	111.97	13.34	74.33	100.14	118.34	69.43	1.88	66.18	66.33	68.31	85.19	8.01	65.8	76.42	90.12
2022-01-29	115.62	11.87	84.3	107.09	122.23	72.19	3.26	66.13	66.36	75.07	85.77	7.41	67.97	79.69	91.12
2022-02-05	110.71	7.16	92.86	107.89	115.76	66.46	0.41	66.03	66.3	67.23	81.76	7.14	66.46	74.12	88.33
2022-02-12	112.34	12.22	79.35	102.31	119.39	73.23	2.33	66.08	66.28	70.23	84.93	7.36	67.12	78.37	90.46
2022-02-19	113.72	11.62	82.24	101.46	119.84	70.8	2.5	66.11	66.54	72.1	86.38	7.23	67.11	80.17	90.95
2022-02-26	118.63	13.68	80.62	104.78	126.2	73.95	3.6	66.1	66.38	76.09	85.87	7.31	67.53	79.28	90.77
2022-03-05	114.95	12.26	80.36	101.91	121.04	70.82	2.39	66.12	66.52	71.22	86.35	7.38	66.82	79.11	91.2
2022-03-12	113.71	11.66	77.61	97.19	114.92	74.36	3.64	65.8	66.28	76.09	86.56	7.61	67.05	77.87	90.92
2022-03-19	108.79	10.92	79.08	96.88	114.97	70.74	3	65.77	66.23	73.97	85.66	7.43	66.71	80.12	91.08
2022-03-26	108.12	10.44	80.6	99.62	114.51	95.12	3.48	65.8	66.05	74.39	85.96	7.85	67.54	78.98	92.17
2022-04-02	108.62	9.84	82.19	99.79	114.63	72.45	3.64	65.82	67.64	75.52	86.04	7.08	67.22	82.8	91.23
2022-04-09	108.39	10.64	79.52	96.14	114.52	79.37	3.31	65.8	66.5	73.84	85.07	7	67.62	79.9	90.14
2022-04-16	113.73	11.47	82.94	103.11	120.66	71.9	2.94	65.76	66.59	72.98	86.73	7.03	68.17	81.69	91.85
2022-04-23	107.81	10.91	79.33	96.94	114.05	72.07	2.66	65.78	65.93	70.88	85.16	7.69	66.4	78.14	90.43
2022-04-30	115.97	13.7	78.35	102.38	123.6	78.99	3.89	65.83	66.1	75.97	86.04	7.69	66.32	79.6	91.48
2022-05-07	108.51	9.95	81.72	96.91	114.13	79.4	3.46	65.86	66.59	72.59	86.27	7.3	67.72	80.95	91.24
2022-05-14	114.66	11.79	82	101.79	121.83	81.49	4.22	65.84	66.39	76.63	86.58	7.43	66.93	80.79	91.46
2022-05-21	109.39	11.55	78.27	98.71	115.98	89.68	5.59	65.83	66.02	79.71	89.66	9.17	66.1	80.43	94.18
2022-05-28	115.06	13.29	77.86	101.31	122.26	92.65	4.74	65.85	66.07	76	88.22	8.7	66.01	79.24	92.82
2022-06-04	109.07	10.53	78.52	98.19	113.43	80.77	4.78	65.86	66.14	77.86	86.96	8.13	66.22	77.52	92.04
2022-06-11	118.7	14.14	79.79	102.77	126.38	88.13	4.77	65.9	66.44	77.11	88.05	7.8	67.71	80.47	92.62
2022-06-18	114.99	12.54	78.43	97.3	120.34	88.44	5.08	65.91	66.18	77.78	87.13	8.18	66.79	78.48	92.62
2022-06-25	113.03	11.83	79.18	98.63	118.55	95.54	6.16	65.93	66.2	81.96	87.72	8.49	66.13	76.56	92.79
2022-07-02	113.04	10.94	81.51	98.95	117.13	98.16	7.46	61.45	62.47	81.33	89.68	8.78	66.19	77.44	93.48
2022-07-09	121.69	13.76	82.83	105.98	128.37	89.2	6.74	61.47	61.85	79.74	89.58	9.35	65.97	77.79	94.79
2022-07-16	122.4	13.49	85.54	103.61	130.07	89.62	7.11	61.49	61.85	81.12	89.9	9.21	66.02	78.71	94.69
2022-07-23	119.97	12.46	86.98	104.62	127.84	93.59	7.21	61.49	61.79	81.72	89.98	9.53	65.89	74.78	94.98
2022-07-30	119.32	12.98	82.06	102.08	126.9	90.85	6.76	61.46	61.83	79.89	90.93	9.39	65.69	75.76	95.06

2022-08-06	126.52	15.15	84.8	107.22	134.46	89.1	6.95	61.48	61.84	80.89	89.71	9.32	65.74	76.04	94.35
2022-08-13	127.63	15.72	84.67	105.29	135.21	94.92	7.22	61.51	61.86	80.67	90.33	9.76	65.92	77.58	96.06
2022-08-20	121.81	13.14	83.45	102.1	128.44	90.91	6.49	61.55	61.92	78.83	90.13	8.97	66.02	75.42	94.27
2022-08-27	123.15	12.48	85.68	102.13	127.48	87.1	6.03	61.54	61.91	77.62	88.47	8.76	66.01	75.62	93.25
2022-09-03	127.03	14.08	86.98	103.86	132.24	90.64	6.05	61.56	62.01	77.04	89.54	8.75	66.31	77.31	94.32
2022-09-10	126.1	13.21	86.41	105.5	130.16	93.66	5.51	61.58	61.92	75.33	86.51	7.86	66.33	76.49	91.25
2022-09-17	114.2	11.6	81.46	99.41	119.4	86.1	4.02	61.59	61.96	68.95	85.65	6.87	66.34	74.71	87.76
2022-09-24	122.36	13.49	85	105.27	129.33	74.06	3.63	61.52	61.8	68.17	84.15	7.49	65.97	74.41	89.04
2022-10-01	119.93	13.41	81.78	102.76	126.48	71	3.58	61.55	61.77	67.84	85.34	7.71	65.98	75.84	89.55
2022-10-08	122.45	13.88	83.85	106.17	129.01	66.76	2.58	61.54	61.76	65.15	84.7	7.8	66.15	75.66	90.05
2022-10-15	121.58	12.18	78.97	98.2	118.28	92.18	6.26	61.62	64.87	71.03	83.83	6.94	66.16	73.16	87.55
2022-10-22	114.86	11.02	84.42	103.41	121.62	78.27	3.87	64.8	66.53	76.11	84.21	6.65	67.38	78.32	88.83
2022-10-29	114.12	10.23	85.47	106.29	120.36	70.53	3.83	64.81	65.87	76.09	84.85	6.21	69.72	79.23	89.34
2022-11-05	117.34	9.59	91.57	107.38	122.86	80.44	2.61	64.72	65.65	71.41	84.23	6.53	68.96	79.09	89.65
2022-11-12	113.42	9.21	89.39	105.72	119.19	69.17	1.71	64.74	65.23	68.08	83.28	6.37	68.3	77.49	88.73
2022-11-19	118.68	10.71	90.02	106.03	124.8	69.38	2.88	64.65	64.97	72.91	84.24	7.37	66.93	77.23	89.51
2022-11-26	109.82	10.43	81.97	101.22	116.31	67.93	2.57	64.69	65.45	71.38	84.95	6.7	69.5	79.96	90.29
2022-12-03	109.79	10.39	82.19	101.2	116.03	68.14	2.36	64.63	65.05	71.12	84.25	7.16	67.24	77.29	89.3
2022-12-10	110.25	10.55	82.21	98.94	116.59	68.69	2.45	64.61	65.24	71.25	84.14	7	67.82	78.97	89.23
2022-12-17	109.52	10.02	83.83	98.97	115.81	71.21	3.79	64.63	65.43	73.65	84.81	6.78	69.16	78.37	90.39
2022-12-24	111.13	11.76	77.82	93.85	115.09	70.98	4.01	64.66	66.86	76.6	84.24	6.36	68.96	79.66	89.7
2023-01-01	109.94	10.35	81.6	97.94	114.46	71.24	2.4	64.6	65.22	70.33	85.2	7.19	66.92	78.22	89.49
2023-01-08	109.22	10.76	81.16	97.89	115.46	72.88	3.52	64.63	65.8	74.26	83.32	6.25	68.56	77.66	88.52
2023-01-15	110.63	11.48	79.77	97.43	116.7	80.18	2.92	64.6	65.27	71.42	84.98	6.72	68.1	78.86	89.63
2023-01-22	109.32	11.85	79.25	96.67	115.76	71.14	2.85	64.58	64.86	71.64	83.41	6.79	66.97	76.44	88.65
2023-01-29	110.65	11.45	79.53	99.99	117.37	69.25	2.37	64.58	64.9	70.62	83.23	7.18	66.7	76.81	89
2023-02-05	109.99	10.5	80.77	99.25	115.65	70.41	2.73	64.58	65.93	72.05	84.58	6.63	67.44	78.61	88.6
2023-02-12	109.46	10.8	81.13	99.52	115.82	67.78	2.31	64.55	65.16	70.34	85.22	7.09	66.88	78.57	90.71
2023-02-19	110.58	9.69	85.48	100.98	116.52	73.51	2.99	64.58	65.44	71	83.9	6.44	67.34	79.43	88.64
2023-02-26	110.49	10.01	84.52	99.23	117.26	68.92	2.47	64.63	67.18	71.23	84.1	6.03	69.02	80.37	88.83

2023-03-05	118.49	10.9	80.39	100.29	116.56	80.99	4.94	61.41	64.93	71.45	84.16	6.38	67.93	79.38	88.67
2023-03-12	109.35	9.65	83.86	98.94	115.21	77.13	5.61	61.37	61.86	73.69	83.95	6.91	67.02	78.26	89.68
2023-03-19	107.84	10.09	80.95	99.32	114.2	73.64	3.08	61.4	61.84	68.11	84.52	6.95	66.75	77.84	89.2
2023-03-26	108.92	9.93	82	98.19	114.68	74.71	3.21	61.4	61.89	66.69	84.16	6.87	67.29	78.37	89.42
2023-04-02	107.03	10.2	80.27	97.22	113.52	68.6	3.3	61.38	62.08	68.81	84.46	7.04	66.88	78.73	89.22
2023-04-09	108.04	8.71	85.89	98.91	114.3	73.91	3.08	61.33	61.91	68.48	84.19	7.11	66.41	79.78	89.78
2023-04-16	107.5	8.97	85.09	97.57	113.8	74.07	3.53	61.37	64.79	68.47	85.44	6.66	66.98	81.67	89.84
2023-04-23	108.27	10.5	81.53	97.3	115.09	68.33	3.02	61.33	61.53	69.12	85.21	7.8	65.97	77.04	90.18
2023-04-30	109.17	10.02	81.64	98.58	114.99	79.44	3.83	61.41	61.82	70.15	86.1	7.3	67.07	78.81	90.9
2023-05-07	113.14	10.91	82.51	101.52	118.75	80.63	3.09	61.39	61.59	66.04	86.11	8.29	65.89	76.97	91
2023-05-14	116.43	11.74	82.37	101.44	121.3	86.15	5.73	61.42	61.75	75.47	88.27	8.52	66.48	79.62	93.29
2023-05-21	115.99	11.5	81.98	101.83	119.54	87.87	5.78	61.4	61.68	76.41	88.68	8.62	66.08	79.07	93.82
2023-05-28	115.96	11.77	80.74	97.52	119.19	89.86	5.16	61.44	61.88	73.54	86.96	7.36	66.38	74.74	89.46
2023-06-04	127.06	14.6	84.13	105.1	133.78	80.05	4.92	61.49	62.46	73.91	87.09	7.05	67.66	79.58	91.92
2023-06-11	114.96	10.25	82.28	99.7	115.57	83.48	4.61	61.42	61.71	72.1	85.68	7.65	66.04	74.42	90.05
2023-06-18	119.14	11.58	85.16	102.57	123.56	85.18	5.14	61.42	61.81	73.29	87.66	7.63	66.63	76.66	91.4
2023-06-25	110.44	10.02	81.79	98.33	114.49	86.12	6.03	61.42	61.87	77.52	89.28	8.29	66.37	76.11	92.7
2023-07-02	132.34	17.17	82.97	106.81	139.8	91.77	7.13	61.48	63.11	81.95	93.66	9.72	67.03	83.1	98.98
2023-07-09	115.22	9.49	88.06	103.1	118.97	94.38	7.09	62.5	63.78	82.72	94.53	8.88	70.66	83.17	99.67
2023-07-16	126.97	12.71	88.61	106.99	132.41	92.1	7.35	62.61	64.2	83.57	94.32	9.02	70.03	83.74	100.06
2023-07-23	113.39	9.74	86.29	101.53	118.05	87.94	7.26	62.75	65	84.2	94.96	9.35	70.14	83.26	100.2
2023-07-30	129.54	13.8	88.84	110.87	135.23	88.65	7.54	62.87	64.77	85.01	95.51	9.47	70.46	85.97	101.29
2023-08-06	123.94	11.08	87.48	105.17	124.07	93.83	7.58	62.84	64.6	84.54	96.82	9.67	70.63	84.25	101.41
2023-08-13	130.21	13.35	86.92	108.42	131.9	91.64	7.56	62.81	64.65	84.7	93.8	8.96	69.93	81.31	98.8
2023-08-20	119.48	10.72	87.42	104	121.06	89.46	7.37	62.85	64.82	84.16	93.21	8.42	70.62	80.98	97.91
2023-08-27	135.69	16.54	90.82	115.78	143.24	89.85	6.31	62.94	65.44	81.58	94.96	8.85	70.66	83.51	99.33
2023-09-03	125.77	12.79	87.97	107.2	132.13	84.57	6.62	62.77	64.29	81.88	94.98	8.92	69.97	82.35	98.82
2023-09-10	125.04	12.09	88.3	107.12	128.7	85.02	5.58	62.97	65.58	78.26	92.74	8.87	69.49	80.68	97.34
2023-09-17	121.05	10.79	89.42	106.92	124.01	75.88	4.91	62.73	64.4	75.7	89.9	7.62	69.91	81.63	94.07
2023-09-24	127.48	12.3	89.71	110.4	131.43	72.7	3.71	62.77	64.83	73.11	88.47	6.51	72.11	82.27	93.2

2023-10-01	124.94	13.08	85.75	107.84	130.47	80.12	4.49	62.66	63.65	73.72	89.36	7.34	71.33	83.36	94.78
2023-10-08	116.14	11.07	84.63	105.13	119.81	76.33	3.91	62.67	63.88	71.89	88.87	7.51	69.55	81.58	94.07
2023-10-15	114.09	10.6	81.03	98.29	115.24	80.72	4.45	62.97	63.29	74.5	83.21	7.05	66.33	74.79	88.16
2023-10-22	109.85	10.84	80.45	100.39	116.56	67.63	3.21	63.04	63.36	72.47	84.99	7.7	66.12	75.94	89.41
2023-10-29	115.96	12.58	81.02	102.82	124.1	68.3	3.5	63.09	63.52	73.79	82.87	6.52	67.5	77	88.28
2023-11-05	106.42	10.61	78.28	96.48	113.14	68.57	3.01	63.01	63.76	71.13	83.48	6.98	66.46	77.39	88.97
2023-11-12	112.57	10.65	82.4	101.78	118.9	69.09	2.56	62.96	63.27	68.3	83.29	6.98	66.42	76.28	88.72
2023-11-19	117.62	12.19	80.01	101.37	121.26	66.38	2.54	62.99	63.48	69.65	83.92	6.87	67.02	77.9	89.21
2023-11-26	120.54	13.67	81.08	103.15	127.41	73.75	3.08	62.94	63.25	70.25	83.91	7.21	66.8	76.62	88.98
2023-12-03	113.16	12.38	78.92	99.94	117.76	69.81	3.7	62.93	63.49	74.1	83.66	6.91	66.77	77.08	89.54
2023-12-10	118.52	12.76	79.99	102.63	123.54	71.58	2.92	62.88	63.18	70.23	84.91	7.44	66.98	76.84	90.14
2023-12-17	118.28	13.3	78.38	100.91	121.74	66.7	2.25	62.85	63.2	68.84	83.56	7.47	65.8	75.92	89.24
2023-12-24	119.15	13.19	80	98.7	125.54	68.52	2.72	62.88	63.68	69.27	84.73	6.92	68.11	79.11	89.2
2024-01-01	108.44	11.33	78.38	96.27	113.63	69.04	3.12	62.83	63.72	70.56	84.16	7.11	65.72	78.5	88.19
2024-01-08	123.31	13.39	82.26	101.3	128.86	67.93	3.21	62.92	64.57	72.4	83.42	5.88	68.88	79.66	88.34
2024-01-15	109.92	11.15	80.54	98.64	116.38	67.11	3.15	62.79	63.08	71.63	81.49	6.74	66.18	74.86	87.66
2024-01-22	110.92	11.43	80.63	99.34	118.05	79.58	4.36	62.82	63.74	75.11	82.91	6.36	67.37	76.75	88.13
2024-01-29	109.94	11.38	79.79	99.02	116.34	71.58	2.33	62.77	62.99	68.51	82.49	6.98	66	74.37	87.98
2024-02-05	112.63	12	79.75	102.32	119.29	66.23	2.75	62.8	63.04	71.12	82.52	6.8	66.42	76.46	88.25
2024-02-12	111.62	11.17	79.82	97.51	115.16	68.86	2.03	62.82	63.8	67.42	83.38	6.12	67.56	77.69	87.94
2024-02-19	115.91	11.56	81.93	101.93	119.98	84.51	3.32	62.85	63.2	71.49	84.18	7.16	66.95	76.73	89.3
2024-02-26	109.21	9.89	83.67	98.2	115.29	69.34	2.86	63.76	67.83	72.38	85.49	5.34	71.22	82.98	89.36
2024-03-04	108.56	10.82	78.9	97.66	115.23	66.88	2.55	63.62	63.99	70.12	84.65	7.54	67.05	77.52	89.34
2024-03-11	109.97	10.52	81.54	97	114.85	74.08	2.94	63.66	64.4	70.07	86.44	7.33	66.75	79.64	90.66
2024-03-18	110.41	11.72	78.96	99.79	117.02	75.83	3.77	63.59	63.86	72.75	84.85	7.74	66.25	76.83	90.6
2024-03-25	110.73	10.33	83.48	99.45	116.38	83.34	3.51	63.61	64.75	70.05	85.94	6.98	67.91	80.65	91.26
2024-04-01	112.36	11.23	81.62	100.49	117.41	74.55	2.76	63.74	64.47	69.8	86.74	7.04	67.62	80.18	91.19
2024-04-08	112.91	11.37	81.72	101.78	118.35	75.55	2.94	63.69	64.22	70.22	87.87	7.51	66.42	78.82	90.42
2024-04-15	109.23	11.41	78.63	95.82	115.07	77.85	3.78	63.68	64.04	69.48	87.73	7.69	66.82	78.76	91.3
2024-04-22	115.56	11.62	80.5	101.74	118.29	83.22	3.63	63.66	64.3	73.85	85.15	7.13	67.01	78.14	90.59

2024-04-29	112.66	11.08	81.04	98.86	116.1	83.51	3.84	63.67	64.09	70.09	87.26	7.41	67.43	78.79	91.51
2024-05-06	123.7	13.79	82.49	105.78	129.8	79.28	3.65	63.72	64.1	70.88	87.8	8.02	66.55	79.83	92.88
2024-05-13	111.1	10.98	80.69	98.8	116.36	84.69	4.11	63.72	64.18	70.75	86.22	7.46	66.86	78.19	90.77
2024-05-20	117.76	11.64	83.05	101.34	121.83	79.02	4.8	63.77	65.21	75.46	86.83	7.06	67.64	79.57	91.53
2024-05-27	117.45	11.41	84.01	100.17	121.35	76.29	4.5	63.69	64.12	75.2	88.34	8.11	66.53	79	93.36
2024-06-03	121.29	12.38	84.6	103.08	127.15	83.93	4.3	63.77	64.83	74.4	87.56	7.53	67.41	80.73	92.58
2024-06-10	124.13	12.26	82.4	97.96	122.19	82.13	4.71	63.67	64.46	74.27	87.23	7.69	67.37	78.16	92.04
2024-06-17	125.11	12.4	83.39	101.63	125.97	87.85	4.93	63.64	63.99	75	87.63	8.19	66.15	76.58	92.4
2024-06-24	119.63	12.55	81.61	100.22	124.69	90.66	5.68	63.72	64.12	76.34	88.37	8.44	66.43	78.47	93.1
2024-07-01	122.25	12.14	85.85	106.96	127.22	97.74	7.4	63.77	68.5	85.49	92.49	9.47	67.68	79.39	97.21
2024-07-08	118.08	10.82	86.75	103.29	123	96.53	6.25	68.56	70.11	86.79	92.84	8.77	69.98	79.32	96.99
2024-07-15	120.81	12.03	86.44	105.09	127.4	92.62	5.79	68.96	70.69	85.73	92.25	8.5	70.12	79.28	97.02
2024-07-22	124.95	11.42	91.23	106.87	128.93	88.2	5.98	69.06	70.79	86.4	94.04	9.09	70.48	81.79	98.6
2024-07-29	126.62	12.03	88.29	107.21	130.88	95.22	6.25	69.08	71.13	86.64	93.67	8.92	70.68	81.64	98.51
2024-08-05	126.61	11.45	88.12	102.75	127.51	95.26	6.98	68.77	70.01	88.35	93.71	9.25	70.24	82.19	98.68
2024-08-12	120.3	10.14	89.12	104.38	123.4	91.46	5.6	68.72	69.58	83.42	92.76	8.65	70.39	79.9	97.33
2024-08-19	127.51	12.84	91.95	106.82	133.83	89.38	5.48	68.65	69.49	82.46	91.58	8.34	70.46	82.91	97.27
2024-08-26	118.69	9.45	89.29	102.85	118.87	85.59	6.05	68.71	69.18	85.27	93.66	9.02	70.16	81.37	98.54
2024-09-02	117.72	9.46	90.09	102.63	119.56	90.64	5.9	68.67	69.13	84.78	93.06	8.71	70.34	79.12	96.65
2024-09-09	115.45	9.9	87.01	101.55	118.96	90.27	4.48	68.73	69.26	80.22	87.97	7.15	70.24	77.45	92.44
2024-09-16	127.02	12.66	89.42	106.96	132.76	79.34	3.79	68.66	69.03	76.29	88.87	7.72	70.15	78.7	94.15
2024-09-23	122.89	10.94	86.85	101.95	123.73	84.01	4.25	68.84	69.39	80.64	88.45	6.68	71.39	80.42	93.14
2024-09-30	112.86	9.34	85.74	102.01	116.81	84.06	3.64	68.7	69.13	77.45	89.51	7.55	70.11	79.25	93.05
2024-10-07	119.3	10.04	83.55	100.51	115.3	86.76	3.95	66.04	67.69	72.25	87.28	7.16	67.33	76.52	89.77
2024-10-14	113.7	10.3	85.97	104.48	119.74	76.48	4.33	65.97	66.83	78.57	84.74	7.28	67	78.81	90.77
2024-10-21	109.59	9.91	83.12	101.63	116.43	74.24	3.11	65.94	66.32	74.55	85.14	7.29	67.24	77.55	90.1
2024-10-28	110.17	10.17	83.44	100.09	116.8	70.87	3.1	65.82	67.87	74.37	84.41	6.84	66.69	80.42	89.24
2024-11-04	110.84	12.42	77.62	97.85	117.94	70.78	3.58	65.79	66.16	76.42	84.43	7.8	66.01	76.83	90.6
2024-11-11	113.71	10.94	83.77	101.22	120.84	71.74	3.39	65.85	68.14	75.25	85.59	6.44	69.8	80.96	90.76
2024-11-18	110.72	10.67	83.38	100.84	117.33	71.34	2.85	65.9	68.69	73.04	84.44	5.53	71.37	81.26	89.36

2024-11-25	113.82	12.45	79.86	100.73	120.14	70.21	2.34	65.71	66.22	70.73	83.36	6.84	66.52	77.14	88.67
2024-12-02	115.6	13.45	78.68	100.86	123.15	76.15	3.15	65.67	65.96	73.73	84.86	7.25	67.29	77.48	90.46
2024-12-09	117.03	13.09	82.07	103.57	125.21	69.59	2.65	65.68	66.03	72.74	84.91	7.65	66.39	80.04	90.03
2024-12-16	116.81	13.28	80.33	101.76	125.08	71.95	3.89	65.62	66.39	77.14	84.15	6.59	67.83	79.28	90.11
2024-12-23	110.74	10.74	81.15	97.74	116.94	71.82	3.01	65.71	68.57	73.58	84.31	6.1	68.99	81.19	88.69

Table 16c: Swanson Channel weekly sound pressure levels (SPL) in decibels (dB). Mean (Avg) and standard deviation (Std), Q₅, Q₅₀ and Q₉₅ levels for rain and commercial vessels are given.

Date	Avg 19500- 20500 Hz	Std 19500- 20500 Hz	Q5 19500- 20500 Hz	Q50 19500- 20500 Hz	Q95 19500- 20500 Hz	Avg 57- 71 Hz	Std 57- 71 Hz	Q5 57- 71 Hz	Q50 57- 71 Hz	Q95 57- 71 Hz	Avg 113-141 Hz	Std 113- 141 Hz	Q5 113- 141 Hz	Q50 113- 141 Hz	Q95 113- 141Hz
2019-01-01	84.57	8.71	64.28	66.57	89.72	100.62	9.81	74.13	88.73	105.63	98.78	7.64	78.56	91.12	103.71
2019-01-08	86.57	8.8	64.44	67.08	89.76	102.73	9.65	77.39	92.33	108.47	101.87	7.11	82.03	92.46	104.83
2019-01-15	83.11	7.44	64.41	67.19	86.85	100.98	9.85	74.18	90.54	107.36	98.59	7.46	79.14	91.33	103.9
2019-01-22	82.38	8.09	64.35	67.88	87.62	101.03	10.04	73.45	89.46	105.89	98.62	7.62	79	91.02	103.87
2019-01-29	82.03	8.33	64.32	68	88.15	100.71	11.3	69.41	88.68	106.75	97.57	8.31	75.76	89.95	103.36
2019-02-05	80	6.35	64.41	67.84	83.74	100.89	10.59	71.15	89.96	106.2	96.9	8.2	75.21	88.89	101.96
2019-02-12	79.5	6.49	64.33	66.36	84.49	99.63	11.87	66.83	87.36	105.36	96.9	9.27	71.19	87.46	102.03
2019-02-19	76.8	5.85	64.28	66.6	81.99	98.45	11.63	67.75	86.47	104.73	95.48	9.56	70.3	87.22	102.24
2019-02-26	79.67	6.88	64.31	71.24	85.45	100.52	11.7	67.69	86.74	106.71	96.26	9.04	71.43	87.99	101.84
2019-03-05	78.95	6.52	64.31	66.8	84.58	101.66	11.98	68.87	87.51	107.7	97.62	9.95	70.81	87.63	104.02
2019-03-12	73.86	4.2	64.2	65.82	76.1	101.43	12.23	67.31	89.54	107.74	97.5	10.5	70.1	88.38	104.37
2019-03-19	75.21	4.12	64.08	65.61	75.22	101.7	13.73	65.28	85.46	106.72	96.74	11.4	67.1	85.29	103.19
2019-03-26	78.95	7.05	64.24	66.95	86.7	102.55	12.16	68.03	88.31	108.47	96.61	9.52	71.45	87.48	102.82
2019-04-02	77.97	6.12	64.25	69.22	83.01	110.69	12.29	71.75	91.95	110.86	111	9.96	74.87	90.39	106.27
2019-04-09	75.06	4.38	64.79	67.3	76.57	101.78	12.36	67.37	91.02	108.31	97.7	10.31	70.31	87.39	104.7
2019-04-16	76.53	5.85	64.44	66.74	83.48	100.2	12.73	66.48	86.47	107.13	98.01	10.89	69.18	86.62	104.64
2019-04-23	76.96	6.04	64.54	67.94	83.16	106.13	11.54	71.02	90.94	109.16	98.19	9.94	71.48	87.94	103.84
2019-04-30	81.15	8.05	64.58	71.57	88.77	102.27	11.95	69.83	89.66	108.97	98.04	9.73	72.55	89.45	104.66
2019-05-07	75.97	5.46	64.43	67.71	81.02	101.47	12.2	67.72	89	107.5	98.16	11.23	68.61	86.72	104.98

2019-05-14
2019-05-21
2019-05-28
2019-06-04
2019-06-11
2019-06-18
2019-06-25
2019-07-02
2019-07-09
2019-07-16
2019-07-23
2019-07-30
2019-08-06
2019-08-13
2019-08-20
2019-08-27
2019-09-03
2019-09-10
2019-09-17
2019-09-24
2019-10-01
2019-10-08
2019-10-15
2019-10-22
2019-10-29
2019-11-05
2019-11-12
2019-11-19
2019-11-26
2019-12-03

2019-12-10															
2019-12-17															
2019-12-24															
2020-01-01	80.76	6.35	64.98	76.81	87.64	101.29	10.72	70.98	86.77	107.51	96.52	7.97	75.07	89.03	102.57
2020-01-08	77.7	6.24	64.77	71.49	82.72	101.46	11.02	72.65	89.18	107.68	97.48	8.49	75.59	89.42	103.52
2020-01-15	75.1	5.75	64.4	69.27	80.42	102.21	11.71	69.48	89.18	108.34	96.91	9.11	73.85	88.87	103.61
2020-01-22	79.01	6.7	64.63	71.75	85.01	101.11	11.77	69.69	87.1	107.4	97.52	9.1	74.12	88.21	103.72
2020-01-29	80	7.46	64.27	72.01	86.56	103.44	13.55	66.24	87.26	108.94	99.32	10.87	69.03	88.23	105.5
2020-02-05	81.11	8.24	64.34	70.48	88.74	102.92	12.57	67.61	90.04	109.67	98.53	10.23	69.36	88.63	104.92
2020-02-12	76.54	5.72	64.2	67.52	79.93	102.36	12.86	66.93	87.18	108.93	97.69	10.41	68.24	87.94	103.36
2020-02-19	74.72	5.36	64.44	67.05	80.18	103.26	11.3	71.33	91.35	108.79	99.88	9.81	73.2	90.19	106.43
2020-02-26	75.85	5.86	64.27	67.32	81.18	103.45	12.18	70.24	89.44	109.84	98.71	10.1	72.1	89.83	104.86
2020-03-04	75.84	5.62	64.5	66.46	80.69	102.86	11.71	69.89	91.65	109.02	99.33	10.11	72.7	89.99	105.98
2020-03-11	75.26	5.2	64.45	70.02	79.22	103.49	11.52	70.34	90.73	108.69	99.54	9.78	72.07	88.67	104.74
2020-03-18	78.69	4.88	64.25	65.25	76.9	101.58	11.77	68.51	89.58	108.15	97.8	10.23	70.75	88.95	104.07
2020-03-25															
2020-04-01															
2020-04-08															
2020-04-15															
2020-04-22															
2020-04-29															
2020-05-06															
2020-05-13	94.11	7.22	64.38	65.61	85.15	105.69	13.42	65.79	86.52	107.41	100.79	11.39	67.22	85.89	103.35
2020-05-20	79.84	6.54	64.6	66.62	85.12	101.54	12.43	67.88	88.95	107.99	97.99	10.04	71.64	89.77	104.34
2020-05-27	78.8	5.71	64.56	65.97	81.56	102.47	12.6	68.73	89.98	108.94	97.46	10.23	70.65	88.6	103.64
2020-06-03	78.69	6.23	64.61	67.53	82.77	100.41	12.09	67.14	90.15	107.16	97.93	10.23	69.19	88.03	103.48
2020-06-10	80.38	7.27	64.5	67.62	86.43	101.05	12.92	66.72	84.79	107.99	97.57	10.49	68.9	87.47	103.14
2020-06-17	80.85	6.28	64.61	66.51	83.1	101.67	12.51	68.07	89.28	108.3	97.47	9.85	71.21	88.67	103.3
2020-06-24	82.11	6.7	64.67	67.32	84.73	102.62	12.73	68.71	88.44	109.56	98.47	10.05	71.19	88.2	104.73
2020-07-01	82.87	8	64.72	68.96	88.67	97.95	11.03	67.33	88.29	104.24	96.94	9.68	69.94	88.2	103.02

2020-07-08	80.91	7.35	64.52	66.84	86.33	100.27	11.94	66.57	87.29	104.7	98.03	9.8	69.98	87.91	102.81
2020-07-15	78.99	6.05	64.57	66.1	82.89	101.35	11.49	67.16	86.96	105.35	96.84	9.54	70.45	87.23	102.73
2020-07-22	81.36	6.29	64.53	66.71	83.39	99.81	11.67	68.06	88.81	106.2	100.18	9.98	71.78	88.64	104.3
2020-07-29	83.54	6.94	64.56	66.84	85.27	100.24	11.05	68.1	88.72	104.98	97.45	9.06	72.38	88.68	102.37
2020-08-05	82.05	7.61	64.56	67.07	87.93	98.62	10.81	69.04	88.09	104.81	96.58	8.72	74.27	88.84	102.35
2020-08-12	82.35	6.65	64.6	66.55	84.83	99.69	10.16	71.6	87.79	105.37	96.76	7.77	76.05	89.3	101.58
2020-08-19	81.94	7.62	64.6	67.52	86.91	100.22	9.82	72.7	90.38	105.85	99.07	7.94	77.1	91.47	103.39
2020-08-26	81.01	6.7	64.7	66.27	85.07	99.96	9.91	72.73	89.3	105.94	98.89	7.92	77.94	90.77	104.03
2020-09-02	82.68	7.43	64.63	66.78	86.82	99.98	9.72	74.01	89.77	105.62	97.85	7.58	78.11	90.88	103.07
2020-09-09	79.86	5.93	64.63	67.23	83.46	108.76	10.88	70.6	88.71	105.52	108.36	8.45	76.02	89.63	103.85
2020-09-16	79.66	5.94	66.09	67.36	84.51	101.02	9.92	73.87	92.4	106.92	97.17	8.25	75.95	90.07	103.32
2020-09-23	81.79	7.04	66.08	70.01	86.95	100.94	10.53	72.04	89.42	107.07	99.13	8.77	74.36	89.66	103.83
2020-09-30	80.57	5.63	66.23	67.95	82.6	100.26	10.68	70.85	90.37	106.37	99.99	9.74	71.5	89.07	104.33
2020-10-07	81.44	7.07	66.53	70.19	87.06	99.81	10	73.02	91.07	106.06	98.83	8.75	75.1	89.8	104.58
2020-10-14	79.04	6.05	66.23	67.87	82.7	102.64	10.13	74.59	93.43	108.54	102.93	9.57	76.23	91.61	108.21
2020-10-21	76.76	5.19	66.26	69.19	81.46	99.29	10.86	70.68	89.49	105.9	97.55	9.35	73.41	88.36	104.01
2020-10-28	81.05	6.91	66.36	69.75	84.85	117	10.34	73.15	91.98	106.88	117.05	9.83	73.09	91.25	105.33
2020-11-04	77.23	5.43	66.31	73.23	82.17	102.46	11.11	72.14	90.8	108.36	97.97	8.77	75.3	90.06	104.44
2020-11-11	79.82	6.59	66.41	73.1	86.55	103.93	11.28	73.64	93.83	110.36	98.4	8.83	75.11	91.03	104.56
2020-11-18	77.76	5.64	66.34	71.17	83.39	102.64	11.74	71.21	91.46	108.91	99.31	9.6	74.26	90.27	105.43
2020-11-25	77.86	5.89	66.26	70.13	83.24	102.82	11.37	71.9	91.77	109.4	98.72	9.49	73.16	90.09	104.59
2020-12-02	76.52	4.91	66.17	68.06	80.62	102.46	12.3	69.89	91.62	108.88	98.61	10.33	71.84	88.49	105.07
2020-12-09	80.25	7.04	66.11	68.77	88.68	103.39	12.3	70.24	92.22	110.07	98.81	10.16	70.38	89.78	104.19
2020-12-16	81.75	6.72	66.41	76.84	87.75	102.24	9.84	75.03	91.35	107.61	97.67	7.81	78.04	91.08	103.59
2020-12-23	78.52	6.2	66.06	68.23	85.26	102.84	12.21	68.28	88.91	107.6	97.15	10.33	69.54	88.2	103.11
2021-01-01	80.56	6.83	66.11	74.18	86.21	101.53	10.55	71.58	90.22	107.86	97.89	8.97	74.11	90.48	103.57
2021-01-08	79.55	6.53	66.09	72.04	85.28	103.45	11.64	70.24	89.7	108.99	99.56	9.99	71.91	90.63	104.79
2021-01-15	76.49	4.77	65.91	67.08	79.05	101.46	11.89	68.81	89.41	107.25	99.78	10.66	70.62	89.47	105.41
2021-01-22	78.07	5.9	66.06	70.97	82.92	103.96	11.37	71.85	89.88	108.92	99.29	9.11	74.77	90.18	104.98
2021-01-29	80.29	6.75	66.25	71.36	87.26	103.18	12.02	70.73	89.36	108.97	99.2	9.6	73.71	89.18	104.64

2021-02-05	76.02	4.7	66.16	69.63	79.6	113.9	10.85	73.83	91.34	108.29	107.98	8.93	76.57	90.43	105.15
2021-02-12	77.85	5.78	66	71.32	85.03	101.09	11.91	68.96	87.82	107.5	98.78	9.88	71.56	88.46	104.11
2021-02-19	77.43	5.26	66.46	73.49	82.01	103.97	10.54	75.66	92.13	109.37	100.43	7.48	80.06	91.96	104.58
2021-02-26	76.29	5.13	65.72	70.05	80.15	104.01	11.77	71.7	92.4	109.76	99.16	9.74	72.31	90.45	105.21
2021-03-05	76.37	5.03	66.06	70.13	80.86	103.16	11.6	72.02	90.43	109.77	98.24	9.12	75.66	90.31	104.44
2021-03-12	76.9	5.16	65.78	67.18	80.34	104.04	12.55	69.64	90.59	110.73	98.47	10.49	70.08	89.69	104.86
2021-03-19	78.03	5.61	65.74	73.56	81.66	101.66	11.41	70.4	88.62	108.47	97.27	8.57	73.45	90.27	103.01
2021-03-26	80.56	6.09	65.5	69.53	81.47	103.98	11.87	71.42	91.68	109.7	98.52	9.78	71.45	90.16	104.57
2021-04-02	76.2	5.25	65.56	68.57	80.37	103.38	11.69	71.3	88.67	109.46	97.6	9.15	73.49	89.08	103.49
2021-04-09	76.27	4.96	65.61	68.39	79.8	100.8	11.31	71.18	87.85	107.18	97.6	9.28	72.61	88.27	103.25
2021-04-16	79.96	5.76	65.44	66.3	81.8	102.35	12.4	68.16	89.38	108.35	98.29	10.39	69.94	88.5	104.74
2021-04-23	79.72	6.79	65.54	68.15	85.34	102.23	12.31	68.74	89.05	108.32	98.07	10.58	69.01	86.54	103.3
2021-04-30	79.99	6.01	65.5	67.11	83.47	102.5	11.94	70.12	92.26	108.94	98.13	9.93	71.84	90.08	104.24
2021-05-07	79.36	5.57	65.48	67.29	81.16	101.8	12.49	68.44	87.83	108.62	97.94	10.72	68.29	88.47	104.76
2021-05-14	82.22	6.23	65.51	68.13	83.8	101.71	11.16	71.65	88.97	108.08	97.4	9.66	72.01	88.83	103.92
2021-05-21	80.91	6.44	65.57	68.38	85.01	103.2	12.14	70.45	91.38	108.94	96.76	9.81	71.08	87.98	102.86
2021-05-28	79.03	5.83	65.44	67.45	82.86	103.99	11.45	70.47	92.19	109.38	98.57	9.49	72.77	89.5	103.47
2021-06-04	79.57	6.18	65.99	70.03	84.53	108.53	10.43	72.88	88.96	107.42	105.61	8.91	74.01	89.11	103.81
2021-06-11	80.35	6.8	65.99	68.02	86.35	101.47	11.59	70.75	90.43	108.13	98.5	10.64	68.86	87.35	104.9
2021-06-18	80.8	6.17	66.05	68.05	84.37	100.77	11.19	70.72	90.28	107.15	98.42	9.81	72.28	89.06	104.42
2021-06-25	82.5	6.43	66.11	69.88	85.44	104.67	11.55	74.5	96.36	111.77	100.04	9.93	72.94	91.62	105.85
2021-07-02	82.45	6.6	65.98	68.14	85.32	97.84	8.98	73.31	89.42	103.43	97.52	8.91	73.3	89.08	102.64
2021-07-09	81.66	6.05	66.12	68.55	84.78	99.72	10.13	72.3	90.77	106.32	96.48	9.07	72.04	88.31	102.07
2021-07-16	81.3	6.01	66.11	68.31	83.59	99.23	9.96	71.6	90.08	105.09	96.99	9.24	71.8	87.58	102.85
2021-07-23	82.75	6.95	66.18	68.62	86.49	102.26	11.58	70.75	92.55	109.54	97.27	8.91	73.14	90.6	102.74
2021-07-30	84.16	6.63	66.23	68.04	86.03	97.07	9.47	70.66	87.28	102.4	96.75	7.97	76.16	89.61	102.29
2021-08-06	82.51	6.85	66.22	68.54	87.14	99.48	9.31	73.83	90.55	105.19	97.57	7.97	77.18	90.59	103.59
2021-08-13	82.52	6.85	66.33	68.93	87.16	98	8.63	74.49	87.93	102.96	97.51	7.59	77.12	89.98	102.69
2021-08-20	82.22	7.04	66.3	68.96	87.47	98.63	8.7	75.17	90.06	104.46	97.35	7.24	78.87	90.43	102.57
2021-08-27	82.23	6.66	66.24	68.17	86.71	98.33	9.41	71.96	86.44	103.41	97.42	7.48	78.16	89.7	102.19

2021-09-03	84.19	7.39	66.15	67.79	87.72	98.25	9.48	72.98	87.81	103.87	98.05	7.49	78.73	89.6	103.01
2021-09-10	82.69	7.05	66.25	68.45	87.32	99.28	9.66	73.72	89.03	105.18	97.83	7.71	78.06	90.49	103.45
2021-09-17	81.89	7.55	66.27	70.25	88.2	98.8	9.52	73.05	89.79	104.64	97.82	7.82	77.53	91.01	103.71
2021-09-24	81.48	6.92	66.37	72.72	87.82	98.93	9.98	72.45	87.3	105.47	97.26	8.24	76.25	89.33	103.42
2021-10-01	79.66	5.93	66.19	68.83	84.42	99.11	10.93	70.29	85.6	105.12	97.93	9.65	71.27	87.68	103.33
2021-10-08	79.12	5.6	66.25	70.45	83.87	104.92	12.22	68.46	88.68	108.12	101.18	9.14	72.66	87.54	101.41
2021-10-15	79.06	6.45	66.06	69.46	85.01	101.79	11.36	69.43	89.55	107.58	97.06	9.65	70.63	89.17	103.36
2021-10-22	80	5.57	66.81	75.66	85.44	99.99	10.62	70.71	91.03	106.55	95.92	8.29	74.24	90.55	101.18
2021-10-29	80.9	7.2	66.17	70.07	87.49	99.59	11.56	68.36	89.83	105.65	97.89	9.61	72.31	88.86	103.53
2021-11-05	78.34	4.94	67.12	75.51	83.04	101.78	10.32	72.81	90.85	107.62	98.24	7.98	76.18	90.72	103.15
2021-11-12	85.07	8.99	66.19	71.54	92.25	102.31	11.82	68.96	89.21	108.39	98.15	9.11	74.14	89.14	104.12
2021-11-19	78.56	6.06	66.08	69.64	85.57	101.1	12.15	67.71	88.57	107.08	98.35	9.84	71.68	88.01	104.37
2021-11-26	80.04	6.68	66.2	73.64	87.13	99.83	11.48	67.82	83.83	105.68	95.4	8.69	71.77	85.65	100.72
2021-12-03	77.53	5.59	66.23	70.99	84.41	101.31	11.45	69.21	86.41	106.12	97.76	9.53	72.65	85.93	103
2021-12-10	79.73	5.94	66.1	76.43	85.11	102.19	11.31	70.16	88.55	108.61	98.12	8.84	73.74	90.59	103.89
2021-12-17	78.9	6.68	66.06	69.55	84.94	102.61	12.21	70.18	89.28	108.4	99.25	9.85	73.56	90.37	104.52
2021-12-24	74.34	4.57	65.96	68.85	79.71	99.79	11.51	68.29	82.14	106.08	96.91	8.82	71.64	85.14	101.85
2022-01-01	79.33	6.27	66.35	74.89	85.14	102.22	10.46	70.36	86.42	105.77	98.62	8.37	74.32	88.54	102.47
2022-01-08	80.92	7.24	65.74	70.02	88.16	103.53	13.37	67.21	86.49	109.34	99.79	10.86	69.64	88.27	104.84
2022-01-15	78.59	6.55	65.77	67.26	86	102.48	13.01	66.9	85.58	108.02	99.33	11.12	68.95	87.75	105.21
2022-01-22	74.34	4.15	65.66	66.84	76.54	103.34	13.49	63.85	85.64	107.79	98.59	11.92	64.84	87	104.6
2022-01-29	78.78	6.34	65.91	68.55	84.96	103.66	11.84	70.98	90.52	109.92	99.69	10.07	72.61	90.07	106.08
2022-02-05	70.09	3.07	65.57	67.55	73.64	101.98	8.86	80.78	95.97	107.63	98.48	8.27	79.58	93.65	104.77
2022-02-12	75.44	4.78	65.8	67.88	79.49	102.03	12.45	67.78	88.98	108.5	99.17	10.63	70.83	88.4	105.32
2022-02-19	77.88	5.2	65.96	69.43	80.23	101.63	11.5	69.7	88.87	108.41	99.58	9.6	72.85	89.58	105.13
2022-02-26	80.76	6.95	66.01	68.88	86.78	102.77	12.33	67.87	88.75	108.97	96.46	9.76	70.65	88.3	102.88
2022-03-05	77.13	5.07	65.88	69.37	81.15	103.61	12.53	68.68	90.15	108.94	98.64	10.09	71.38	89.99	104.7
2022-03-12	82.05	7.39	66.02	68.01	88.03	105.55	13.16	66.43	86.79	107.86	104.46	10.58	69.31	87.51	103.02
2022-03-19	78.85	6.36	66.17	70.36	83.88	102.09	12.56	67.25	87.92	108.05	100.01	10.59	69.34	89.6	105.01
2022-03-26	79.28	6.49	66.32	68.67	86.71	101.14	12.04	69.15	89.74	108.21	99.24	10.07	71.9	90.39	105.55

2022-04-02	80.81	6.99	66.31	74.72	87.11	101.18	10.99	69.59	90.04	107.41	100.39	9.3	73.96	91.54	105.49
2022-04-09	78.92	5.97	66.36	71.3	84.67	101.32	11.99	68.93	86.74	107.23	98.48	9.83	73.09	88.88	105.03
2022-04-16	79.1	5.91	66.25	72	82.98	102.45	11.14	71.69	90.99	107.7	98.11	9.04	73.65	89.78	104.24
2022-04-23	77.93	5.45	66.18	67.69	82.22	99.52	11.99	68.48	86.44	106.21	98.54	10.44	70.93	87.8	105.51
2022-04-30	80.87	7.39	66.24	69.96	87.14	101.85	12.13	66.93	90.26	106.96	99.59	10.38	70.11	89.89	105.63
2022-05-07	78.9	6.01	66.38	71.66	82.4	100.85	11.09	70.83	87.3	106.73	97.81	8.55	75.07	90.63	103.91
2022-05-14	81.44	6.91	66.29	71.2	87.28	102.63	11.05	70.74	90.6	107.64	97.79	9.02	73.87	90.13	103.96
2022-05-21	84.04	7.78	66.23	69.16	89.73	102	12.55	66.99	87.88	108.62	98.97	10.67	68.9	89.03	105.14
2022-05-28	82.28	6.86	66.26	69.08	86.98	100.7	11.89	66.65	88.93	106.83	98.22	10.13	69.38	88.26	104.24
2022-06-04	82.34	7.64	66.27	69.05	88.28	98.04	10.8	67.73	88.73	103.46	98.16	9.55	72.59	89.98	103.88
2022-06-11	81.38	6.26	66.48	71.46	85.38	100.46	11.17	69.36	91.2	105.85	97.84	8.97	73.59	90.03	103.57
2022-06-18	80.63	6.15	66.43	69.02	84.54	99.29	11.07	68.38	88.04	103.88	97.4	9.48	71.69	88.88	103.2
2022-06-25	81.57	6.43	66.4	68.48	85.55	96.59	9.93	69.49	87.29	102.12	97.49	8.96	72.3	88.38	102.47
2022-07-02	84.56	7.47	65.77	68.91	87.62	100.38	10.02	71.74	88.72	103.5	102.51	9.65	70.98	89.07	102.94
2022-07-09	83.24	7.35	65.79	68.26	87	103.81	11.27	71.56	94.11	109.48	98.41	9.5	71.97	90.72	104.36
2022-07-16	84	7.48	65.84	68.46	87.39	104.65	10.98	74.99	92.76	111.07	98.79	8.31	77.09	91.41	104.32
2022-07-23	84.06	7.43	65.82	67.07	87.62	100.94	9.64	75.61	92.15	106.47	97.83	8.24	76.94	90.68	102.82
2022-07-30	85.67	7.5	65.74	68.09	88.05	101.26	10.58	71.54	91.29	107.23	98.1	8.78	74.72	89.8	103.56
2022-08-06	83.33	7.18	65.77	67.75	86.67	103.87	10.98	73.38	93.59	110.25	98.12	8.72	74.76	90.44	103.61
2022-08-13	84.15	7.82	65.82	68.03	88.6	105.25	11.6	74.13	93.83	112.07	99.09	8.19	77.85	91.62	104.53
2022-08-20	84.26	6.95	65.93	67.73	86.43	103.38	10.61	72.7	90.76	108.87	98.78	8.14	75.76	89.84	102.89
2022-08-27	81.95	6.77	65.9	67.51	86.23	101.58	9.86	74.97	91.43	107	97.95	7.74	78.04	90.28	103.44
2022-09-03	83.88	7.06	65.95	69.29	86.82	100.43	9.07	77.13	90.83	106.65	97.58	7.42	78.66	88.84	103.04
2022-09-10	80.83	6.41	66	68.09	85.35	103.63	10.15	76.22	93.24	109.89	98.21	7.95	77.86	90.42	103.51
2022-09-17	80.49	5.11	66.02	67.82	80.48	100.12	10.21	71.09	88.17	103.9	97.59	8.12	76.81	89.06	103.26
2022-09-24	76.91	5.15	65.87	66.94	80.94	100.84	10.27	72.71	90.41	106.52	96.84	8.46	74.67	88.45	102.52
2022-10-01	77.26	4.94	65.89	67.03	80.15	100.09	10.75	70.51	89.17	106.08	97.16	9.72	71.13	87.13	103.48
2022-10-08	76.39	4.85	65.92	66.94	79.84	99.97	10.14	72.25	91.98	105.75	97.08	9.45	70.97	89.05	102.9
2022-10-15	76.48	4.96	65.27	66.53	79.53	116.43	12.89	67.61	87.82	108.11	104.34	10.65	68.94	86.25	102.75
2022-10-22	80.38	7.2	65.4	72.29	87.32	102.54	11.1	71.15	92.18	107.98	98.37	9.33	71.72	88.65	102.88

2022-10-29	80.46	7.15	65.65	70.55	87.97	104.95	10.7	75.27	96.19	111.48	98.79	8.3	77.53	90.61	104.29
2022-11-05	75.35	5.25	65.51	69.4	80.61	105.32	9.05	82.73	96.06	111.84	97.6	8.27	76.79	89.06	104.06
2022-11-12	72.42	3.59	65.48	67.95	75.56	105.42	9.8	79.46	96.55	110.82	99.13	9.54	73.34	89.99	103.89
2022-11-19	76.45	5.51	65.2	66.98	83.36	106.17	10.28	79.68	95.85	112.38	98.6	9.73	73.25	89.55	104.54
2022-11-26	75.66	5.46	65.5	69.69	80.94	103.2	12.08	70.54	91.31	109.66	98.73	9.67	73.71	90.49	103.98
2022-12-03	76.19	5.55	65.29	68.14	81.23	103.25	12.07	70.6	90.73	109.06	98.25	9.96	72.05	89.2	104.26
2022-12-10	74.88	5.12	65.26	68.91	80.28	103.87	12.51	68.89	89.87	110.01	98.06	10.02	70.97	90.28	103.82
2022-12-17	77.29	5.46	65.43	68.41	81.04	102.29	10.9	73.69	89.56	108.71	96.79	8.09	76.4	88.96	102.87
2022-12-24	80.72	7.23	65.58	73.2	87.31	99.29	12	66.75	84.46	105.38	96.85	9.7	68.95	85.24	101.81
2023-01-01	75.73	5.02	65.07	68.43	79.42	103.59	12.09	69.38	88.48	107.93	98.46	9.94	70.25	89.05	103.89
2023-01-08	79.5	7.1	65.26	70.96	86.63	102.98	12.13	70.21	89.09	109.09	98.87	9.35	73.53	88.77	104.48
2023-01-15	77.09	5.64	65.17	69.27	81.07	103.31	12.55	67.9	88.58	108.8	98.84	9.69	71.96	89.62	104.73
2023-01-22	75.66	5.32	65.06	66.69	81.77	102.07	13.01	67.75	87.12	108.2	99.09	11.12	69.4	87.11	105.19
2023-01-29	75.32	5.43	65.09	66.8	80.72	103.39	12.81	67.8	90.7	109.61	98.12	10.22	70.24	88.75	104.13
2023-02-05	78.23	5.76	65.21	71.33	82.15	102.51	11.63	68.9	89.31	108.41	99.59	9.34	72.02	88.89	103.62
2023-02-12	75.94	5.31	65.11	69.62	80.12	102.53	12.27	69.25	89.86	109.14	98.85	9.72	72.49	89.06	104.98
2023-02-19	75.07	4.92	65.24	69.92	79.37	104.16	11.06	74.62	91.37	109.73	97.87	8.8	73.2	89.95	103.83
2023-02-26	76.06	5.02	65.4	72.63	80.54	103.18	11.44	73.45	89.7	110.08	98.16	8.72	74.55	89.54	104.16
2023-03-05	75.66	5.17	65.29	70.47	79.92	108.5	12.38	67.8	90.42	109.16	103.78	9.56	73.19	89.12	103.95
2023-03-12	77.17	5.79	65.86	68.82	84.59	103.47	11.77	70.73	89.22	109.39	99.58	9.08	74.45	90.3	104.95
2023-03-19	77.42	5.72	65.84	68.82	82.04	101.41	11.74	68.6	89.33	107.21	97.26	9.31	72.4	88.67	103.72
2023-03-26	75.03	4.69	65.82	68.9	79.28	102.04	11.84	69.59	88.5	107.74	99.07	9.49	73.93	90.69	105.24
2023-04-02	78.29	6.12	65.82	70.25	83.06	99.6	11.91	67.8	86.74	105.71	97.4	9.79	71.99	88.93	103.82
2023-04-09	76.79	5.82	65.68	70.3	81.9	101.16	11.1	70.9	88.54	107.49	99.15	9.24	73	91.7	105.23
2023-04-16	79.45	5.88	65.72	75.67	82.74	100.63	10.68	72.18	88.87	106.95	98.72	8.26	76.93	91.04	104.22
2023-04-23	79.05	5.96	65.61	67.01	83.9	101.79	12.32	68.84	88.66	108.35	97.22	9.67	72.21	89.83	103.74
2023-04-30	78.15	5.92	65.81	69.23	83.56	100.57	11.19	69.87	89.16	107.19	98.32	9.13	74.23	89.82	104.19
2023-05-07	77.29	5.07	65.7	66.84	79.89	101.71	11.67	70.05	90.84	107.58	97.9	9.67	71.79	89	103.78
2023-05-14	81.02	6.28	65.78	68.53	84.15	101.56	11.79	69.58	90.82	107.88	98.13	9.46	71.98	90.54	103.25
2023-05-21	82.22	6.98	65.75	67.86	86.17	102.17	12.07	69.4	90.97	109.11	98.53	9.74	71.8	90.14	104.58

2023-05-28	81.65	5.79	65.82	68.04	82.54	100.57	11.65	69.73	87.98	107.03	96.77	9.15	72.94	88.32	103.02
2023-06-04	81.25	6.65	65.98	71.61	87.22	105.32	11.79	72.87	94.8	112.3	98.49	8.41	76.78	90.52	104.14
2023-06-11	79.33	5.88	65.82	67.14	83.52	98.27	9.82	71.32	88.38	104.07	95.61	8.69	73.58	87.39	102.07
2023-06-18	81.27	6.12	65.88	68.86	83.78	100.37	9.83	73.89	92.03	106.48	97.29	7.97	76.18	90.15	103.09
2023-06-25	82.99	6.55	65.83	68.58	85.06	98.22	10.13	70.76	89.01	104.12	96.69	8.52	74.01	89.33	102.62
2023-07-02	85.08	7.82	65.97	72.48	89.66	108.07	12.61	71.42	93.8	113.06	103.07	9.8	72.21	91.13	105.19
2023-07-09	85.47	7.52	66.84	72.41	89.62	101.7	8.46	77.91	91.76	106.25	100.81	8.65	75.8	90.38	104.79
2023-07-16	85.31	7.68	66.92	72.3	90.05	105.13	9.93	78.09	95.67	110.63	101.85	9.06	76.16	93.62	106.81
2023-07-23	87.68	8.35	67.08	72.81	92.28	104.41	10.33	76.21	92.24	109.07	101.48	8.43	78.54	93.12	106.53
2023-07-30	87.23	8.2	67.22	73.51	91.67	104.87	9.53	78.24	96.16	110.16	101.15	8	79.53	93.14	106.18
2023-08-06	88.65	8.35	67.1	71.77	91.91	103.55	10.36	74.84	91.67	109.02	101.54	8.36	78.66	93.07	106.48
2023-08-13	85.76	7.48	67.02	70.35	89.36	103.81	10.18	74.49	92.25	108.66	100.47	8.41	78.55	92.37	106.35
2023-08-20	85.18	7.08	67.13	70.81	88.34	101.41	9.71	76.28	90.49	107.12	100.84	7.93	80.77	92.16	106.69
2023-08-27	86.95	7.6	67.28	73.33	89.8	105.1	9.86	78.45	94.56	111	100.27	7.53	81.35	92.97	106.04
2023-09-03	86.92	7.53	67.04	70.49	89.76	102.54	9.8	76.31	92.78	108.44	101.88	7.73	80.4	92.98	105.86
2023-09-10	84.27	6.91	67.03	70.17	87.77	102.94	9.85	76.16	92.99	108.17	101.01	8.3	79.1	92.55	106.44
2023-09-17	80.79	5.86	66.89	70.44	84.27	103.2	9.75	77.57	92.61	109.59	100.34	7.99	80.21	91.69	106.29
2023-09-24	81	6.22	67.09	71.68	86.55	103.56	9.11	78.35	95.32	108.91	100.5	8.39	78.28	92.93	106.07
2023-10-01	79.95	5.98	67.01	70.37	85.36	103.99	10.39	75.17	95.14	108.63	100.1	8.73	77.26	91.97	105.71
2023-10-08	79.91	6.1	66.8	69.91	85.48	104.31	10.61	73.79	90.98	108.43	101.29	9.73	73.88	90.25	105.54
2023-10-15	78.67	7.38	63.3	64.87	86.24	106.1	11.07	70.24	86.18	105.6	97.77	10.48	68.3	85.26	102.32
2023-10-22	76.45	6.14	63.32	64.72	81.91	99.82	10.58	70.33	89.88	104.55	96.11	9.91	69.5	86.53	101.87
2023-10-29	76.61	6.57	63.5	65.52	84.17	102.04	11.24	69.97	90.45	106.67	96.42	9.68	70.65	86.52	102.53
2023-11-05	75.86	6.34	63.35	67.33	82	99.59	11.69	67.15	84.91	105.87	96.21	10.03	68.88	85.74	102.18
2023-11-12	72.75	4.92	63.25	64.98	78.73	100.51	10.99	69.52	90.5	106.22	96.93	10.06	69.49	88.98	102.68
2023-11-19	74.75	5.39	63.4	66.27	79.62	102.02	11.7	68.31	89.68	107.19	98.49	10.23	70.51	88.79	104.03
2023-11-26	73.99	5.61	63.28	65.11	79.84	103.07	12.31	68.57	88.47	109.22	97.27	10.76	68.98	86.85	103.68
2023-12-03	77.42	6.86	63.3	66.53	85.19	102.05	13.36	67.32	88.06	108.79	98.11	10.7	69.73	87.28	104
2023-12-10	76.03	5.85	63.21	64.81	80.38	100.59	11.92	68.27	87.82	106.75	98.26	10.74	69.94	88.12	104.91
2023-12-17	74.8	5.52	63.06	65.2	80.36	101.55	13.33	66.25	85.97	107.3	98.58	11.78	66.91	86.49	104.49

2023-12-24	74.19	5.58	63.3	68	78.26	101.29	11.23	68.12	85.82	105.51	97.89	9.93	70.66	88.06	102.44
2024-01-01	75.45	6.15	63.04	68.13	80.64	100.95	12.6	66.62	86.22	106.46	96.45	10.17	66.92	87.18	102.03
2024-01-08	76.08	6.07	63.49	70.2	82.58	101.88	11.32	70.86	89.84	108.08	96.96	8.85	71.76	89.5	102.93
2024-01-15	76.41	6.43	63.06	64.67	84.27	100.64	11.73	68.85	87.35	107.21	97.21	9.83	70.35	86.56	103.26
2024-01-22	80.05	8.38	63.22	68.1	87.66	102.12	12.12	69.88	87.69	107.97	96.99	9.85	71.74	86.82	102.97
2024-01-29	73.86	5.39	62.95	64.11	79.68	103.79	12.99	68.17	90.07	109.76	98.4	10.66	69.98	88.48	104.74
2024-02-05	75.37	6.25	63.01	64.92	83.59	102.68	12.51	68.79	90.17	108.38	99.06	10.87	70.38	88.97	105.53
2024-02-12	74.92	4.47	63.13	67.64	76.6	104.14	12.5	68.81	88.49	108.33	99.04	10.32	70.76	88.09	104.71
2024-02-19	75.69	6.1	63.2	65.15	81.8	105.52	11.88	70.55	90.47	109.14	102.8	10.19	71.67	89.15	105.37
2024-02-26	78.16	4.93	66.1	75.82	82.25	103.53	11.05	73.86	90.6	109.86	100.26	7.34	79.56	92.45	104.55
2024-03-04	75.62	5.62	65.13	67.31	80.31	102.07	12.16	69.01	88.81	108.46	98.25	9.5	73.25	89.51	104.11
2024-03-11	78.78	5.59	65.14	69.65	80.56	103.69	11.67	71.1	88.27	108.93	99.15	8.95	75.28	89.63	104.45
2024-03-18	77.83	6.38	65.06	66.71	84.46	103.51	12.45	69.79	91.15	109.63	98.18	9.13	73.78	90.61	103.78
2024-03-25	76.13	5.21	65.12	71.01	80.24	103.86	11.24	73.36	90.07	109.56	99.14	8.27	78.42	91.75	105.41
2024-04-01	78.8	4.97	65.24	69.75	79.41	104.5	11.45	72.1	91.32	108.83	99.22	8.37	77.8	91.35	104.7
2024-04-08	81.22	5.75	65.06	68.23	80.72	101.61	11.29	71.83	90.74	107.77	99.35	9.3	74.36	90.76	104.85
2024-04-15	80.74	5.24	65.1	67.36	79.64	101.21	12.13	68.29	86.88	107.26	97.24	9.67	72.11	88.17	103.53
2024-04-22	79.84	7.18	65.13	69.69	86.79	102.57	11.05	70.96	90.92	107.57	96.96	8.54	74.44	89.91	102.9
2024-04-29	79.8	5.4	65.13	67.75	80.26	101.63	11.1	71.27	89.63	107.48	97.93	8.61	75.35	90.31	103.79
2024-05-06	79.73	5.91	65.12	68.36	82.91	102.34	10.89	73.54	94.19	108.92	98.88	8.67	76.31	91.94	104.73
2024-05-13	78.57	5.81	65.16	67.9	81.25	102.04	11.15	70.92	89.36	108.39	96.9	8.27	75.07	90.21	102.81
2024-05-20	80.49	6.8	65.31	71.99	85.51	100.32	10.05	73.7	90.55	106.1	97.63	7.95	76.59	90.76	103.14
2024-05-27	81.6	7.37	65.11	69.02	87.32	101.17	10.25	74.68	90.67	107.69	97.65	8	77.58	91.15	103.44
2024-06-03	80.12	6.62	65.35	71.04	85.29	101	9.53	75.08	92.93	106.61	97.69	7.73	77.76	92.18	103.57
2024-06-10	79.3	6.05	65.22	68.91	83.22	101.73	10.8	72.65	89.48	107.15	97.53	8.44	76.45	89.71	103.47
2024-06-17	79.75	6.33	65.06	67.5	83.74	101.21	10.41	73.22	92.55	107.42	97.97	8.62	75.52	91.68	104.12
2024-06-24	81.08	7	65.21	68.39	85.84	100.89	10.72	71.4	91.37	107.13	98.02	8.77	74.16	91.24	103.3
2024-07-01	85.96	7.76	65.34	69.79	89.15	108.48	10.89	75.76	97.03	111.94	113.05	8.76	76.54	93.3	105.22
2024-07-08	86.32	6.75	68.92	71.7	89.36	103.91	10.55	76.39	93.18	110.18	101.44	9.44	73.65	92.8	106.67
2024-07-15	85.25	6.55	69.12	72.37	89.25	105.77	11.6	75.12	95.68	112.86	99.2	8.93	75.16	92.31	104.8

2024-07-22	87.8	7.38	69.22	73.05	91.36	107.18	10.44	78.76	97.68	113.73	100.54	8.26	78.04	94.11	105.16
2024-07-29	87.51	7.56	69.35	73.55	92.03	106.84	10.92	77.26	97.11	113.82	102.39	8.64	78.1	94.66	107.39
2024-08-05	86.79	7.42	69.01	72.91	90.78	105.53	10.77	76.15	92.86	111.88	101.46	7.85	80.74	93.85	105.75
2024-08-12	86.21	7.02	69.02	71.34	89.99	104.42	10.1	76.2	95.03	110.89	100.57	8.03	79.22	93.68	105.75
2024-08-19	85.08	7.6	68.98	73.65	90.74	107.72	10.87	79.22	96.83	115.01	99.77	7.13	81.58	93.9	105
2024-08-26	87.45	8.01	69	71.25	92.93	102.89	9.55	77.51	93.06	109.2	100.42	6.98	82.83	94.43	106.15
2024-09-02	86.64	6.89	68.99	70.62	88.6	103.9	9.52	78.58	92.53	109.79	101.26	6.79	83.47	94.52	106.07
2024-09-09	82.9	6.41	69.13	70.85	88.7	102.14	9.8	76.06	90.9	107.54	98.77	7.14	80.35	93.08	104.37
2024-09-16	80.49	5.36	68.98	70.35	84.86	102.88	9.55	77.85	94.94	109.23	99.55	7.82	79.53	93.96	105.51
2024-09-23	84.39	7.06	69.31	72.03	91.52	102.56	9.88	75.82	92.62	108.17	99.34	8.34	77.17	93.09	105.28
2024-09-30	81.69	5.79	69.05	70.4	86.25	103.58	10.3	74.76	92.24	109.04	100.02	9.24	74.96	91.37	105.13
2024-10-07	80.5	5.19	66.12	69.31	80.7	106.26	10.74	72.98	90.22	108.01	102.77	9.76	72.76	90.2	104.75
2024-10-14	81.6	7.69	66.04	70.65	88.74	102.26	10.04	75.35	93.2	108.1	98.14	8.41	75.61	90.27	102.67
2024-10-21	79.25	6.03	66.03	68.06	84.84	100.41	9.66	74.59	91.49	105.7	97.15	8.99	73.59	89.28	103.14
2024-10-28	79.14	6.14	65.88	73.92	83.67	99.61	10.22	71.79	89.71	105.83	98.61	8.78	74.42	89.5	103.52
2024-11-04	80.44	7.3	65.78	67.32	88.62	100.18	12.14	66.99	87.43	105.79	98.78	10.84	67.72	86.25	103.53
2024-11-11	80.16	6.7	66.27	74.53	86.7	102.4	10.35	72.91	90.5	107.7	98.03	8.16	76.21	90.63	103.02
2024-11-18	78.56	5.33	66.74	74.86	82.04	102.5	10.88	74.09	91.86	109.14	99.41	8.07	78.96	92.29	104.85
2024-11-25	74.86	4.67	65.75	68.65	79.58	101.29	11.89	69.47	90.35	107.96	97.8	9.56	72.85	89.78	104.51
2024-12-02	77.79	5.85	65.76	67.35	83.77	101.82	12.22	67.94	89.77	107.4	99.25	10.47	70.12	89.1	104.54
2024-12-09	76.07	5.87	65.67	68.18	81.55	102.37	11.18	71.87	90.73	108.02	98.58	9.46	73.16	90	104.66
2024-12-16	80.02	7.13	65.77	70.37	87.49	101.12	11.13	69.77	90.4	107.14	98.2	9.28	73.36	89.64	104.29
2024-12-23	78.93	5.86	66.06	74.64	83.05	102.07	10.89	71.75	89.21	107.74	97.07	8.28	74.95	89.92	101.69

Table 17a: Strait of Georgia south weekly sound pressure levels (SPL) in decibels (dB). Mean (Avg) and standard deviation (Std), Q₅, Q₅₀ and Q₉₅ levels for broadband and SRKW echolocation and communication ranges are given.

Date	Avg 10-100000 Hz	Std 10-100000 Hz	Q5 10-100000 Hz	Q50 10-100000 Hz	Q95 10-100000 Hz	Avg 15000-100000 Hz	Std 15000-100000 Hz	Q5 15000-100000 Hz	Q50 15000-100000 Hz	Q95 15000-100000 Hz	Avg 500-15000 Hz	Std 500-15000 Hz	Q5 500-15000 Hz	Q50 500-15000 Hz	Q95 500-15000 Hz
2020-01-01	106.42	4.31	96.99	103.77	111.16	86.98	1.62	84.86	84.96	87.44	98.77	4.62	87.75	95.26	102.74
2020-01-08	108.04	4.27	98.9	105.46	112.58	90.18	3.42	84.9	85.75	95.67	100.76	4.52	90.13	97.57	104.81
2020-01-15	108.33	4.36	98.05	104.9	111.9	89.64	2.84	84.9	85.36	92.32	101.4	4.66	89.28	96.6	103.39
2020-01-22	107.04	4.58	96.73	104.43	111.52	93.22	2.23	84.91	85	90.94	99.83	5.01	87.79	96.32	103.65
2020-01-29	107.2	4.65	96.15	104.12	111.84	93.61	2.16	84.92	85	87.2	100.17	4.76	88.49	95.73	103.73
2020-02-05	108.14	4.36	98.14	105.49	112.06	91.1	2.66	84.94	85.08	88.14	102.19	4.68	89.93	97.52	104.67
2020-02-12	108.28	3.88	99.95	106.55	112.82	92.08	4.03	85	86.85	97.11	103.07	3.82	94.69	101.36	107.2
2020-02-19	108.04	4.55	97.81	105.61	112.73	88.22	1.67	84.99	85.1	86.78	102.9	5.37	90.01	99.78	107.2
2020-02-26	107.74	4.22	98.02	105.84	111.95	91.93	3.9	85.11	88.04	96.42	102.24	4.42	91.78	99.92	106.62
2020-03-04	109.35	4.05	100.88	107.5	114.04	89.79	3.18	85.12	85.98	93.13	103.4	4.17	94.68	101.62	107.87
2020-03-11	108.8	3.55	101.43	107.19	112.92	90.23	3.42	85.17	87.06	93.51	103.84	3.25	97.29	102.65	107.67
2020-03-18	122.16	4.69	100.98	107.06	114.47	99.72	4.76	83.2	84.78	95.88	110.97	4.56	95.37	102.13	108.62
2020-03-25	109.29	3.92	100.62	107.41	113.16	92.87	3.34	83.24	88.56	92.43	104.16	3.81	95.82	103.15	107.84
2020-04-01	109.72	3.96	100.83	107.53	113.43	91.62	4.23	83.3	87.12	96.48	103.93	3.81	95.74	101.92	108.06
2020-04-08	108.75	4.1	100.13	107.17	113.11	88.69	3.47	83.19	86	93.73	102.9	3.63	95.25	101.42	107.15
2020-04-15	111.45	4.01	101.33	107.5	114.11	90.03	3.7	83.18	85.75	92.38	105.4	3.91	95.15	102.17	107.74
2020-04-22															
2020-04-29															
2020-05-06															
2020-05-13															
2020-05-20															
2020-05-27															
2020-06-03															
2020-06-10															
2020-06-17															

2020-06-24															
2020-07-01															
2020-07-08															
2020-07-15															
2020-07-22															
2020-07-29															
2020-08-05															
2020-08-12															
2020-08-19															
2020-08-26															
2020-09-02															
2020-09-09															
2020-09-16															
2020-09-23															
2020-09-30															
2020-10-07															
2020-10-14															
2020-10-21															
2020-10-28															
2020-11-04															
2020-11-11															
2020-11-18															
2020-11-25															
2020-12-02															
2020-12-09															
2020-12-16															
2020-12-23															
2021-01-01	107.56	4.1	99.52	105.94	111.94	91.68	4.23	83.24	89.17	96.94	102.95	3.91	95.53	101.6	107.25
2021-01-08	108.39	3.78	100.25	106.94	112.92	89.82	3.85	83.21	86.89	95.21	102.48	3.27	95.67	101.54	106.3
2021-01-15	108.35	4.7	97.54	105.87	112.66	87.73	2.19	83.17	83.42	87.8	101.63	4.11	91.76	99.54	105.04

2021-01-22	109.19	4.46	99.13	106.58	113.38	89.54	3.27	83.29	88.1	92.81	102.67	3.68	94.55	101.54	105.91
2021-01-29	120.7	4.67	99.93	106.69	114.16	90.18	3.74	83.3	87.69	94.55	107.43	3.77	94.58	100.74	106.13
2021-02-05	108.2	4.21	99	106.05	112.71	89.2	2.87	83.78	87.96	91.53	101.8	3.58	93.81	100.98	105.44
2021-02-12	108.85	4.48	98.89	105.69	112.35	91.42	3.05	83.74	89.54	92.3	103.08	4.16	92.89	100.78	104.85
2021-02-19	107.22	4.32	97.65	104.84	111.99	89.06	2.77	83.75	87.23	92.11	100.81	3.33	93.95	99.39	104.19
2021-02-26	107.93	3.99	99.04	106.12	112.33	87.91	2.93	83.68	85.82	91.78	101.43	3.4	93.79	100.47	105.04
2021-03-05	107.92	4.29	98.41	106.01	112.71	87.61	2.71	83.73	85.7	91.64	101.06	3.45	93.67	100.11	104.91
2021-03-12	108.37	4.44	98.09	105.69	112.91	86.46	2.23	83.71	83.95	89.92	101.1	3.9	92.38	99.45	104.81
2021-03-19	107.1	3.82	99.25	105.32	111.58	88.07	2.73	83.7	86.85	91.37	100.93	3.4	93.39	99.98	104.48
2021-03-26	108.88	4.79	98.23	106.03	113.5	88.39	3.22	83.7	84.88	91.96	102.51	4.64	92.22	100.41	106.69
2021-04-02	106.79	4.24	97.53	104.47	111.69	87.53	2.56	83.69	85.8	90.62	100.82	3.77	92.29	99.68	104.67
2021-04-09	113.59	4.16	98.56	104.59	111.79	93.4	3.22	82.61	87.63	91.48	102.69	3.65	94.04	100.09	104.89
2021-04-16	107.78	4.97	95.87	104.04	111.95	87.75	2.4	82.13	82.2	88.4	101.85	5.35	88.04	98.12	105.5
2021-04-23	105.96	4.73	95.74	103.54	111.07	87.35	3.53	82.12	82.92	92.84	99.57	4.72	88.98	97.55	104.57
2021-04-30	107.79	4.71	97.05	105.37	112.85	86.77	3.11	82.12	82.29	90.02	101.67	4.68	90.86	99.68	106.39
2021-05-07	108.04	5.37	95.83	104.38	113.41	94.3	3.06	82.12	82.43	89.36	101.35	5.06	90.11	98.59	105.71
2021-05-14	107.45	4.39	97.14	104.28	111.69	90.19	2.97	82.13	84.75	89.11	102.35	4.48	90.01	98.91	104.77
2021-05-21	106.49	5.17	94.8	103.66	111.84	85.59	2.86	82.11	82.39	90.4	98.79	5.38	85.72	96.29	103.53
2021-05-28	109.65	4.74	98.1	106.1	113.41	88.11	2.29	82.12	82.28	87.47	102.96	4.83	91.81	99.85	107.55
2021-06-04	119.9	5.13	98.15	105.98	113.21	99.2	5.08	82.15	84.89	96.68	109.64	4.9	92.91	100.03	107.3
2021-06-11	109.28	4.48	99.09	106.6	113.51	94.48	4.24	84.47	85.11	98.17	103.72	4.53	93.31	100.46	107.91
2021-06-18	108.3	4.4	98.35	105.93	112.5	92.4	2.25	84.48	84.78	89.3	101.39	5.13	89.22	98.42	106.2
2021-06-25	109.17	4.65	97.34	105.62	112.86	88.66	2.16	84.52	84.98	89.47	102.64	4.82	88.04	96.61	102.8
2021-07-02	106.92	3.95	98.06	105.1	111.29	89.83	2.14	84.53	84.82	89.46	99.45	4.24	89.75	97.44	103.24
2021-07-09	106.88	4.27	97.58	105.28	111.46	86.09	1.43	84.54	84.75	87.65	98.3	4.35	88.86	95.71	102.2
2021-07-16	106.79	4.05	97.83	104.8	111.14	87.89	2.04	84.54	85.33	89.09	98.62	4.28	88.33	96.34	101.89
2021-07-23	108.51	4.87	97.26	105.9	113.43	92.68	2.21	84.56	84.73	89.03	99.36	4.64	88.15	95.97	102.72
2021-07-30	106.89	4.31	97.22	104.24	111.62	88.34	2.05	84.57	84.69	88.5	99	4.54	87.51	95.05	101.58
2021-08-06	107.73	4.22	98.98	105.44	112.39	89.22	2.72	84.66	86.56	90.83	99.34	4.58	88.2	97.32	102.94
2021-08-13	106.58	4.13	97.88	104.45	111.2	89.43	2.27	84.67	84.95	90.26	98.01	4.55	87.39	95.44	101.6

2021-08-20	107.32	4.46	97.42	105.21	112.12	89.93	2.19	84.71	85.14	89.56	98.94	4.34	88.77	96.55	102.3
2021-08-27	107.17	4.37	97.3	104.9	111.94	89.42	2.2	84.77	85.17	89.71	100.1	4.59	89.13	97.45	104.22
2021-09-03	108.72	4.5	98.37	105.58	113.19	90.95	3.23	84.84	84.98	92.85	102.33	4.82	89.86	97.38	105.02
2021-09-10	108.17	4.18	98.93	106.11	112.56	90.11	3.43	84.9	85.62	92.72	101.4	4.47	91.07	99.41	105.44
2021-09-17	108.51	4.23	98.84	106.11	112.73	92.21	4.24	84.96	85.44	96.19	102.42	4.39	92.24	100.04	106.09
2021-09-24	107.72	4	99.18	106.02	112.18	92.33	3.82	84.97	87.61	96.08	102.29	4.06	92.81	100.8	106.5
2021-10-01	108.75	4.07	99.72	106.83	112.83	89.75	2.99	84.93	85.95	92.73	103.63	3.82	94.99	101.99	107.58
2021-10-08	118.29	4.24	100.7	106.99	112.74	92.91	3.28	84.1	86.46	92.07	106.55	4.01	95.89	102.32	108.3
2021-10-15	107.99	3.82	99.95	106.37	112.34	89.68	3.35	84.05	86.81	93.99	103.13	3.54	95.85	101.74	107.22
2021-10-22	107.54	3.5	100.25	106.15	111.76	90.64	3.16	84.58	89.1	94.84	103.24	3.54	95.8	101.59	107.04
2021-10-29	108.25	3.85	99.92	106.49	112.52	92.12	4.47	84.06	87.58	98.07	102.74	3.59	94.98	100.99	106.45
2021-11-05	108.47	3.74	100.51	106.71	112.47	91.05	2.92	84.92	89.59	94.39	103.53	3.6	95.56	101.93	107.52
2021-11-12	110.21	4.45	99.58	107.03	113.36	95.66	6.28	84.03	87.44	103.09	104.18	4.29	94.06	101.13	107.25
2021-11-19	109.87	4.36	98.38	105.94	111.97	90.95	3.6	84.02	86.35	92.64	102.76	4.17	92.16	100.11	105.43
2021-11-26	108.12	3.78	99.35	105.89	111.11	95.35	3.96	84.06	88.13	96.3	102.72	3.77	94.12	100.64	105.99
2021-12-03	108.9	3.44	101.39	107.38	112.74	96.54	3.32	84.04	88.14	92.98	102.78	3.3	95.48	101.44	106.35
2021-12-10	107.89	3.64	99.67	106.8	111.63	90.97	3.77	84.06	88.88	95.54	102.69	3.73	94.23	101.91	106.48
2021-12-17	109.84	3.88	101.33	107.7	113.8	98.12	3.54	84.1	87.31	94.59	102.95	3.78	94.59	101.32	106.72
2021-12-24	107.92	3.96	99.01	106.1	111.69	94.78	2.91	84.07	88.87	92.25	102.46	3.73	93.42	101.17	105.66
2022-01-01	107.82	3.11	101.44	106.84	111.74	91.12	2.95	84.5	90.15	95.11	102.8	2.77	97.08	102.16	105.94
2022-01-08	109.4	4.38	98.23	106.25	112.42	98.89	4.52	84.02	86.3	98.37	102.68	3.92	93.21	100.13	105.86
2022-01-15	108.85	4.24	98.75	106.25	112.5	97.01	3.91	84.01	84.27	96.13	102.16	3.92	92.68	99.45	104.56
2022-01-22	107.61	4.5	97.41	104.86	112.12	86.44	1.54	84.02	84.32	87.11	99.9	3.83	91.47	97.87	103.63
2022-01-29	109.23	4.08	100	106.51	113.44	89.75	3.1	84.08	87.17	93.44	101.32	3.6	93.06	99.55	104.45
2022-02-05	108.94	4.4	97.45	105.34	111.96	99.13	2.55	84.02	84.24	89.68	102.41	4.01	91.17	98.36	103.38
2022-02-12	107.09	4.19	97.73	105.25	111.55	86.16	2.01	84.02	84.34	89.1	99.79	3.87	91.25	98.47	103.78
2022-02-19	108.77	4.06	99.16	106.11	112.26	99.16	3.03	84.04	86.38	91.65	102.51	4.1	91.81	99.72	105.17
2022-02-26	107.54	4.03	98.31	105.81	111.65	91.76	4.05	84.02	85.46	95.46	100.47	3.91	91.45	99.16	104.04
2022-03-05	107.65	4.38	97.8	105.38	112.3	88.22	2.78	84.02	85.57	90.88	101.38	4.01	91.98	99.54	104.96
2022-03-12	116.21	4.4	97.49	104.64	111.3	89.8	3.76	83.35	86.94	95.38	103.95	4.05	91.46	99.08	103.78

2022-03-19	107.17	4.4	97.57	104.3	111.73	88.64	3.36	83.31	85.6	93.59	100.85	3.74	92.19	98.72	104.05
2022-03-26	107.04	4.75	96.21	104.87	112.12	88.83	3.69	83.29	83.83	95.45	100.08	4.26	90.77	98.37	104.43
2022-04-02	107.61	4.24	98.18	105.67	111.9	89.52	3.92	83.31	85.92	94.12	102.03	4.01	93.36	100.44	105.57
2022-04-09	107.22	4.29	97.93	104.99	111.74	89.08	3.44	83.3	85.92	93.51	101.18	4.14	91.65	99.56	104.97
2022-04-16	107.1	4.23	97.77	105.36	111.66	88.09	3.17	83.29	85.58	92.17	101.22	4.36	91.16	99.83	105.09
2022-04-23	107.4	4.74	96.47	104.87	111.82	88.09	2.74	83.28	83.5	88.34	101.34	5.01	89.08	98.08	105.07
2022-04-30	106.89	4.35	97.32	105.17	111.06	89.74	4.28	83.28	83.89	95.71	101.09	4.78	90.13	99.15	105.31
2022-05-07	107.06	4.05	98.39	105.34	111.49	86.39	2.43	83.29	84.49	90.4	101.51	3.96	92.93	99.84	105.76
2022-05-14	108.02	4.21	98.22	106.19	111.92	89.49	3.77	83.29	85.23	93.94	102.71	4.22	92.92	100.57	106.72
2022-05-21	107.73	4.54	97.29	105.33	112.3	91.3	3.28	83.28	83.63	91.26	102.16	4.73	90.86	99.58	106.03
2022-05-28	107.49	4.53	97.07	105.45	112.23	88.16	3.17	83.28	83.64	92.06	102.13	4.73	91.28	99.97	106.44
2022-06-04	107.95	4.17	98.95	106.1	112.5	89.11	3.88	83.28	84.05	94.94	103.11	4.34	93.53	100.7	107.72
2022-06-11	108.73	4.73	98.38	106.13	113.37	88.78	2.84	83.32	84.45	90.23	103.83	4.93	92.23	100.2	107.9
2022-06-18	107.67	4.5	97.61	105.78	112.31	86.92	2.72	83.28	84.02	90.64	102.67	4.83	91.67	100.07	107.58
2022-06-25	106.53	4.39	96.59	104.54	110.63	90.36	1.98	83.27	83.37	86.6	100.56	4.94	88.69	97.48	105
2022-07-02	118.66	5.04	99.27	106.27	113.53	101.8	5.06	83.34	83.79	96.49	111.28	5.55	93.19	100.76	109.66
2022-07-09	109.42	4.7	98.77	106.76	114.52	86.59	1.95	83.36	83.79	87.79	102.91	4.72	92.07	99.97	107.5
2022-07-16	109.22	4.43	99.97	106.54	114.56	87.78	2.43	83.35	83.5	87.73	101.9	4.67	91.29	99.47	105.93
2022-07-23	108.59	4.27	99.38	106.31	113.63	86.82	2.18	83.35	83.87	88.54	100.9	4.17	91.42	98.38	104.63
2022-07-30	108.61	4.31	99.5	105.55	113.58	88.63	2.66	83.34	83.76	88.58	100.62	4.27	89.97	97.1	103.31
2022-08-06	110.12	5.03	98.97	106.24	116.18	87.69	2.68	83.34	84.05	89.68	100.81	4.82	89.31	97.94	104.37
2022-08-13	110.16	4.98	99.47	106.45	116.16	87.15	2.17	83.34	83.46	88	100.9	4.58	90.22	97.62	104.86
2022-08-20	109.63	4.78	99.01	106.14	114.75	86.3	1.72	83.34	83.47	86.96	100.23	4.88	89.17	96.97	105.17
2022-08-27	109.56	4.38	99.94	106.54	114.48	88.02	2.18	83.34	83.67	88.86	101.29	4.37	91.32	98.04	105.46
2022-09-03	114.59	6.02	101.03	107.43	122.1	88.58	3.19	83.34	84.88	91.15	103.12	5.1	90.23	100.57	106.63
2022-09-10	113.6	6.11	99.52	107.5	120.28	86.89	2.48	83.34	83.56	88.3	100.56	4.89	89.44	97.95	105.52
2022-09-17	110.11	4.9	99.06	106.35	114.63	87.64	2.66	83.34	84.31	90.35	102.58	4.8	91.09	99.76	106.65
2022-09-24	114.96	6.13	98.62	106.65	119.52	87.02	1.83	83.34	83.45	87.06	101.72	4.69	90.25	98.54	105.43
2022-10-01	115.05	6.84	96.99	106.25	121.46	92.57	1.36	83.34	83.43	85.28	101.54	4.91	89.55	98.67	105.74
2022-10-08	119.32	8.11	98.6	107.52	127.19	85.54	2.28	83.34	83.46	90.63	101.37	4.82	90.42	99.26	106.02

2022-10-15	125.81	5.9	97.45	106.15	114.82	88.36	2.46	82.22	83.43	87.7	106.18	5.26	90.65	99.59	107.37
2022-10-22	109.05	3.93	100.86	107.05	113.48	90.69	4.41	82.21	87.07	95.47	103.66	3.93	95.2	101.72	107.77
2022-10-29	108.92	3.88	100.58	106.87	113.19	91.29	4.64	82.21	87.63	96.63	103.52	3.21	96.49	101.52	106.66
2022-11-05	109.35	3.76	101.16	106.96	113.56	89.98	3.69	82.29	87.53	93.16	103.61	3.49	96.02	101.28	107.26
2022-11-12	109.77	4.62	98.4	106.11	113.33	91.69	3.32	82.2	84.6	89.5	105.05	3.97	93.63	100.06	105.92
2022-11-19	108.57	4.42	98.55	106.12	113.31	89.76	4.21	82.14	82.88	93.81	101.39	3.63	93.3	99.67	105.04
2022-11-26	108.97	3.71	101.52	107.12	113.71	89.79	3.97	82.18	88.8	93.15	103.05	3.44	95.39	101.75	106.9
2022-12-03	108.42	4.33	98.72	106.77	112.91	88.04	3.89	82.16	85.26	92.69	101.72	3.76	93.1	100.9	105.58
2022-12-10	108.46	3.98	99.61	106.35	112.71	89.14	3.56	82.19	87.91	93.62	102.56	3.7	94.52	100.84	106.98
2022-12-17	106.86	4.03	98.11	105.03	111.67	87.43	3.34	82.19	85.63	91.4	99.76	3.46	91.71	99.23	102.99
2022-12-24															
2023-01-01															
2023-01-08															
2023-01-15															
2023-01-22															
2023-01-29	107.83	4.09	99.42	105.3	112.87	87.73	3.68	82.17	84.03	93.23	100.29	3.63	92.74	98.55	104.61
2023-02-05	108.78	4.81	97.34	105.06	113.04	89.92	3.92	82.22	87.75	93.22	101.47	4.44	90.05	98.92	103.62
2023-02-12	108.9	4.55	98.48	105.46	113.52	90.7	4.08	82.19	85.53	92.82	100.97	4.15	91.94	98.34	105.19
2023-02-19	110.2	4.51	99.64	106.57	114.55	89.79	4.22	82.24	85.96	92.45	101.05	5	89.59	98.26	104.59
2023-02-26	108.79	4.32	98.95	105.63	113.02	90.22	3.78	82.26	88.56	93.32	100.44	4.19	90.65	98.41	104.03
2023-03-05	118.85	4.54	99.17	105.68	112.98	95.2	3.61	82.64	86.78	92.8	106.55	3.95	91.35	97.83	103.27
2023-03-12	108.22	4.69	97.4	105.67	113.09	88.43	3.66	82.61	84.24	93.34	99.27	3.68	90.76	97.57	102.67
2023-03-19	108.29	4.53	98.49	105.89	113.69	87.2	3.35	82.6	83.09	91.61	98.97	4.37	89.22	97.46	103.33
2023-03-26	108.67	4.87	97.95	106.21	113.47	87.41	2.94	82.6	85.94	90.66	100.84	4.57	90.2	99.34	104.31
2023-04-02	108.09	4.26	98.94	105.88	112.61	88.75	3.57	82.63	86.23	92.3	100.94	3.6	93.28	99.66	104.33
2023-04-09	108.99	4.44	99.15	106.84	113.88	88.22	3.66	82.59	85.19	92.96	102.44	3.96	93.7	100.53	106.37
2023-04-16	109.01	4.23	99.32	106.85	113.63	89.91	3.71	82.72	88.41	93.39	102.56	3.87	94.46	100.98	106.41
2023-04-23	108.76	4.55	98.24	106.55	113.53	89.34	3.86	82.59	82.92	93.28	101.35	4.65	91.04	98.87	106.04
2023-04-30	108.07	4.31	98.69	106.31	112.76	87.72	3.43	82.61	84.37	92.44	101.33	4.42	91.2	99.11	105.76
2023-05-07	110.96	4.73	99.84	107.44	114.82	87.76	2.21	82.59	82.76	86.7	104.11	4.82	92.92	100.96	108.42

2023-05-14	109.17	4.66	98.56	106.72	113.72	86.35	2.41	82.59	82.87	87.08	102.45	4.74	91.79	99.42	107.13
2023-05-21	108.79	4.23	99.62	106.48	113.37	85.53	2.21	82.6	82.85	88.13	100.49	4.42	90.5	98.08	104.87
2023-05-28	107.87	4.18	98.16	105.73	112.07	85.88	2.01	82.6	82.88	87.16	99.47	4.45	88.67	96	102.98
2023-06-04	108.28	3.72	100.5	106.5	112.79	90.74	4.51	82.6	85.83	95.61	100.21	4.19	91.54	98.5	104.35
2023-06-11	107.66	4.28	97.79	105.36	111.9	87.26	3.04	82.59	83.27	90.4	99.73	4.57	88.73	96.76	103.02
2023-06-18	116.84	4.73	98.7	106.25	113.75	106.21	3.16	82.59	82.95	89.39	109.95	4.33	90.88	97.36	104.17
2023-06-25	113.95	4.35	100.94	107.85	114.93	100.92	2.71	82.59	82.91	87.56	106.7	4.57	92.18	99.44	106.49
2023-07-02	120.65	5.03	98.15	104.95	112.84	109.56	4	82.73	85.16	91.74	113.28	4.79	91.11	97.93	104.65
2023-07-09	105.84	4.38	95.53	103.63	110.01	87.75	2.14	82.72	83.08	86.89	99.76	4.55	88.44	96.49	102.51
2023-07-16	108.35	4.41	98.64	105.59	112.61	86.13	1.9	82.72	83.04	86.37	101.74	4.43	91.23	98.63	105.57
2023-07-23	109.1	4.26	98.93	105.88	112.9	88.27	3.04	82.72	83.33	89.29	103.13	4.63	90.53	98.63	105.77
2023-07-30	107.74	4.39	97.79	105.46	112.25	87.67	2.13	82.72	82.82	86.9	100.36	4.44	90.23	97.51	104.28
2023-08-06	107.49	4.37	97.61	104.98	112.28	87.49	2.71	82.72	83.12	87.83	100.14	4.41	89.42	97.05	103.17
2023-08-13	108.55	3.85	100.57	106.65	113.28	87.8	2.7	82.73	86	89.78	102.22	4.12	92.77	100.81	106.19
2023-08-20	108.5	4.23	98.98	106.4	113.19	93.95	2.93	82.73	84.24	90.09	102.2	4.45	92.38	100.19	106.59
2023-08-27	109.07	4.43	99.6	106.77	113.85	88.12	3.35	82.73	83.04	91.99	102.55	4.56	92.07	99.99	106.8
2023-09-03	108.3	4.5	97.37	105.91	112.66	86.38	2.2	82.73	82.96	86.38	101.14	4.76	90.21	98.77	106.02
2023-09-10	108.93	4.79	98.05	106.5	113.95	85.11	1.75	82.73	82.86	85.01	102.68	5.38	89.53	99.94	107.63
2023-09-17	109.46	4.36	99.95	107.54	114.14	88.4	2.87	82.74	83.89	89.68	104.11	4.59	93.85	102.14	108.51
2023-09-24	109.83	3.9	101.61	107.99	114.35	91.97	3.57	82.8	86.05	92.98	105.48	3.97	96.94	103.7	109.83
2023-10-01	109.63	4.47	99.46	107.53	113.99	88.25	2.88	82.73	83.31	89.9	105.12	4.33	95.24	103.11	109.46
2023-10-08	109.24	5.03	97.25	107.26	113.66	89.13	3.58	82.74	83.8	93.2	104.73	5.27	91.96	102.62	109.52
2023-10-15	113.7	4.54	98.39	106.91	113.04	92.8	4.35	82.78	85.87	96.14	106.89	4.44	94.81	103.57	109.6
2023-10-22	108.97	3.82	100.82	107.6	112.75	89.23	3.7	83.43	86.15	94.58	104.63	3.67	96.95	103.26	108.72
2023-10-29	108.76	3.94	100.34	107.12	113.32	89.52	4.04	83.4	83.97	95.98	103.65	3.63	96.04	102.15	108.32
2023-11-05	108.31	3.99	99.79	106.89	112.96	89.66	3.47	83.51	87.49	94.31	103.29	3.62	95.48	101.93	107.9
2023-11-12	108.71	3.91	100.34	107.02	113.29	87.2	2.95	83.39	84.05	90.82	102.75	3.58	95.18	101.46	106.84
2023-11-19	108.32	4.01	99.49	106.7	112.71	89.56	3.45	83.41	86.86	92.11	102.7	3.47	95.14	101.62	106.67
2023-11-26	109.14	4.06	100.01	107.09	113.49	88.35	3.4	83.4	84.15	92.43	103.25	3.89	94.16	101.74	107.23
2023-12-03	108.77	4.12	99.63	106.13	113.3	90.35	3.92	83.43	85.83	95.92	103.05	3.72	94.89	100.88	106.6

2023-12-10	109.33	3.92	101.13	106.97	113.91	89.85	3.91	83.4	84.82	94.61	103.43	3.36	96.4	101.68	107.02
2023-12-17	110.46	4.47	98.74	106.94	113.39	90.97	3.87	83.39	84.4	94.64	103.77	4.02	94.12	101.32	106.83
2023-12-24	107.59	3.76	99.4	106.1	112.16	88.57	3.12	83.43	86.75	92.05	102.09	3.37	94.97	101.17	105.79
2024-01-01	106.99	4.48	96.69	105.77	111.17	89.25	3.85	83.38	86.52	94.31	101.8	4.65	91.13	100.77	105.92
2024-01-08	109.26	4.1	100.11	107.68	113.57	91.86	3.79	83.45	89.01	93.31	103.85	3.92	94.9	103.01	107.16
2024-01-15	107.64	4.32	98.03	105.74	112.42	91.43	4.31	83.39	84.78	97.45	100.99	3.76	92.83	99.6	105.1
2024-01-22	112.07	4.92	99.8	106.27	115.44	94.66	5.92	83.48	86.79	100.15	105.01	4.49	93.55	100.42	107.14
2024-01-29	114.79	4.94	99.03	106.05	113.89	97.32	4.38	83.4	85.03	96.21	106.79	4.41	92.81	99.81	105.66
2024-02-05	108.76	4.4	99.87	106.09	114.28	89.44	3.92	83.4	85.32	96.3	101.03	3.61	93.08	99.76	105.26
2024-02-12	108.87	4.36	99.28	106.12	114.01	92.53	3.96	83.45	88.03	94.14	101.89	4.49	91.23	100	105.42
2024-02-19	118.9	4.93	98.16	105.62	113.96	94.34	5.65	83.21	84.32	100.33	105.05	4.74	89.8	97.71	104.17
2024-02-26	107.91	3.45	100.75	106.2	111.96	92.17	3.97	83.26	89.74	95.71	102.41	4.12	93.84	101.3	105.77
2024-03-04	107.19	3.57	99.41	105.38	111.45	89.03	3.73	82.96	86.04	92.57	101.13	3.51	94.06	99.6	105.11
2024-03-11	107.09	3.89	98.78	105.16	111.78	87.05	3.24	82.95	83.57	92.06	100.38	3.7	92.01	99.03	104.76
2024-03-18	106.49	4.61	96.74	104.31	111.24	89.09	4.13	82.94	83.26	94.86	99.69	4.47	89.62	98.32	104.19
2024-03-25	107.06	4.55	96.59	105.09	112.02	87.9	3.43	82.94	84.44	92.22	100.9	4.21	91.13	99.64	104.77
2024-04-01	108.41	4.32	98	105.35	111.73	88.22	3.03	82.93	85.16	91.19	102.36	4.29	92.35	99.64	105.6
2024-04-08	107.97	3.87	99.2	105.57	111.78	89.88	3.4	82.96	87.39	91.85	102.44	3.7	93.67	100.91	105.41
2024-04-15	106.67	4.1	97.44	105.08	111.04	86.21	2.51	82.94	83.72	90	101.13	4.07	91.85	99.93	105.17
2024-04-22	106.59	3.83	97.95	104.85	110.32	90.54	4.24	82.94	85.15	94.24	101.51	3.81	92.57	99.78	104.46
2024-04-29	108.61	4.32	97.82	105.27	111.29	89.57	3.09	82.94	83.85	90.2	103.8	4.53	92.08	100.26	105.9
2024-05-06	106.83	4.02	98.07	105.19	111.34	86.2	2.55	82.93	83.8	89.44	101.5	4.06	92.48	99.93	105.82
2024-05-13	106.25	4.09	97.14	104.79	110.6	87.11	2.79	82.93	84.35	90.51	101.27	4.69	90.52	99.78	105.46
2024-05-20	106.3	3.72	98.64	104.45	110.41	89.26	3.84	82.93	85.46	94.31	101.03	3.86	92.67	99.42	104.73
2024-05-27	107.37	3.86	98.87	105.55	111.62	89.94	3.96	82.97	84.37	94.79	102.29	3.98	93.59	100.42	106.53
2024-06-03	107.95	3.87	99.49	106.22	112.46	90.01	3.91	82.95	85.67	94.3	103.68	4.19	94.46	101.83	107.87
2024-06-10	107.42	4.06	98.83	105.31	112.11	88.11	3.05	82.94	84.28	90.73	102.34	4.42	92.71	99.64	107.29
2024-06-17	107.91	4.18	97.36	104.93	111.01	92.38	3.1	82.92	83.17	90.76	102.82	4.66	89.99	98.04	104.92
2024-06-24	107.79	4.52	97.12	105.18	112.16	96.36	3.34	82.92	83.29	91.94	101.06	4.93	89.64	98.34	105.8
2024-07-01	107.35	4.08	98.52	105.42	111.66	88.54	2.75	82.93	83.98	89.35	100.5	4.22	91.12	98.74	104.39

2024-07-08	119.78	4.74	98.23	104.9	112.06	92.18	3.22	82.94	83.92	88.9	108.5	5.72	86.83	96.46	103.01
2024-07-15	106.92	4.26	97.53	104.52	111.39	90.37	2.02	83.74	83.8	86.21	97.89	4.87	85.54	93.64	101.24
2024-07-22	109.83	5.2	98.33	106.12	115.72	89.03	1.79	83.74	84.02	87	98.7	4.67	87.41	95.72	102.31
2024-07-29	109.67	5.37	97.44	106.25	115.66	87.19	2.54	83.74	84.05	88.99	99.05	4.95	86.93	96.15	103.06
2024-08-05	109.47	4.78	98.87	106.32	114.73	86.99	1.62	83.74	83.87	85.35	99.19	4.47	89.29	96.66	103.56
2024-08-12	107.88	4.56	97.36	105.52	112.6	88.62	2.16	83.74	83.98	87.06	98.78	4.8	87.14	95.06	102.27
2024-08-19	110.32	5.14	99.22	106.44	116.16	88.76	3.23	83.76	84.43	93.62	98.22	4.34	88.17	95.99	102.25
2024-08-26	110.1	4.8	99.93	106.84	115.87	88.35	2.46	83.74	84.51	89	100.31	4.58	89.7	97.88	104.84
2024-09-02	109.16	5.12	98.02	105.61	114.78	89.66	1.91	83.73	83.8	86.89	99.34	4.92	87.54	96.15	103.92
2024-09-09	108.19	4.51	97.75	105.18	112.59	89.12	2.7	83.74	84.36	89.78	99.34	4.26	88.75	95.96	102.6
2024-09-16	110.31	4.68	100.26	106.85	115.32	86.23	2.2	83.74	84.02	89.25	99.17	4.73	88.27	97.5	103.51
2024-09-23	109.58	4.68	99.21	106.65	114.11	89.79	3.68	83.75	85.4	95.88	101.4	4.41	91.35	98.96	105.4
2024-09-30	109.92	4.53	99.48	107.74	114.77	86.86	2.44	83.75	83.92	89.51	101.86	4.6	91.68	99.29	106.77
2024-10-07	119.36	4.41	98.85	107.07	113.18	86.27	2	83.74	84.02	88.18	104.86	4.4	92.15	99.82	106.21
2024-10-14	108.68	4.36	99.12	106.85	112.94	90.82	4.5	82.76	86	96.82	104.12	4.63	93.65	101.89	108.29
2024-10-21	109.33	4.23	99.78	107.61	113.55	87.42	3.2	82.74	83.43	91.94	104.15	4.26	94.47	102.06	108.5
2024-10-28	109.23	3.91	100.73	107.45	113.48	89.27	3.41	82.87	87.36	92.65	103.65	3.54	95.88	102.27	107.54
2024-11-04	108.69	4.65	98.81	106.32	113.37	90.34	4.75	82.74	83.44	97.27	103.02	4.53	93.72	101.19	107.47
2024-11-11	112.98	4.49	99.28	106.9	112.9	93.12	3.84	82.94	87.21	94.92	109.49	4.4	95.6	101.82	108.06
2024-11-18	109.77	3.82	101.4	108.01	114.04	90.02	3.65	82.91	88.17	93.82	105.28	4	96.73	103.4	109.5
2024-11-25	108.87	3.73	101.22	107.11	113.59	86.52	2.69	82.73	84.36	89.61	103.07	3.26	96.47	102	107.15
2024-12-02	108.96	3.94	100.66	107.15	113.51	86.9	2.96	82.73	83.03	89.44	103.09	3.82	94.62	101.63	107.23
2024-12-09	109.27	3.99	100.5	107.63	113.65	87.61	3.43	82.73	83.26	91.7	103.54	3.96	95.13	102.17	107.78
2024-12-16	109.3	4.25	99.77	107.28	113.61	89.94	4.28	82.74	86.28	95.25	103.36	3.89	94.75	102.07	107.22
2024-12-23	107.64	3.91	98.96	106.02	112.17	89.73	3.82	82.83	87.23	94.54	102.76	3.88	94.22	101.83	106.63

Table 17b: Strait of Georgia south weekly sound pressure levels (SPL) in decibels (dB). Mean (Avg) and standard deviation (Std), Q₅, Q₅₀ and Q₉₅ levels for water turbulence, echosounders and wind are given.

Date	Avg 10-100 Hz	Std 10-100 Hz	Q5 10-100 Hz	Q50 10-100 Hz	Q95 10-100 Hz	Avg 49500-50500 Hz	Std 49500-50500 Hz	Q5 49500-50500 Hz	Q50 49500-50500 Hz	Q95 49500-50500 Hz	Avg 7500-8500 Hz	Std 7500-8500 Hz	Q5 7500-8500 Hz	Q50 7500-8500 Hz	Q95 7500-8500 Hz
2020-01-01	101.74	5.07	89.8	99.45	106.86	71.15	1.68	65.67	65.73	66.72	78.82	4.75	66.22	73.49	80.57
2020-01-08	104.21	5.68	90.46	100.96	109.41	74.96	2.42	65.67	65.99	70.95	80.8	5.09	67.97	76.89	83.87
2020-01-15	103.99	5.37	91.17	100.28	108.9	73.41	2.15	65.67	65.86	69.56	81.51	5.41	67.81	75.73	85.34
2020-01-22	102.53	5.47	89.88	99.62	107.94	90.07	2.18	65.67	65.73	68.57	79.96	5.46	66.02	74.67	84.31
2020-01-29	102.81	5.8	88.8	99.33	108.28	73.37	1.79	65.66	65.73	66.66	79.88	4.74	66.87	73.6	81.46
2020-02-05	103.78	5.49	90.61	101.12	109.19	87.7	3.61	65.67	65.74	67.11	80.83	5.2	67.69	76.03	84.28
2020-02-12	103.19	5.72	89.48	99.89	108.74	80.15	2.89	65.68	66.37	73.75	84.1	4.79	72.54	81.36	88.6
2020-02-19	102.61	5.27	90.38	99.48	108.07	71.38	1.6	65.67	65.72	65.99	83.01	5.77	68.36	78.32	87.17
2020-02-26	103	6.01	87.67	99.5	108.32	74.97	2.58	65.71	67.06	72.05	83.95	5.08	71.55	80.67	88.78
2020-03-04	105.89	6.26	91.17	101.46	112.18	69.91	2.1	65.68	65.91	70.12	82.77	5.22	70.36	80.01	87.71
2020-03-11	103.06	5.52	90.32	99.35	108.92	68.54	2.11	65.68	66.4	70.24	83.36	4.6	73.34	81.34	87.91
2020-03-18	120.99	6	91.71	99.7	109.76	98.89	5.43	64.85	65.48	74.02	85.01	5.25	70.85	80.65	87.46
2020-03-25	103.96	5.94	89.08	99.38	108.8	71.98	2.35	64.87	67.77	70.43	84.48	4.8	73.39	83.17	88.48
2020-04-01	104.59	6.04	89.41	100.95	109.71	77.15	3.1	64.87	66.85	73.82	84.97	4.87	73.82	81.76	89.48
2020-04-08	104.09	6.5	88.5	100.73	109.89	67.42	2.15	64.84	66.07	71.01	82.2	4.66	71.52	80.18	86.66
2020-04-15	105.68	5.62	91.43	100.99	110.17	69	2.5	64.83	65.89	70.31	83.65	5.35	70.81	81.48	88.12
2020-04-22															
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2020-12-23															
2021-01-01	102.68	6.58	86.97	99.4	108.48	69.81	2.89	64.86	68.4	73.77	85.06	4.88	74.02	82.88	90.52
2021-01-08	104.37	6.25	89.16	101.09	110.14	68.47	2.56	64.85	66.73	72.63	83	4.5	72.64	81.44	87.69
2021-01-15	104.13	6.45	88.66	100.42	109.67	73.78	1.41	64.81	64.88	66.92	81.98	4.84	68.73	77.57	84.85
2021-01-22	105.48	6.57	88.98	100.75	110.44	68.36	2.14	64.86	67.42	70.51	83.72	4.33	73.28	82.49	86.93

2021-01-29	119.06	6.59	90.51	101.44	110.93	68.76	2.6	64.13	67.26	71.39	83.83	4.37	73.24	81.24	86.84
2021-02-05	104.41	6.17	89.63	100.11	109.88	67.61	1.81	64.09	66.2	68.6	83.37	4.24	73.31	82.49	87.28
2021-02-12	104.19	6.38	88.55	99.67	109.39	68.49	2.07	64.07	67.46	69.41	85.76	4.57	73.69	83.41	87.09
2021-02-19	103.06	7.12	84.91	98.68	109.01	78.98	1.82	64.06	65.76	68.77	82.8	3.96	73.72	81.29	86.58
2021-02-26	104.11	6.09	90.06	100.69	109.47	66.69	1.78	64.01	64.96	68.46	82.7	4.7	71.61	80.92	87.41
2021-03-05	104.24	6.32	89.06	100.71	109.96	65.77	1.5	64.04	64.84	68.37	81.81	4.01	72.59	80.74	85.72
2021-03-12	104.82	6.33	88.58	100.66	109.56	65.73	1.25	64.04	64.17	67.25	80.97	4.91	69.47	77.32	85.02
2021-03-19	103.16	5.97	89.29	99.35	108.76	65.94	1.46	64.03	65.36	68.11	81.81	4.28	72.26	80.74	85.73
2021-03-26	105.38	7.02	87.55	100.89	110.64	68.76	1.99	64.04	64.54	68.09	83.58	6.06	69.71	80	89
2021-04-02	102.73	6.58	87.21	97.67	108.63	65.57	1.27	64.03	64.72	67.28	81.58	4.78	70.54	79.52	85.71
2021-04-09	112.47	6.3	87.36	97.65	108.37	88.78	3.75	63.41	65.91	68.42	82.55	4.19	73.05	81.6	86.13
2021-04-16	103.45	6.2	87.8	97.64	108.11	79.65	2.47	63.29	63.35	65.76	80.02	5.75	66.48	75.37	84.9
2021-04-23	101.62	6.44	85.77	97.41	107.7	77.21	2.14	63.29	63.54	67.61	77.17	4.54	66.84	75.06	81.69
2021-04-30	103.74	5.83	90.38	98.99	109.6	66.38	1.8	63.28	63.34	66.1	79.57	5.04	67.55	76.22	84.66
2021-05-07	103.13	6.59	86.98	97.61	109.55	66.16	1.7	63.29	63.37	66.28	79.94	5.27	66.79	76.18	84
2021-05-14	102.16	5.82	88.26	97.83	108.24	77.3	1.81	63.3	64.18	66.37	82.97	5.2	68.16	78.67	84.68
2021-05-21	103.1	6.6	87.27	98.48	109.19	66.89	1.61	63.29	63.4	66.59	77.18	5.06	65.38	74.23	81.59
2021-05-28	106.38	6.1	90.87	100.81	110.28	72.84	1.54	63.28	63.34	65.47	82.47	5.55	68.44	77.56	86.61
2021-06-04	118.27	6.49	89.43	99.79	109.25	96.29	6.07	63.31	65.53	73.66	85.55	5.19	69.96	79.16	86
2021-06-11	104.45	5.62	91.2	100.8	109.84	87.28	3.3	65.48	65.64	73.02	83.72	5.21	70.2	79.28	87.58
2021-06-18	104.04	5.32	91.99	101.22	109.49	87.8	2.49	65.48	65.57	67.83	81.18	5.53	66.65	77.15	84.47
2021-06-25	105.4	6.03	90.16	102.03	110.92	71.44	1.71	65.48	65.65	67.79	80.98	5.02	67.14	75.88	82.65
2021-07-02	103.16	5.04	91.2	100.92	108.38	70.68	1.6	65.48	65.58	67.8	79.38	4.89	67.43	75.11	82.41
2021-07-09	104.25	5.65	90.73	101.61	109.87	68.55	1.25	65.48	65.58	66.76	77.29	4.09	67.65	73.53	80.39
2021-07-16	103.83	5.28	91.76	101.2	109.33	79.84	2.34	65.48	65.78	67.58	79.18	4.88	66.83	75.31	82.02
2021-07-23	106.12	6.45	89.97	102.41	111.94	90.72	3.04	65.48	65.56	67.72	79.59	4.78	67.14	73.64	81.93
2021-07-30	103.13	5.17	91.5	100.38	108.58	76.54	1.94	65.47	65.54	67	80.04	4.87	65.95	72.7	80.76
2021-08-06	104.51	5.43	90.92	101.79	109.86	78.79	2.32	65.49	66.25	68.53	80.46	5.5	66.85	77.62	83.53
2021-08-13	103.21	5.2	90.45	100.55	108.5	81.11	1.97	65.47	65.6	68.35	78.77	5.17	66.52	73.92	82.76
2021-08-20	104.31	6.01	89.51	101.36	110.16	83.04	2.16	65.49	65.67	67.94	79.74	4.83	67.17	75.52	82.35

2021-08-27	102.54	5.45	89.45	100.03	108	69.18	1.56	65.5	65.65	67.95	81.29	4.99	67.02	76.01	82.73
2021-09-03	103.72	5.28	90.43	101	109.28	79.03	2.95	65.49	65.55	69.69	81.71	5.17	67.23	75.53	83.52
2021-09-10	103.79	5.21	91.54	101.02	109.3	73.51	2.49	65.51	65.77	69.66	81.41	4.93	69.24	78.43	85.24
2021-09-17	104.16	5.71	90.07	100.91	109.3	78.49	3.35	65.5	65.66	72.66	83.24	5.17	70.62	79.48	87.34
2021-09-24	102.89	5.6	89.75	99.64	108.37	77.75	2.97	65.52	66.68	72.91	83.15	4.88	71.13	81.2	87.79
2021-10-01	103.56	5.7	90	100.35	109.44	76.02	2	65.48	65.8	69.74	82.95	4.66	71.89	80.73	87.15
2021-10-08	116.44	5.82	90.14	100.34	108.96	89.47	3.85	64.88	65.92	69.54	84.18	4.44	72.57	81.25	87.05
2021-10-15	102.72	5.55	89.47	99.33	108.28	69.66	2.16	64.85	66.03	69.95	81.81	4.29	71.92	80.21	86.19
2021-10-22	101.71	5.41	88.98	98.5	107.51	70.76	2.16	65.01	67.38	71.21	83.38	4.14	74.23	81.83	87.59
2021-10-29	102.43	5.33	89.7	99.4	107.76	72.24	2.81	64.85	66.43	72.78	82.67	4.48	72.36	80.38	87.07
2021-11-05	103.6	5.74	90.09	100.43	108.58	69.43	2.13	65.12	67.79	71.01	83.92	3.71	75.88	82.71	87.69
2021-11-12	104.78	6.2	89.06	100.8	109.12	71.15	4.19	64.85	66.35	77.25	84.39	5.68	70.88	80.76	89.53
2021-11-19	106.18	5.94	89.03	100.63	108.54	68.4	2.15	64.84	65.82	69.85	82.71	4.93	70.35	79.86	85.63
2021-11-26	102.85	5.76	88.06	99.96	107.54	74.79	2.65	64.86	66.72	72.42	83.58	4.37	72.05	80.69	86.18
2021-12-03	104.97	5.59	91.42	102.13	110.66	77.11	2.09	64.85	66.84	69.39	83.02	4.19	72.25	81.34	85.95
2021-12-10	103.31	5.66	89.76	100.48	108.52	71.24	2.59	64.85	67.37	71.48	83.61	4.78	72.29	82.19	87.74
2021-12-17	106.24	5.47	93.41	103.02	111.1	78.53	2.3	64.86	66.32	71.14	83.71	4.72	72.39	80.71	87.57
2021-12-24	103.51	6.2	87.7	100.73	108.61	74.47	1.85	64.86	67.46	69.44	83.7	4.6	71.72	81.56	86.85
2022-01-01	103.77	6.22	88.23	101.55	109.09	68.66	1.86	64.97	68.34	71.66	83.65	3.44	76.23	82.89	86.87
2022-01-08	105.32	6.72	87.29	101.33	109.13	79.95	2.95	64.83	65.75	73.2	84.1	4.95	69.96	79.39	86.77
2022-01-15	104.63	5.91	90.74	101.39	110.15	77.06	2.3	64.82	64.89	70.51	83.37	4.95	68.05	77.39	84.29
2022-01-22	104.05	6.31	88.85	100.52	109.53	75.33	1.75	64.83	64.94	66.28	79.21	4.78	68.28	76.15	84.08
2022-01-29	106.71	5.95	90.99	102.46	111.43	76.39	2.01	64.87	66.32	69.94	81.89	4.13	72.38	79.88	85.04
2022-02-05	104.45	6	89.05	100.66	109.31	79.9	1.95	64.83	64.92	67.87	83.17	4.86	68.26	77.22	83.58
2022-02-12	103.21	6.17	87.81	100.51	108.37	67.35	1.83	64.83	64.98	67.52	78.61	4.79	67.94	76.57	83.27
2022-02-19	104.12	5.71	90.15	101.41	109.14	79.26	1.99	64.84	65.81	68.95	85.26	5.03	70.13	79.93	85.99
2022-02-26	104.26	6.02	89.23	101.31	109.19	69.94	2.46	64.83	65.35	71.5	81.31	4.95	68.89	78.33	85.28
2022-03-05	103.29	6.34	87.38	100.03	108.69	68.91	1.8	64.83	65.42	68.45	80.92	5.13	68.44	79.07	84.84
2022-03-12	114.51	6.29	87.6	98.4	108.11	69.79	2.64	65.12	66.72	72.82	81.74	4.37	70.98	80	85
2022-03-19	102.4	5.98	88.01	98.54	108.24	69.29	2.15	65.12	66.13	71.09	81.74	4.32	70.94	79.64	84.62

2022-03-26	102.59	6.21	87.76	98.75	108.49	67.05	2.06	65.1	65.27	70.9	79.02	4.53	68.28	77.08	83.52
2022-04-02	102.47	6.1	87.57	98.21	108.15	69.67	2.54	65.1	66.31	71.64	82.69	4.97	71.2	80.34	87.42
2022-04-09	102.35	6.13	87.52	98.54	108.11	67.69	2	65.11	66	69.9	81.92	5.11	69.45	79.65	86.6
2022-04-16	102.68	5.71	89.22	98.84	108.16	74.23	2.02	65.1	65.8	70.08	82.32	5.72	68.17	79.59	87.28
2022-04-23	102.14	5.56	88.83	98.87	107.93	72.58	1.83	65.09	65.18	67.08	80.68	5.22	66.9	75.88	83.2
2022-04-30	101.78	5.59	88.14	98.86	107.28	71.22	2.75	65.09	65.29	72.46	80.1	5.22	67.54	77.83	84.07
2022-05-07	102.15	5.75	88.53	98.62	107.97	67.97	1.58	65.1	65.6	68.98	80.98	4.5	70.94	78.73	86.3
2022-05-14	103.25	6.01	87.83	99.85	108.78	75.83	2.79	65.1	65.94	71.7	82.31	4.91	71.14	79.63	87.51
2022-05-21	102.63	5.83	88.6	99.23	108.66	83.5	2.78	65.09	65.18	69.98	82.16	5.23	68.54	78.4	85.57
2022-05-28	102.35	5.82	88.25	98.76	107.98	68.78	1.99	65.09	65.19	69.16	81.31	4.83	69.36	78.13	84.83
2022-06-04	102.54	5.44	90.46	99.19	108.15	69.72	2.58	65.09	65.32	72.07	82.3	4.66	71.52	79.14	86.7
2022-06-11	103.89	6.12	88.91	99.9	109.96	72.76	2.04	65.1	65.47	68.6	83.47	4.99	70.4	79.19	86.59
2022-06-18	102.43	5.78	88.56	99.18	108.28	70.09	1.86	65.09	65.3	69.24	81.66	4.87	70.04	78.9	86.36
2022-06-25	101.53	5.78	87.47	98.84	107.06	84.59	2.24	65.08	65.14	66.71	79.2	4.78	66.8	75.02	81.84
2022-07-02	116.43	5.81	90.8	100.11	108.61	94.03	6.25	62.73	65.02	73.77	84.66	4.98	70.38	77.69	86.11
2022-07-09	106.47	6.29	90.28	101.87	112.77	67.07	1.56	62.72	62.8	64.41	81.12	4.79	69.17	77.23	84.71
2022-07-16	106.84	6.11	92.75	102.07	113.46	80.69	2.14	62.71	62.77	64.4	79.96	4.57	68.63	76.22	82.77
2022-07-23	105.95	6.12	90.7	102.76	112.15	65.91	1.59	62.72	62.88	65.09	79.63	4.7	67.76	75.24	82.07
2022-07-30	106.1	6	91.43	101.89	112.26	75.64	2.5	62.71	62.85	65.12	80.54	5.01	66.74	74.55	81.63
2022-08-06	108.48	6.79	91.45	102.43	115.32	66.35	1.71	62.71	62.93	65.62	80.41	5.58	66.86	75.89	83.44
2022-08-13	108.46	6.79	91.43	103.11	115.46	72.22	1.95	62.71	62.77	64.58	79.9	5.01	66.6	74.48	82.13
2022-08-20	107.76	6.27	92.1	102.59	113.35	76.85	3.41	62.71	62.78	64.37	78.06	4.66	66.09	73.52	80.75
2022-08-27	106.71	5.66	93.19	102.61	111.94	82.2	2.74	62.71	62.83	65.32	78.95	4.89	67.08	74.81	83.18
2022-09-03	113.75	7.85	92.84	102.68	121.76	74.25	2.12	62.71	63.23	66.32	82	5.66	68.01	77.88	85.58
2022-09-10	112.78	7.77	92.55	103.67	120.01	68.21	2.12	62.7	62.78	65.16	78.5	4.81	67.05	75.29	83.18
2022-09-17	107.56	6.76	89.71	101.15	112.63	75.23	2.19	62.71	63.02	66.04	80.97	5.24	67.89	77.64	84.78
2022-09-24	114.36	7.86	91.74	101.99	118.93	66.4	1.51	62.7	62.76	64.22	80.22	4.84	66.87	75.97	82.64
2022-10-01	114.45	8.92	89.32	100.68	121.18	63.17	0.59	62.7	62.76	63.4	79.86	4.82	66.93	75.69	82.99
2022-10-08	119.13	10.51	90.68	102.75	127.1	63.48	1.1	62.7	62.76	66.11	80.02	5.45	67.4	77.08	85.28
2022-10-15	125.69	7.98	87.6	100.92	112.39	83.02	2	62.71	62.76	64.66	81.55	5.53	67.94	77.8	86.15

2022-10-22	104.95	5.26	91.89	101.59	110.34	66.44	2.46	62.75	64.48	69.47	84.47	4.55	73.78	82.62	88.35
2022-10-29	104.42	6.12	88.89	101.25	109.99	66.83	2.66	62.74	64.85	70.85	85.02	4.1	74.59	83.01	87.92
2022-11-05	105.25	5.61	91.22	101.72	110.18	66.44	1.93	62.75	64.8	67.63	85.89	4.47	75.61	83.08	90.68
2022-11-12	104.73	6.32	89.16	100.67	110.37	86.7	3.5	62.73	63.39	66.1	83.46	4.17	73.38	80.14	86.73
2022-11-19	104.8	6.24	89.1	100.42	110.72	64.98	2.28	62.71	62.86	68.21	81.93	4.82	70.6	78.85	86.17
2022-11-26	105.14	6.14	90.94	101.19	111.23	67.84	2.1	62.73	65.61	67.89	85.77	4.79	74.39	83.88	90.01
2022-12-03	104.54	6.12	89.45	100.69	110.14	64.94	1.93	62.73	63.56	67.91	82.77	5.23	70.84	81.04	87.36
2022-12-10	104.31	5.99	89.87	99.81	110	65.57	1.79	62.74	65.14	67.96	84.97	4.94	72.81	82.78	90.8
2022-12-17	103.36	6.38	88.14	99.52	108.79	65	1.77	62.74	64.24	67.47	81.95	4.98	70.69	80.35	86.33
2022-12-24															
2023-01-01															
2023-01-08															
2023-01-15															
2023-01-22															
2023-01-29	103.14	5.12	91.4	99.76	108.85	64.64	1.83	62.73	63.24	67.96	82.6	4.45	72.9	80.09	87.77
2023-02-05	103.59	6.43	87.51	99.29	109.57	75.8	3.35	62.75	64.93	68.28	83.78	5.22	70.56	81.9	86.86
2023-02-12	105.06	6.15	89.82	100.07	110.03	82.21	3.79	62.75	63.83	68.11	83.73	5.02	72.38	80.63	88.55
2023-02-19	107.19	5.58	93.47	102.05	111.46	75.54	3.62	62.8	64.13	67.94	84.39	5.69	71.14	81.74	88.38
2023-02-26	105.08	5.91	90.65	100.82	110.13	72.89	2.98	62.79	65.57	68.6	84.11	4.48	73.03	82.57	88.08
2023-03-05	117.39	5.91	92.13	101.9	110.97	67.73	1.93	62.88	64.33	67.66	86	4.69	71.5	80.77	87.05
2023-03-12	105.51	6.24	89.45	102.08	111	67.07	2.16	62.86	63.33	68.39	81.49	4.66	70.35	79.41	84.9
2023-03-19	105.98	5.95	91.6	102.35	111.94	68.75	1.59	62.86	62.99	66.76	79.71	4.81	69.23	77.37	84.7
2023-03-26	105.51	6.36	89.7	101.89	111.37	64.72	1.44	62.86	63.99	66.39	81.58	4.86	69.34	80.2	85.04
2023-04-02	104.35	6	89.67	101.11	110.21	73.52	1.9	62.87	63.99	67.26	81.69	4.35	71.93	79.88	85.91
2023-04-09	105	6.16	89.52	101.87	110.91	65.33	1.93	62.86	63.51	67.87	82.33	4.76	71.35	80.41	86.79
2023-04-16	105.59	6.09	90.96	101.34	111.01	65.67	1.93	62.9	64.97	68.01	83.97	4.68	73.58	82.06	88.25
2023-04-23	105.66	5.97	90.75	102.6	111.22	78.98	2.24	62.86	62.94	66.92	80.15	5	68.1	76.87	85.12
2023-04-30	104.56	5.51	90.87	102.22	109.76	64.56	1.71	62.86	63.24	67.17	81.46	5.14	68.93	78.9	85.9
2023-05-07	107.23	5.85	92.32	103.36	111.57	73.25	1.83	62.85	62.9	63.71	84.25	5.78	69.09	78.12	88.33
2023-05-14	105.37	5.94	90.46	102.67	110.93	76.63	1.79	62.85	62.92	63.74	82.16	5.33	69.41	77.98	87.33

2023-05-21	105.82	5.4	92.53	102.76	111.17	74.76	1.84	62.86	62.94	64.85	79.69	4.94	67.82	76.66	83.76
2023-05-28	104.89	5.45	91.29	102.4	109.86	77.04	1.86	62.86	62.95	64.41	78.53	4.66	66.94	74.4	81.53
2023-06-04	105.84	5.32	93.38	102.81	111.25	76.12	2.38	62.87	63.85	68.64	82.06	5.39	69.85	78.64	87.16
2023-06-11	104.62	5.58	90.48	102.07	109.64	64.61	1.35	62.86	63.03	65.81	80.04	5.37	67.37	75.77	84.53
2023-06-18	114.05	5.78	92.11	102.7	111.07	85.04	2.35	62.86	62.96	65.29	95.35	4.7	68.64	76.13	82.43
2023-06-25	110.08	4.96	94.41	103.51	111.22	81.38	2.42	62.86	62.94	64.5	89.13	4.66	69.06	77.14	83.4
2023-07-02	118.26	6.79	88.27	100.69	109.62	89.59	3.85	62.4	63.55	66.69	98.75	5.57	69.75	78.18	86.26
2023-07-09	101.65	5.79	87.16	99.18	106.86	80.94	2.15	62.37	62.53	64.45	79.83	4.71	67.13	74.52	81.65
2023-07-16	104.53	5.78	90.78	101.01	109.25	63.53	1.23	62.37	62.5	64.12	80.02	4.59	67.97	75.79	81.96
2023-07-23	105.17	5.33	91.97	101.66	109.72	68.18	2.06	62.37	62.62	65.81	81.98	5.23	67.49	75.97	83.53
2023-07-30	103.99	5.65	89.55	101.27	108.98	82.44	2.69	62.37	62.43	64.09	79.83	4.95	66.65	73.78	82.3
2023-08-06	103.71	5.62	90.32	100.74	109.27	66.58	1.82	62.38	62.53	64.28	79.46	4.57	67.73	74.92	82.33
2023-08-13	103.96	5.18	91.52	101.69	109.13	66.18	1.69	62.38	63.88	66.2	81.75	5.1	69.94	80.81	85.55
2023-08-20	103.56	5.56	89.72	101.49	108.75	75.34	2.53	62.38	63.03	66.63	81.13	5.05	69.21	78.5	85.26
2023-08-27	104.55	5.56	91.27	102.23	109.82	75.08	2.7	62.37	62.49	67.73	81.27	4.87	68.92	77.5	84.38
2023-09-03	104.95	5.55	90.36	101.32	108.85	64.16	1.5	62.37	62.47	64.21	79.13	4.83	67.57	76.38	83.37
2023-09-10	104.14	5.55	90.44	101.7	109.17	71.98	1.52	62.37	62.43	63.37	80.29	5.28	67.04	76.89	84.59
2023-09-17	104.19	5.53	90.6	102	109.49	77.89	2.14	62.38	62.85	66.43	82.49	5.08	70.15	80.84	86.18
2023-09-24	104	5.13	91.71	101.77	109.03	85.79	2.73	62.4	63.99	68.56	84.03	3.96	75.03	82.61	87.59
2023-10-01	104.94	5.86	90.05	101.31	109.79	74.39	1.91	62.37	62.49	66.46	82.77	4.52	72.15	81.03	86.87
2023-10-08	104.43	6.47	88.42	100.92	110.08	74.07	2.48	62.37	62.68	68.23	83.66	5.28	70.77	81.26	88.24
2023-10-15	109.82	6.38	86.52	98.8	108.08	89.04	3.85	62.39	63.75	71.55	83.64	5	71.58	81.74	88.07
2023-10-22	102.8	5.4	89.77	99.75	107.94	76.22	3.06	62.61	63.63	68.39	83.61	4.9	72.54	81.16	89.21
2023-10-29	103.61	5.7	89.7	100.57	109.22	65.04	2.46	62.59	62.69	70.13	81.46	4.32	72.18	79.34	86.21
2023-11-05	102.59	6.12	87.29	99.62	108.29	65.27	1.96	62.62	64.39	68.15	82.67	4.27	73.23	80.57	87.06
2023-11-12	103.77	5.62	90.32	101.2	109.21	64.08	1.67	62.58	62.69	66.56	80.79	4.21	71.61	79.22	85.14
2023-11-19	103.74	6.03	89.13	100.51	109.22	65.11	1.98	62.6	64.01	67.01	81.52	4.12	72.53	80.53	85.34
2023-11-26	105.34	6.1	89.83	100.69	110.61	64.75	2.07	62.58	62.72	67.34	81.53	4.67	70.68	79.33	85.98
2023-12-03	103.47	6.07	87.87	98.75	108.86	66.13	2.58	62.6	63.49	70.26	82.03	4.35	72.24	79.58	86.49
2023-12-10	105	6.14	90.11	100.06	110.57	69.53	2.4	62.58	62.98	68.35	82.41	4.43	72.83	79.39	87.44

2023-12-17	106.69	6.31	88.42	100.23	109.75	65.75	2.03	62.58	62.86	67.47	82.29	4.71	69.9	78.48	85.11
2023-12-24	103.13	6.2	86.96	99.64	108.62	64.79	1.69	62.61	63.95	67.07	81.41	4.23	71.81	80.01	85.41
2024-01-01	101.66	6.18	86.03	98.4	107.13	65.01	2.02	62.58	63.82	68.02	81.18	5.69	67.28	79.33	85.8
2024-01-08	104.88	6.5	88.79	100.56	111	71.31	2.34	62.61	65.4	67.99	84.43	4.94	72.68	83.16	87.88
2024-01-15	103.47	6.15	88.75	99.66	109.25	64.98	2.25	62.58	62.97	69.51	80.23	4.74	69.29	78.64	84.98
2024-01-22	108.61	6.78	90.35	99.79	112.33	70.54	3.4	62.63	63.85	72.26	87.98	5.75	71.17	79.55	88.28
2024-01-29	111.41	6.65	90.14	99.71	111.1	72.67	2.44	62.59	63	68.17	90.45	5.27	71.23	79.03	86.35
2024-02-05	105.35	6.72	88.7	100.43	111.87	64.71	1.94	62.59	63.19	68.6	80.87	4.23	71.44	79.5	84.91
2024-02-12	104.93	6.11	90.14	100.15	110.95	85.41	3.2	62.63	64.75	68.76	82.64	5.05	69.69	81.18	86.31
2024-02-19	117.37	6.39	89.98	100.1	111.26	71.25	3.61	62.61	63.23	71.7	83.36	5.18	69.25	77.81	85.05
2024-02-26	103.21	5.11	91.59	99.73	108.39	68.37	2.52	63.07	66.27	70.14	84.22	4.66	73.22	82.6	87.26
2024-03-04	103.34	5.54	89.5	100.51	108.22	66.55	2.2	62.94	64.07	67.81	81.44	4.41	71.79	79.68	86.08
2024-03-11	103.49	5.4	90.35	100.26	108.99	64.67	1.75	62.93	63.09	67.62	80.1	4.9	69.35	77.41	85.47
2024-03-18	102.82	6.39	86.38	99.74	108.32	71.19	2.09	62.93	63.03	68.02	77.57	4.85	66.63	75.55	82.19
2024-03-25	103.31	6.33	87.5	99.89	109.06	64.71	1.65	62.94	63.32	66.69	80.28	5.24	68.36	77.78	85.36
2024-04-01	104.1	5.78	89.45	100.4	108.73	66.99	1.5	62.94	63.61	66.3	81.34	5.07	68.42	78.09	85.65
2024-04-08	104.27	5.99	88.11	100.73	108.55	66.75	1.8	62.94	64.71	67.19	81.86	4.57	70.36	79.62	85.01
2024-04-15	102.66	5.88	88.32	100	108.02	69.59	1.45	62.93	63.17	66.24	78.9	4.82	67.84	76.62	83.73
2024-04-22	102.67	5.8	87.46	100.16	107.19	66.02	2.17	62.93	63.41	68.07	79.76	4.43	68.95	77.19	82.81
2024-04-29	103.79	5.4	90.35	100.06	107.68	70.3	2.08	62.92	63.17	66.17	82.7	5.16	67.66	76.45	83.83
2024-05-06	103.13	5.82	89.15	100.09	108.55	67.22	1.52	62.92	63.12	65.89	78.91	4.44	68.36	77.41	82.76
2024-05-13	102.09	5.39	89.74	99.53	107.59	64.35	1.21	62.93	63.32	66.08	79.83	5.25	66.92	77.4	84.4
2024-05-20	101.88	5.39	89.24	99.22	107.02	70.66	2.31	62.93	63.81	68.69	79.59	4.72	68.33	77.59	83.97
2024-05-27	103.35	5.3	90.72	100.13	108.67	79.82	2.76	62.93	63.3	68.73	79.43	4.07	70.14	77.72	83.24
2024-06-03	103.25	5.18	90.8	100.67	108.51	74.93	2.56	62.92	63.77	68.88	82.04	4.54	71.5	80.23	86.14
2024-06-10	103.28	5.09	91.4	100.72	108.32	76.23	2.4	62.92	63.21	66.24	80.4	4.66	69.6	77.63	84.65
2024-06-17	103.59	5.44	90.4	100.6	108.23	83.21	2.55	62.91	62.99	66.34	82.19	4.94	66.5	74.27	82.55
2024-06-24	103.85	5.76	89.49	100.58	109.15	84.38	3.04	62.91	63.02	66.27	78.26	4.81	66.71	74.88	81.94
2024-07-01	103.68	5.39	90.95	100.97	108.81	80.06	2.42	62.92	63.22	65.8	78.67	4.93	67.21	75.92	82.44
2024-07-08	118.76	5.55	91.91	101.27	109.4	88.86	4.52	62.94	63.71	66.64	80.88	6.32	64.89	72.46	82.46

2024-07-15	104.66	5.37	92.31	101.81	110.09	83.2	2.3	63.59	63.66	64.97	80.19	4.97	63.94	70.78	78.07
2024-07-22	108.53	6.65	92.29	103.16	115.26	83.18	1.89	63.6	63.75	65.47	79.48	4.79	65.56	73.38	80.12
2024-07-29	107.99	6.38	92.85	103.05	114.75	72.46	2.37	63.6	63.75	66.69	78.57	5.18	65.25	73.66	80.91
2024-08-05	107.63	5.98	93.47	102.74	113.35	76.77	1.61	63.59	63.66	64.25	77.37	4.61	65.45	73.04	79.6
2024-08-12	105.16	5.65	91.19	102.52	110.5	84.59	2.59	63.59	63.72	65.51	78.42	5.16	65.13	72.54	80.83
2024-08-19	109.11	6.53	93.31	103.49	115.49	79.98	2.62	63.61	63.94	70.07	77.61	4.61	65.92	74.1	80.47
2024-08-26	107.74	6.01	93.88	103.04	114.55	82.67	2.45	63.6	63.98	66.87	78.66	4.79	67.02	76.39	82.16
2024-09-02	106.22	6.01	91.81	101.87	112.19	86.77	2.67	63.58	63.65	65.45	77.94	4.97	65.05	73.07	80.86
2024-09-09	104.86	5.69	91.06	101.51	109.66	83.71	2.22	63.59	63.89	66.88	78.39	4.85	66.3	74.83	80.62
2024-09-16	109.08	6.2	94.45	103.75	114.61	72.36	2	63.59	63.73	66.97	78.73	5.63	66.18	75.58	83.19
2024-09-23	106.73	6.36	90.32	102.11	111.35	74.4	2.62	63.6	64.47	70.92	80.93	4.74	69.58	77.8	84.43
2024-09-30	106.88	5.51	93.15	103.99	111.48	68.72	1.8	63.59	63.67	66.82	80.25	4.82	68.76	77.23	84.81
2024-10-07	118.6	5.88	91.02	102.95	110.63	68.16	1.87	63.59	63.7	66.33	80.27	4.61	69.17	77.19	83.99
2024-10-14	104.34	5.92	90.05	101.69	109.75	72.82	3.24	62.39	63.9	72.08	82.74	5.21	70.92	80.39	87.58
2024-10-21	104.8	5.89	90.28	102.1	110.03	64.93	2.13	62.36	62.51	67.7	81.72	4.45	71.63	79.33	85.85
2024-10-28	104.47	5.53	91.39	101.9	109.63	65.95	2.28	62.4	64.72	68.31	83.32	4.22	73.8	81.88	87.18
2024-11-04	104.01	6.37	88.7	101.11	109.38	65.76	2.93	62.36	62.54	70.86	82.2	5.42	70.18	78.85	87.25
2024-11-11	105.97	6.67	87.71	101.21	109.77	86.67	2.87	62.42	64.69	69.98	87.09	4.51	74.65	81.85	88.72
2024-11-18	104.83	5.71	91.26	101.2	110.43	73.92	2.38	62.41	65.22	68.31	85.15	4.97	73.77	83.18	89.52
2024-11-25	103.72	5.51	90.93	100.54	109.67	63.97	1.48	62.36	62.97	66.02	80.96	4	71.76	80.11	84.86
2024-12-02	104.46	5.61	91.25	101.44	110.01	64.33	1.88	62.35	62.43	66.11	81.02	4.57	70.72	78.67	85.32
2024-12-09	105.44	6.1	91.12	101.58	111.25	77.44	2.34	62.35	62.49	67.61	83.1	5.44	70.49	80.2	88.57
2024-12-16	105.46	6.27	89.79	101.73	111.15	66.27	2.87	62.37	64.06	70.26	83.34	5.22	70.44	81.44	87.84
2024-12-23	103.09	6.55	87.69	99.61	108.46	66.12	2.52	62.39	64.69	69.89	83.75	4.82	72.68	82.02	88.32

Table 17c: Strait of Georgia south weekly sound pressure levels (SPL) in decibels (dB). Mean (Avg) and standard deviation (Std), Q₅, Q₅₀ and Q₉₅ levels for rain and commercial vessels are given.

Date	Avg 19500- 20500 Hz	Std 19500- 20500 Hz	Q5 19500- 20500 Hz	Q50 19500- 20500 Hz	Q95 19500- 20500 Hz	Avg 57-71 Hz	Std 57- 71 Hz	Q5 57- 71 Hz	Q50 57-71 Hz	Q95 57-71 Hz	Avg 113- 141 Hz	Std 113- 141 Hz	Q5 113- 141 Hz	Q50 113- 141 Hz	Q95 113- 141 Hz
2020-01-01	71.74	3.07	65.67	66.11	73.04	93.47	5.08	81.64	90.71	98.93	94.38	4.87	83.41	90.8	99.48
2020-01-08	77.22	5.69	65.7	68.94	83.83	96.87	5.69	82.47	92.21	101.43	95.18	4.93	83.78	90.98	99.86
2020-01-15	76.09	5.12	65.68	67.58	79.9	95.58	5.27	83.35	91.88	100.81	96.32	5.04	83.47	90.82	99.92
2020-01-22	73.02	4.07	65.66	66	78.17	94.73	5.6	81.26	91.26	100.45	94.05	5.13	82.49	90.83	99.46
2020-01-29	73.97	3.5	65.66	65.96	72.41	95.1	5.74	80.53	90.73	99.87	94.3	5.05	83.16	90.63	100.3
2020-02-05	73.83	3.71	65.67	66.18	74.02	95.51	5.59	81.93	92.29	100.75	95.19	5.12	83.34	90.97	100.16
2020-02-12	79.08	6.43	65.74	71.59	85.06	94.55	5.59	81.4	91.43	100.21	95.64	5.18	83.77	91.46	101.1
2020-02-19	73.34	2.69	65.68	65.95	71.21	94.78	5.41	82.13	91.2	100.41	95.03	5.28	82.62	91.02	100.05
2020-02-26	78.65	6.09	65.8	73.78	84.38	95.79	6.19	79.55	91.21	100.64	95.5	5.38	81.95	90.72	99.72
2020-03-04	76.63	5.54	65.7	69.07	80.68	97.48	6.43	82.48	92.73	103.87	95.57	5.44	82.73	91.02	100.28
2020-03-11	77.14	6.07	65.68	71.81	81.27	94.8	5.51	82.17	91.08	100.83	94.72	4.82	84.31	91.09	100.15
2020-03-18	77.86	6.47	63.56	68.83	82.42	111.85	6.19	82.65	91.45	102.1	106.51	5.67	84.34	91.99	101.73
2020-03-25	76.55	5.39	63.67	75.17	79.99	96.07	6.18	80.42	90.89	101.52	96.66	5.36	83.69	92.14	101.29
2020-04-01	78.77	6.22	63.9	73.11	84.47	96.69	6.38	80.54	91.95	101.88	97.5	5.39	83.65	93.01	101.21
2020-04-08	75.61	5.88	63.54	71.32	81.68	96.16	6.72	79.71	92.18	101.9	96.57	5.43	83.91	93.1	100.86
2020-04-15	75.84	6.36	63.5	70.92	80.08	97.49	6.05	82.32	92.97	102.45	100.37	5.04	86.14	93.67	102.24
2020-04-22															
2020-04-29															
2020-05-06															
2020-05-13															
2020-05-20															
2020-05-27															
2020-06-03															
2020-06-10															
2020-06-17															
2020-06-24															

2020-07-01																
2020-07-08																
2020-07-15																
2020-07-22																
2020-07-29																
2020-08-05																
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2020-11-25																
2020-12-02																
2020-12-09																
2020-12-16																
2020-12-23																
2021-01-01	79.28	6.3	63.76	75.91	85.15	94.98	7.33	77.67	90.18	101.22	94.3	5.97	80.62	90.86	99.54	
2021-01-08	77.03	6.19	63.6	72.83	83.2	95.76	6.32	79.86	92.41	101.49	95.88	5.4	83.38	92.28	100.92	
2021-01-15	73.92	4.04	63.48	64.49	74.33	96.45	6.74	79.38	92.21	101.63	97.08	5.94	82.18	92.29	102	
2021-01-22	76.65	5.34	63.9	74.58	80.64	96.77	7.21	79	92.42	102.35	97.34	5.91	82.28	92.65	101.6	

2021-01-29	77.51	5.91	64.03	73.93	82.69	108.62	6.79	81.5	92.32	102.64	109.87	6.23	83.14	92.16	103
2021-02-05	76.48	5.03	65.09	74.66	79.39	95.41	6.17	80.16	90.97	100.72	95.52	5.79	82.09	90.31	100.96
2021-02-12	79.1	4.94	64.98	76.64	80.34	95.86	6.59	79.39	90.5	101.06	97.2	6.04	81.47	90.1	100.59
2021-02-19	75.61	4.7	65.07	73.59	80.16	94.97	7.47	75.96	89.77	101.11	95.45	6.42	79.13	89.54	100.64
2021-02-26	74.69	5.35	64.87	71.2	79.85	95.12	6.7	79.03	90.45	101.11	95.97	5.95	81.35	90.26	100.68
2021-03-05	74.43	4.95	65.04	70.95	79.68	95.4	6.86	78.23	90.59	101.42	95.37	6.11	80.19	90.54	101.09
2021-03-12	72.49	4.52	64.92	65.66	77.53	96.43	6.76	78.89	90.51	101.21	95.55	5.88	81.2	90.29	100.43
2021-03-19	75.21	4.93	64.96	73.15	79.4	94.53	6.24	80.16	89.94	100.51	93.55	5.29	81.5	89.85	98.41
2021-03-26	75.44	5.94	64.93	68.93	80.19	96	7	77.68	90.48	101.14	96.04	6.31	80.35	89.64	100.6
2021-04-02	74.35	4.99	64.93	71.43	78.59	93.7	6.46	77.92	88.09	99.19	93.4	5.84	79.44	88.66	98.87
2021-04-09	75.56	4.71	64.85	74.31	79.35	105.96	6.39	78.35	87.81	99	95.52	6.12	79.97	89.3	99.79
2021-04-16	69.56	3.99	63.73	63.86	75.69	94.61	6.44	79.36	89.31	100.22	97.16	6.14	81.86	91.09	101.32
2021-04-23	73.9	5.69	63.73	66.42	81.03	93.9	6.88	76.51	89.02	100.15	95.83	6.18	80.67	90.69	100.42
2021-04-30	73.73	4.77	63.73	64.2	77.78	96.7	6.2	81.93	90.73	102.66	96.93	6.3	81.25	92.43	102.58
2021-05-07	73.03	4.85	63.72	64.55	76.85	95.96	6.71	79.05	89.67	101.44	98.32	6.97	80.61	91.94	103.88
2021-05-14	74.79	4.95	63.75	70.29	76.56	94.77	6.11	79.99	89.26	100.72	96.21	5.87	81.97	91.58	101.17
2021-05-21	71.9	4.79	63.71	64.72	78.2	95.31	6.78	78.83	90.05	101.34	96.2	6.27	80.88	91.2	101.1
2021-05-28	71.52	3.69	63.72	64.01	74.18	98.16	6.19	82.27	92.63	102.5	97.64	5.71	83.9	93.26	102.43
2021-06-04	80.11	6.18	63.77	68.14	82.71	107.98	6.77	80.64	91.31	101.75	102.4	5.88	83.23	92.19	101.51
2021-06-11	79.35	6.26	65.41	67.8	86.25	95.78	5.65	82.09	91.02	101.51	96.3	5.31	83.57	91.55	100.56
2021-06-18	74.75	3.93	65.4	66.55	75.88	95.22	5.34	82.87	91.74	100.76	95.52	5.2	83.57	91.54	100.96
2021-06-25	74.73	4.12	65.39	67.29	76.17	95.71	5.67	81.64	91.76	100.93	96.46	5.51	82.24	90.87	100
2021-07-02	72.82	4.03	65.38	66.48	76.12	94.8	5.45	81.59	91.43	100.52	94.67	4.95	83.37	91.13	99.67
2021-07-09	70.16	2.9	65.39	66.34	73.3	94.58	5.56	81.37	91.65	99.97	93	4.86	81.96	90.57	97.93
2021-07-16	71.99	3.83	65.37	68.39	75.52	94.89	5.63	81.61	91.57	100.66	93.35	4.91	82.04	90.66	98.32
2021-07-23	72.24	3.38	65.39	66.2	75.33	96.13	5.96	81.53	92.65	101.6	94.41	4.87	83.77	91.26	99.73
2021-07-30	72.56	3.62	65.36	65.66	74.82	95.06	5.74	80.84	91.88	100.68	95.09	5.32	82.54	91.24	100.39
2021-08-06	75.12	4.98	65.39	71.28	77.92	95.8	5.58	81.84	92.47	101.69	95.41	5.26	83.24	91.2	100.83
2021-08-13	72.19	4.16	65.38	66.6	77.03	94.92	5.26	82.62	91.83	100.68	94.14	5.14	82.82	90.61	100.01
2021-08-20	73.41	4.07	65.41	67.2	76.02	95.49	5.85	80.92	92.51	101.11	94.53	5.08	82.73	91.2	99.77

2021-08-27	75.6	4.11	65.42	67.09	76.31	94.73	5.6	81.5	91.8	100.47	94.93	4.99	83.98	91.69	100.54
2021-09-03	76.64	5.01	65.42	65.87	80.24	96.39	5.43	82.73	93	101.85	97.44	5.19	84.91	92.38	102.09
2021-09-10	76.91	5.73	65.45	68.26	80.32	96.35	5.61	82.98	92.85	102.23	96.08	5.12	83.76	92.27	100.72
2021-09-17	79.11	6.75	65.43	67.36	83.96	96.7	5.9	82.02	92.69	102.11	96.01	4.95	84.71	91.88	100.83
2021-09-24	77.81	6.24	65.44	72.9	83.61	95.74	5.89	81.38	91.89	101.33	95.06	5.11	83.07	91.28	99.96
2021-10-01	75.97	5.22	65.42	69.17	80.18	95.97	5.87	81.9	92.25	101.71	95.45	5.04	84.14	92.04	100.63
2021-10-08	76.75	5.31	65.41	71.27	79.55	113.07	6.16	81.46	92.26	101.72	105.15	5.07	84.19	91.67	100.05
2021-10-15	77.08	5.43	65.29	72.56	82.21	94.9	5.82	80.77	90.8	100.6	94.99	4.84	84.2	91.57	99.87
2021-10-22	78.16	4.63	67.44	76.04	82.98	93.99	5.9	79.64	89.96	99.77	94.5	4.72	84.31	90.97	99.82
2021-10-29	79.87	6.66	65.35	73.9	86.82	94.61	5.72	80.54	91.06	99.85	96.29	5.27	84.35	92.31	101.4
2021-11-05	78.41	4.13	68.47	76.58	82.43	95.93	6.18	81.2	91.68	101.21	95.66	5.17	84.05	92.11	100.42
2021-11-12	84.08	8.57	65.29	73.65	91.77	96.66	6.68	80.01	92.05	101.25	98.63	5.98	83.73	92.87	102.1
2021-11-19	78.65	5.9	65.24	71.83	80.52	98.53	6.6	79.74	92.15	101.17	98.87	5.8	83.06	92.4	101
2021-11-26	80.76	5.91	65.37	74.76	84.69	94.55	5.99	79.55	91.15	99.94	95.92	4.96	82.72	91.7	98.52
2021-12-03	79.74	5.34	65.29	74.65	81.15	95.92	5.87	81.83	92.65	101.14	95.21	4.52	85.22	93.01	99.88
2021-12-10	78.56	5.85	65.38	75.63	83.8	95.62	6.08	80.85	91.5	100.79	95.24	4.81	84.42	92.88	99.84
2021-12-17	80.6	5.53	65.56	73.41	82.76	96.8	5.87	83.12	93.72	102.18	97.04	5.16	84.86	93.74	102.06
2021-12-24	79.06	4.88	65.42	75.56	80.14	94.95	6.99	77.49	90.96	100.51	95.58	5.86	81.34	91.51	100.16
2022-01-01	78.75	4.34	66.98	77.29	83.28	94.72	6.89	77.71	90.39	100.46	94.3	4.97	82.73	91.12	98.81
2022-01-08	82.11	6.88	65.21	71.66	87.14	97.01	7.11	77.63	91.43	100.76	96.85	5.83	82.69	92.19	101.44
2022-01-15	80.61	6.04	65.2	66.19	84.77	95.9	6.22	80.43	91.95	100.63	97.19	5.66	83.07	92.21	101.43
2022-01-22	69.5	2.84	65.23	66.27	73.01	95.11	6.79	77.32	90.71	100.79	95.5	5.59	82.11	91.33	100.72
2022-01-29	76.81	5.03	65.37	73.16	81.62	98.97	6.14	81.13	92.03	101.2	96.08	5.26	83.72	92.06	101.42
2022-02-05	80.4	4.48	65.21	65.95	76.82	95.58	6.12	79.36	90.58	100.38	95.82	5.24	83.15	91.52	100.61
2022-02-12	71.37	4.03	65.21	66.28	75.96	93.36	5.7	79.25	90.51	98.86	96.25	5.35	83.44	91.03	100.69
2022-02-19	82.49	5.28	65.25	71.84	79.47	95.26	5.67	81.44	90.73	100.44	96.18	5.16	84.04	91.34	100.83
2022-02-26	78.57	6.4	65.23	69.94	83.89	94.34	5.84	79.83	90.26	99.7	94.56	5.05	82.7	91	99.2
2022-03-05	74.25	5.2	65.22	70.19	78.46	94.26	6.33	78.39	90.3	100.12	95.22	5.48	82.32	91.22	100.83
2022-03-12	76.68	5.97	63.23	72.39	83.2	100.53	6.66	79.47	90.76	101.4	105.94	5.47	81.63	90.77	99.38
2022-03-19	74.86	5.76	63.09	69.92	81.02	95.74	6.58	79.26	90.84	101.32	95.2	5.56	82.26	90.6	100.48

2022-03-26	75.67	6.08	63.03	65.25	83.31	95.53	6.75	79.05	91.13	101.44	95.68	5.96	80.83	91.14	100.87
2022-04-02	76.23	6.49	63.09	70.58	81.55	95.61	6.71	78.57	90.26	100.91	95.89	5.47	82.56	91.35	100.17
2022-04-09	75.88	5.85	63.07	70.84	81.39	95.14	6.65	78.63	90.85	100.8	95.09	5.42	82.03	91.25	100.24
2022-04-16	74.15	5.92	63.04	70.09	79.45	95.73	6.31	80.17	90.84	101.02	94.22	5.04	82.63	91.28	99.12
2022-04-23	74.02	4.86	63.01	63.96	74.85	95.26	6.26	79.83	90.87	101.04	95.62	5.53	81.94	91.28	100.68
2022-04-30	76.62	7.1	63.02	65.66	83.43	94.46	6.28	79.17	90.76	100.41	96.48	5.33	82.44	91.33	99.38
2022-05-07	71.49	4.7	63.04	67.43	77.09	95.05	6.47	78.26	90.55	101.02	94.32	4.96	83.19	91.36	99.44
2022-05-14	75.51	6.19	63.04	69.25	81.27	95.57	6.57	78.67	91.28	101.49	94.61	5.13	82.55	91.73	99.3
2022-05-21	74.79	5.26	63.02	64.47	78.04	95.82	6.44	79.76	91.21	101.61	95.42	5.46	82.07	91.37	100.25
2022-05-28	74.28	5.51	63.02	64.55	79.42	95.34	6.35	79.51	90.22	100.99	95.56	5.42	82.71	91.3	99.93
2022-06-04	75.59	6.44	63.03	66.05	82.43	94.6	6.08	79.91	91.06	100.69	95.38	5.11	83.49	92.16	100.42
2022-06-11	74.69	4.88	63.22	67.43	77.04	95.36	6.11	80.46	91.27	101.09	95.7	5.51	82.79	91.86	100.95
2022-06-18	72.4	4.89	63.06	66.04	77.28	95.22	6.71	78.72	91.17	101.18	95.3	5.57	82.34	91.73	100.48
2022-06-25	69.95	3.52	63.01	63.37	71.73	94.23	6.48	78.08	90.62	100.11	94.45	5.05	82.84	91.15	99.26
2022-07-02	79	5.92	63.25	66.18	82.09	109.02	6.53	80.65	91.86	101.35	104.35	6.15	82.8	92.18	101.12
2022-07-09	72.46	3.46	65.3	66.76	74.64	96.41	6.1	80.5	93.05	101.57	94.94	5.3	82.65	91.96	100
2022-07-16	72.92	3.82	65.27	65.75	74.37	95.91	5.57	82.18	92.68	101.42	95.05	5.13	83.02	91.25	99.84
2022-07-23	73.14	3.9	65.28	67.12	75.61	95.45	5.68	81.6	92.18	100.98	95.54	5.3	83.23	91.36	100.28
2022-07-30	74.83	4.3	65.25	66.78	75.54	95.24	5.47	81.98	91.65	100.71	94.79	5	83.45	91.08	99.97
2022-08-06	74.22	4.7	65.26	67.71	77.13	95.76	5.73	82.39	92.26	101.54	94.41	4.9	83.42	91.14	99.17
2022-08-13	73.19	3.87	65.24	65.65	74.89	95.48	5.8	81.54	92.2	101.12	95.4	5.09	83.72	91.26	100.06
2022-08-20	71.25	2.8	65.25	65.67	73	95.48	5.84	81.56	92	101.3	94.94	4.96	83.5	91.55	99.66
2022-08-27	71.59	3.55	65.27	66.51	75.97	95.85	4.92	84.81	92.69	101.03	96.01	4.64	86.09	92.26	101.11
2022-09-03	75.59	5.39	65.27	69.77	79.01	95.76	5.69	81.37	92.73	101.23	95.44	5	84.37	92.27	100.68
2022-09-10	72.98	3.83	65.27	66	75.15	96.02	5.4	83.44	92.85	101.7	95.81	5.25	83.82	92	101.41
2022-09-17	73.92	4.68	65.27	68.36	77.95	96.65	6.19	81.28	92.21	102.45	96.46	5.34	83.97	92.31	101.74
2022-09-24	73.22	3.2	65.27	65.53	73.55	95.92	5.41	83.47	92.64	101.69	95.62	5.16	83.64	91.72	100.88
2022-10-01	71.21	2.1	65.26	65.44	70.52	97.38	6.03	80.88	91.21	101.63	96.42	5.34	82.76	91.05	100.38
2022-10-08	71.08	4.25	65.26	65.53	78.28	96.27	5.65	82.64	91.7	101.67	95.72	5.65	82.69	91.4	101.14
2022-10-15	72.56	3.75	64.9	65.56	74.44	111.51	7.25	79.46	91.35	102.57	101.83	6.01	82.42	91.03	101.31

2022-10-22	78.22	6.03	64.91	73.73	83.41	96.8	5.92	81.67	92.91	102.1	96.43	5.29	84.46	92.26	101.35
2022-10-29	79.01	6.26	64.93	74.34	84.6	96.52	6.48	80.03	92.91	102.18	96.56	5.68	83.14	92.82	101.81
2022-11-05	77.24	5.11	65.12	74.27	80.93	96.71	6.25	81.11	93.14	102.23	96.98	5.43	84.1	92.52	102.24
2022-11-12	75.28	4.27	64.93	70.14	76.61	97.15	6.86	79.98	92.55	103.2	97.85	5.93	83.12	92.67	102.72
2022-11-19	77.37	5.72	64.81	66.72	81.65	97.28	6.53	80.07	91.43	102.43	96.58	6.03	82.15	91.93	102.59
2022-11-26	77.08	5.65	64.88	75.78	80.96	96.53	6.25	81.46	92.48	102.46	95.99	5.16	84.27	92.81	101.54
2022-12-03	74.98	5.77	64.84	71.25	80.31	96.91	6.83	79.43	92.33	102.48	96.89	5.88	82.18	93.01	102.3
2022-12-10	76.35	5.1	64.91	74.72	81.38	96.11	6.49	80.69	91.2	102.27	96.63	5.46	82.94	92.26	101.72
2022-12-17	74	4.95	64.92	69.95	78.8	95.47	6.66	79.55	90.72	101.58	94.62	5.3	82.87	91.72	100.52
2022-12-24															
2023-01-01															
2023-01-08															
2023-01-15															
2023-01-22															
2023-01-29	74.9	5.38	64.84	69.1	81.1	94.65	5.53	81.45	90.65	100.12	96.06	5.25	84.26	91.44	101.5
2023-02-05	76.63	5.44	64.92	74.6	80.93	95.5	6.62	78.49	90.69	101.44	96.63	5.82	81.62	91.88	101.77
2023-02-12	75.89	5.56	64.86	71.54	80.06	96.29	5.89	82.43	91.6	101.89	97.06	5.42	84.3	92.3	102.92
2023-02-19	76.19	5.91	64.88	72.19	80.06	98.94	5.35	86.78	94	104.21	98.01	4.89	87.55	93.5	103.67
2023-02-26	77.04	5.12	64.98	75.45	81.1	96.73	5.37	84.68	92.79	102.32	97.04	4.72	86.71	92.65	102.02
2023-03-05	78.77	4.86	64.99	73.28	80.49	106.67	6.18	82.64	93.25	103.02	105.09	5.6	83.33	91.97	101.46
2023-03-12	75.68	5.63	64.85	69.21	81.39	97.53	6.36	81.82	92.75	103.02	96.77	5.85	82.29	91.79	101.67
2023-03-19	74.11	5.34	64.84	66.32	79.59	96.58	5.94	81.9	92.48	101.96	95.91	5.39	83.21	91.86	101.59
2023-03-26	74.25	4.96	64.84	72.21	78.4	96.89	6.31	81.34	92.97	102.84	96.99	5.79	83.15	92.59	102.69
2023-04-02	76.17	5.38	64.92	72.68	80.42	96.19	6.19	80.85	92.37	102.15	95.84	5.39	83.47	91.9	101.86
2023-04-09	75.55	5.71	64.84	71.1	81	96.49	6.7	79.31	92.34	102.47	97.61	5.97	82.69	92.86	102.83
2023-04-16	77.65	5.38	65.19	75.81	81.53	96.69	6.47	81.22	92.11	102.68	96.39	5.6	82.95	92.18	101.73
2023-04-23	76.36	5.7	64.83	65.78	81.67	97.87	6.44	82.11	94.15	103.44	96.67	5.6	83.61	92.61	102.04
2023-04-30	74.92	5.41	64.87	69.36	80.45	96.81	5.91	82.15	93.89	102.44	96.22	5.28	83.49	92.39	101.19
2023-05-07	74.53	3.43	64.82	65.24	73.21	99.69	6.06	83.67	94.54	103.52	98.99	5.8	84.19	93.28	103.3
2023-05-14	72.09	3.9	64.83	65.65	74.24	97.46	6.56	80.57	94.15	103.26	96.55	5.38	84.01	93.18	101.68

2023-05-21	70.87	3.84	64.85	65.62	75.29	97.7	5.79	83.44	94.18	103.32	96.8	5.02	85.57	92.98	101.92
2023-05-28	71	3.41	64.83	65.83	74.01	96.66	5.66	83.13	93.72	101.88	95.48	4.82	84.05	92.41	100.08
2023-06-04	78.58	6.52	64.85	72.06	84.13	97.05	5.26	84.39	93.67	102.06	95.35	4.54	85.69	92.15	100.35
2023-06-11	73.98	4.94	64.83	66.92	78.13	96.53	5.96	81.56	93.34	102.34	95.96	5.14	83.57	91.95	100.48
2023-06-18	91.49	4.77	64.81	65.99	76.95	100.87	5.6	84.16	93.91	102.76	101.21	5.57	84.41	92.65	102.64
2023-06-25	83.23	3.74	64.82	65.82	74.36	100.03	5.55	84.76	95.24	103.48	101.23	5.44	86.55	94.55	103.98
2023-07-02	95.03	6.01	62.71	69.96	79.68	107.48	6.89	79.56	91.61	101.66	104.35	5.74	82.55	90.97	100.95
2023-07-09	71.81	3.96	62.63	64.25	72.57	93.07	6.32	76.81	90.04	98.36	93.68	5.16	81.68	90.38	99.12
2023-07-16	70.24	3.49	62.64	64.05	71.75	95.6	5.62	82.51	92.25	100.47	95.97	5.08	84.56	92.17	101.17
2023-07-23	74.63	5.28	62.64	65.21	75.98	97.18	5.54	82.86	93.06	100.95	96.49	5.11	84.93	92.39	101.82
2023-07-30	70.93	3.69	62.63	63.07	72.91	96.23	5.77	80.82	92.25	100.33	96.28	4.79	85.85	92.53	101.39
2023-08-06	73.03	4.42	62.65	64.41	74.4	95.26	5.99	80.77	91.83	100.21	96.3	4.94	85.06	92.27	101.26
2023-08-13	72.32	5.23	62.68	71.19	76.51	95.91	5.37	83.65	93.13	101.23	97.32	5.05	86.39	93.39	103.4
2023-08-20	72.06	5.23	62.67	67.74	76.77	95.26	5.63	81.27	92.75	100.43	96.95	5.19	85.59	92.92	103.06
2023-08-27	74.03	5.64	62.67	63.83	79.01	96.21	5.8	82.43	93.11	101.58	97.98	5.73	85.17	93.07	103.88
2023-09-03	70.47	3.81	62.66	63.69	71.69	94.79	5.67	81.32	92.47	100.04	96.05	5.35	83.82	92.33	101.61
2023-09-10	68.93	3.12	62.66	63.12	69.38	95.98	5.68	81.93	93.22	101.27	98.16	5.82	84.76	92.9	103.51
2023-09-17	71.75	5.23	62.69	66.81	76.21	95.91	5.63	82.29	93.56	101.08	98.02	5.55	85.66	93.89	103.96
2023-09-24	75.42	5.67	62.9	71.15	80.24	95.8	5.48	82.44	93.25	100.75	97.56	5.32	85.99	93.59	103.39
2023-10-01	71.64	5.25	62.66	64.8	76.5	95.2	5.8	80.98	92.31	100.36	96.37	5.76	82.84	92.55	101.78
2023-10-08	74.33	6.04	62.68	66.4	80.67	95.59	6.72	78.3	92.02	100.6	96.79	6.2	82.25	92.71	102.14
2023-10-15	77.1	6.52	62.81	70.85	83.43	97.76	6.79	77.79	90.14	100.32	101.95	5.62	81.42	91.68	100.18
2023-10-22	75.86	5.96	64.44	71.24	82.32	95.19	5.93	80.3	91.05	100.3	96.16	5.15	83.61	93.1	100.66
2023-10-29	76.64	6.25	64.36	66.35	83.93	95.13	5.74	80.61	92.16	100.77	96.61	5.7	83.44	92.33	102.56
2023-11-05	76.79	5.3	64.81	73.57	82.33	94.91	6.63	78.11	91.51	100.45	96.48	5.9	82.75	92.16	102.48
2023-11-12	73.34	5.18	64.34	66.63	77.89	95.34	5.83	81	92.67	100.73	96.71	5.52	84.34	93.16	102.54
2023-11-19	76.68	5.43	64.41	72.63	79.71	95.62	6.14	80.2	92.08	100.13	96.6	5.73	83.21	92.71	102.05
2023-11-26	75.05	5.59	64.37	66.99	80.02	96.44	6.03	80.89	91.95	101.15	96.66	5.49	83.8	92.8	101.72
2023-12-03	76.89	5.75	64.49	70.85	83.54	95.59	6.54	78.71	90.67	101.28	97.63	5.65	84.04	92.66	102.34
2023-12-10	76.96	5.99	64.38	68.86	82.36	95.77	6.34	80.39	91.27	101.57	97.56	5.73	83.45	93.09	102.3

2023-12-17	77.8	5.97	64.33	67.71	82.61	98.44	6.73	78.92	91.78	101.36	98.32	5.92	83.66	93.12	102.42
2023-12-24	75.22	5.16	64.44	72.41	79.51	94.31	6.45	77.93	90.55	99.38	94.54	5.74	80.99	91.05	99.66
2024-01-01	76.2	6.42	64.31	72.09	82.26	93.71	6.55	76.85	90.02	98.88	94.33	5.57	82.04	91.5	99.56
2024-01-08	77.8	5.71	64.54	75.52	80.87	95.18	6.29	79.67	91.68	100.18	96.87	5.55	83.52	92.74	101.52
2024-01-15	77.25	6.53	64.36	67.69	85.49	94.66	6.61	77.6	90.93	100.12	95.39	5.96	81.21	91.7	101.09
2024-01-22	82.47	8.15	64.68	72.55	88.34	99.25	7.66	77.92	91.06	103.51	100.16	6.56	81.71	92.16	103.24
2024-01-29	84.92	6.55	64.39	69.29	84.27	104.85	7.21	80.68	91.35	103.78	103.9	5.86	85.2	93.01	102.97
2024-02-05	76.55	6.24	64.37	69.77	84.42	94.73	5.95	79.92	91.59	100.08	97.21	5.79	83.51	91.92	103.26
2024-02-12	75.87	5.41	64.5	73.77	79.92	95.23	5.71	82.46	91.46	100.87	97.06	5.26	85.42	92.71	103.1
2024-02-19	80.17	7.63	64.42	67.69	88.2	109.93	5.39	83.6	91.93	100.68	107.06	5.03	86.13	92.4	102.43
2024-02-26	79.33	5.35	65.47	76.67	83.42	95.24	4.67	85.34	91.68	100.59	96.06	4.2	87.2	92.32	100.92
2024-03-04	75.98	5.75	64.84	71.9	80.27	95.19	5.57	82.33	91.9	100.68	94.85	4.62	84.73	90.89	100.09
2024-03-11	73.4	5.37	64.79	66.76	79.61	95.59	5.83	81.93	91.98	101.71	94.6	4.67	84.44	91.1	100.11
2024-03-18	76.62	6.3	64.79	65.85	83.19	95.1	6.89	78.18	91.32	100.91	93.66	5.43	81.43	90.1	99.29
2024-03-25	74.9	5.57	64.81	69.13	80.43	95.97	7.08	77.47	91.64	101.33	94.55	5.65	80.6	90.06	100.38
2024-04-01	75.14	5.04	64.78	70.45	79.05	96.12	6.56	78.66	91.74	100.93	95.99	5.61	81.04	90.65	99.99
2024-04-08	76.9	5.46	64.85	73.88	79.53	97.58	6.62	78.47	91.7	100.44	93.92	5.33	81.27	90.04	99.24
2024-04-15	72.1	4.51	64.78	67.21	77.26	94.83	6.6	78.65	91.32	100.64	94.55	5.21	82.02	90.2	99.16
2024-04-22	77.9	6.41	64.8	70.74	82.43	94.15	6.46	77.43	90.97	99.81	92.47	5.15	80.35	89.02	97.52
2024-04-29	76.8	4.86	64.79	67.57	77.54	96.49	5.91	80.79	90.72	100.08	96.29	5.41	81.65	90.1	99.25
2024-05-06	72.37	4.51	64.78	67.52	76.53	94.64	5.93	80.02	91	99.99	93.12	4.83	81.76	90.03	98.33
2024-05-13	73.68	4.87	64.79	68.89	78.13	93.92	5.89	80.03	90.62	99.78	92.9	4.99	81.21	90.04	97.65
2024-05-20	76.58	5.77	64.77	70.93	82.32	93.33	5.78	79.43	89.88	98.55	92.99	4.57	82.57	89.73	97.19
2024-05-27	76.82	5.74	64.85	68.78	82.85	94.37	5.61	80.93	90.77	100.25	93.27	4.5	83.06	90.34	97.94
2024-06-03	76.63	5.85	64.82	71.27	82	94.68	5.78	80.8	91.33	100.61	93.68	4.72	82.79	90.7	98.83
2024-06-10	74.27	4.85	64.8	68.67	78.29	95.7	6.26	80.13	91.75	101.48	93.73	4.89	82.46	90.36	98.66
2024-06-17	78.46	4.68	64.75	65.58	78.09	96.44	6.17	80.77	91.85	101.57	94.93	4.93	83.18	90.68	99.2
2024-06-24	73.74	4.91	64.76	65.99	79.82	96.19	6.32	80.31	91.95	102.06	94.55	4.93	83.76	91.23	99.76
2024-07-01	72.35	4.4	64.8	67.96	76.41	96.48	5.96	81.88	92.9	102.17	94.51	4.88	83.87	91.31	99.39
2024-07-08	73.29	5.19	62.62	64.79	75.36	112.11	6.31	82.29	92.99	102.41	103	5.43	83.77	91.44	101.1

2024-07-15	74.29	3.72	62.57	62.89	70.98	96.16	6.3	80.65	92.28	101.99	93.37	5.02	81.66	89.99	98.17
2024-07-22	73.14	3.77	62.6	64.56	72.47	96.78	5.86	82.89	93.5	102.31	94.39	4.88	82.9	91.32	99.45
2024-07-29	72.71	4.97	62.62	64.72	75.5	98.21	6.25	82.5	94.32	104.31	96.08	5.52	83.43	91.95	101.65
2024-08-05	71.7	3.01	62.59	63.65	69.56	97.36	5.67	83.67	94.35	102.81	95.43	4.94	84.42	92.35	100.81
2024-08-12	71.41	4.22	62.59	64.17	72.77	97.44	6.19	81.71	94.02	102.91	95.44	5.16	83.75	91.74	100.93
2024-08-19	74.54	5.79	62.68	66.28	81.4	97.35	5.66	84	93.77	102.84	94.33	4.71	83.91	91.53	99.53
2024-08-26	71.81	4.87	62.62	66.5	75.58	98.06	5.56	85.21	94.6	103.51	96.76	5.11	85.89	92.71	102.72
2024-09-02	69.68	3.57	62.58	63.01	72.2	97.62	6.13	82.68	93.76	103.21	96.8	5.27	85.4	92.02	102.41
2024-09-09	73.03	5.29	62.6	65.98	76.86	97.24	6.53	80.91	92.81	102.76	96.75	5.67	82.77	91.3	101.71
2024-09-16	70.62	5.11	62.6	64.23	75.88	97.09	5.27	85.22	93.91	102.58	94.99	4.87	84.01	91.33	100.1
2024-09-23	76.81	6.42	62.63	69.2	84.12	97.18	6.47	81.25	93.28	102.58	95.67	5.43	83.93	91.92	101.25
2024-09-30	72.28	4.93	62.62	63.5	76.33	97.69	5.94	83.56	94.59	103.11	96.89	5.63	83.98	92.74	102.66
2024-10-07	70.79	4.21	62.61	64.14	74.23	109.22	6.34	81.61	94.06	103.1	102.22	5.47	83.72	92.02	101.56
2024-10-14	77.38	6.79	62.7	71.13	84.17	96.95	6.8	80.25	92.89	102.78	94.42	5.43	81.78	90.91	99.9
2024-10-21	73.29	5.38	62.69	65.37	79.06	98.03	6.58	81.42	93.8	103.43	96.53	5.62	83.35	92.41	102.26
2024-10-28	75.72	5.36	63.26	73.11	79.81	97.05	6.17	81.73	93.7	102.72	96.73	5.49	84.4	92.54	102.52
2024-11-04	77.39	7.39	62.68	65.34	85	96.94	7.22	79.19	93.01	102.84	95.96	5.72	83.34	91.59	101.53
2024-11-11	78.75	5.52	63.45	72.95	82.31	98.85	7.37	78.7	92.68	103.42	97.65	5.63	81.91	91.1	99.67
2024-11-18	76.72	5.59	63.45	74.23	81.3	97.24	6.3	82.27	92.83	103.26	96.3	5.04	85.1	92.35	101.42
2024-11-25	72.15	5.08	62.65	68.01	76.1	96.92	6.08	82.19	93.05	102.9	97.47	5.51	85.01	93.02	103.39
2024-12-02	72.89	5.08	62.66	63.86	76.01	97.23	6.11	82.63	93.83	103.14	96.7	5.35	84.37	93.21	102.23
2024-12-09	72.86	6.16	62.66	64.69	78.7	97.35	6.3	82.02	93.56	103.25	96.52	5.28	84.48	92.7	102.02
2024-12-16	76.66	6.72	62.71	71.57	82.75	97.95	6.91	79.92	93.24	103.4	96.42	5.48	83.66	92.08	101.19
2024-12-23	76.39	5.9	63.03	72.93	81.75	95.32	7.08	77.73	90.5	100.93	94.23	5.65	80.14	89.68	98.63

Table 18a: Strait of Georgia north weekly sound pressure levels (SPL) in decibels (dB). Mean (Avg) and standard deviation (Std), Q₅, Q₅₀ and Q₉₅ levels for broadband and SRKW echolocation and communication ranges are given.

Date	Avg 10- 100000 Hz	Std 10- 100000 Hz	Q5 10- 100000 Hz	Q50 10- 100000 Hz	Q95 10- 100000 Hz	Avg 15000- 100000 Hz	Std 15000- 100000 Hz	Q5 15000- 100000 Hz	Q50 15000- 100000 Hz	Q95 15000- 100000 Hz	Avg 500- 15000 Hz	Std 500- 15000 Hz	Q5 500- 15000 Hz	Q50 500- 15000 Hz	Q95 500- 15000 Hz
2020-01-01	112.01	6.2	93.49	100.38	114.37	93.42	3.73	84.75	85.55	93.64	105.14	6.36	87.46	95.43	108.61
2020-01-08	114.68	6.47	94.86	101.07	116.47	103.45	4.52	84.85	88.02	98.87	105.1	5.94	89.74	97.25	109.78
2020-01-15	111.79	6.82	95.03	102.3	118.7	93.7	4.43	84.81	86.74	97.75	107.14	6.89	89.7	97.9	113.41
2020-01-22	112.37	7.17	92.53	101.4	116.97	94.84	4.3	84.77	85.71	96.58	107.38	7.32	86.09	97.5	111.13
2020-01-29	110.78	6.83	94.01	101.38	117.08	94.21	4.37	84.81	85.86	97.51	105.83	6.94	87.4	97.23	112.01
2020-02-05	109.93	6.4	93.63	100.44	115.43	92.23	4.01	84.87	86.13	96.86	103.81	6.03	88.71	96.17	109.03
2020-02-12	113.03	6.51	97.05	104.22	118.63	94.66	4.77	84.96	89.24	99.86	108.21	6.18	93.35	101.35	114.87
2020-02-19	111.45	7.09	92.21	100.31	116.06	92.02	3.93	84.8	85.55	96.15	105.51	7.26	86.29	96.34	111
2020-02-26	111.16	6.49	95.15	102.51	117.16	92.95	4.34	84.92	88.68	98.11	104.61	5.86	90.95	98.6	110.4
2020-03-04	111.89	6.13	96.51	103.73	117.21	92.97	3.91	84.98	88.81	96.64	106.13	5.24	94.25	101.4	111.96
2020-03-11	112.24	5.51	98.11	104.14	115.92	92.41	3.86	85.07	88.11	96.26	105.56	4.5	95.57	101.8	110.52
2020-03-18	111.25	5.86	95.96	103.1	115.91	91.75	4.46	82.09	86.26	96.54	105.56	4.69	93.6	100.65	109.65
2020-03-25	110.74	5.36	97.61	104.22	115.83	90.52	3.91	82.16	88.85	94.8	104.9	4.33	95.48	102.02	110.19
2020-04-01	110.83	5.79	96.36	103.69	115.6	92.22	5.1	82.11	87.04	98.03	104.2	4.83	93.93	100.99	109.59
2020-04-08	111.15	5.86	97.23	104.1	116.12	91.72	4.76	82.15	86.88	97.04	105.46	5	94.35	100.81	110.57
2020-04-15	112.59	5.9	97.52	104.18	117.53	90.82	4.28	82.06	86.87	94.94	105.62	4.62	94.83	101.42	110.4
2020-04-22	112.36	6.29	96.97	104.08	117.79	91.32	4.73	82.06	85.62	96.41	106.44	5.41	94.38	101.29	112.61
2020-04-29	111.99	6.31	96.78	103.78	117.94	92.41	5.32	82.05	85.71	98.78	106	5.38	93.8	100.7	112.46
2020-05-06	112.22	6.01	97.5	104.49	118.47	92.99	4.91	82.44	89.22	98.46	106.77	5.23	94.32	102.03	113.12
2020-05-13	110.26	6.07	93.94	102.67	114.53	90.51	4.64	81.99	85.01	96.41	104.09	5.25	91.54	99.88	109.07
2020-05-20															
2020-05-27															
2020-06-03															
2020-06-10															
2020-06-17															

2020-06-24															
2020-07-01															
2020-07-08															
2020-07-15															
2020-07-22															
2020-07-29															
2020-08-05															
2020-08-12															
2020-08-19															
2020-08-26															
2020-09-02															
2020-09-09															
2020-09-16															
2020-09-23															
2020-09-30															
2020-10-07															
2020-10-14															
2020-10-21															
2020-10-28															
2020-11-04															
2020-11-11															
2020-11-18															
2020-11-25															
2020-12-02															
2020-12-09															
2020-12-16															
2020-12-23															
2021-01-01	110.75	5.69	96.8	103.66	115.57	91.32	4.39	82.11	89.14	96.71	104.01	4.58	95.01	101.3	108.8
2021-01-08	110.78	5.53	97.62	103.41	116.26	90.59	4.61	82.03	86.74	95.94	104.39	4.31	95.14	100.6	109.48
2021-01-15	110.6	6.15	95.48	102.75	116.57	89.73	4.35	82.03	83.93	95.64	104.87	5.16	92.7	99.48	110.21

2021-01-22	110.89	5.61	98.07	103.07	116.41	92.41	4.38	82.46	88.07	96.69	104.98	4.24	95.69	100.31	109.85
2021-01-29	113.22	6.29	97.2	103.62	118.28	93.39	5.09	82.28	87.72	99.18	106.19	5.02	94.16	100.47	111.01
2021-02-05	117.85	6.14	97.44	104.81	117.77	92.25	4.2	82.86	88.14	95.34	108.26	4.94	95.1	102.02	111.74
2021-02-12	110.66	6.07	95.74	102.91	116.3	90.57	3.93	83.01	87.03	95.86	104.03	4.87	92.97	99.66	109.12
2021-02-19	112.51	5.63	98.84	104.75	117.26	91.2	3.76	82.89	88	94.06	106.15	4.32	96.15	101.58	109.88
2021-02-26	112.8	5.88	97.91	105.77	118.12	92.7	4	82.85	86.33	93.82	106.89	4.83	95.54	103.07	111.27
2021-03-05	112.68	5.73	98.02	103.89	117.26	90.16	3.58	83.1	86.98	93.75	104.6	4.16	95.82	101.06	109.56
2021-03-12	112.48	5.38	99.59	105.99	117.75	88.69	3.7	82.76	84.72	92.45	106.37	4.13	97.44	103.52	111.31
2021-03-19	111.57	5.29	98.93	104.38	116.56	91.07	3.73	82.86	88.47	95.16	105.73	4.23	96.4	101.81	109.89
2021-03-26	113.88	5.75	99.15	106	118.47	90.26	3.91	82.83	86.6	93.99	107.53	4.51	97.22	103.77	112.78
2021-04-02	111.48	5.48	97.69	104.27	116.29	89.46	3.73	82.76	85.73	92.66	105.2	4.54	94.98	101.94	110.25
2021-04-09	119.08	5.86	97.51	104.38	116.99	94.4	4.2	82.74	88.08	93.12	110.75	5.05	95.09	102.48	111.75
2021-04-16	111.07	6.5	95.13	103.44	117.48	89.14	4.03	81.99	82.93	93.6	106.63	6.08	92.65	100.74	113.09
2021-04-23	111.69	6.5	94.95	102	116.64	90.28	4.14	82	84.23	93.69	105.29	5.65	92.11	99.21	110.88
2021-04-30	112.31	6.49	96.21	102.73	117.45	91.19	4.26	82.02	83.8	95.15	106.2	5.45	93.44	100.2	111.49
2021-05-07	111.27	7.28	92.07	101.41	117.03	89.83	4.37	81.97	83.09	95.17	105.75	6.79	88.49	98.18	111.36
2021-05-14	109.65	6.14	93.62	100.59	114.62	88.67	3.39	81.98	85.61	91.18	103.92	5.54	88.85	97.68	107.41
2021-05-21	113.16	6.72	93.27	100.35	115.69	88.14	3.32	81.99	83.55	90.86	103.96	5.94	89.15	96.44	109.13
2021-05-28	111.37	6.49	95.01	102.43	116.65	89.43	3.95	81.99	83.51	93.24	105.97	5.89	91.71	99.45	111.59
2021-06-04	119.74	7.04	96.24	102.74	118.96	95.84	4.88	82.39	85.49	96.88	111.61	6.09	93.22	99.9	113.69
2021-06-11	111.66	6.23	95.82	102.76	117.04	92.59	4.92	83	85.59	98.51	105.18	5.4	92.75	99.26	110.8
2021-06-18	110.78	6.51	94.45	101.34	116.07	90.06	3.63	82.96	85.04	93.57	104.16	5.87	90.03	97.15	109.98
2021-06-25	112	7.01	93.06	101.04	117.24	92.29	4.06	82.93	85.41	93.61	105.77	6.39	87.26	97.14	109.77
2021-07-02	110.03	6.27	93.84	100.8	115.61	91.14	3.86	82.95	86.01	93.26	104.34	5.87	89.2	97.27	109.45
2021-07-09	109.32	5.86	94.08	100.05	113.04	89.53	3.12	83.02	85.04	90.23	102.22	5.36	88.31	95.22	105.81
2021-07-16	112.1	6.6	93.91	100.28	116.4	95.9	4.32	83.02	86.08	94.08	107.61	6.39	88.38	96.57	110.58
2021-07-23	112.33	7.03	92.72	100.07	116.1	94.19	3.96	82.92	84.31	92.21	107.2	6.52	86.74	94.66	107.87
2021-07-30	111.29	6.83	92.5	99.53	115.18	91.43	3.68	82.9	83.91	90.74	104.56	6.2	85.71	94.31	105.98
2021-08-06	110.58	6.43	93.53	100.95	115.25	91.4	4.01	82.92	86.16	93.81	102.68	6.16	85.35	96.03	104.99
2021-08-13	108.2	6.13	92.22	99.11	113.09	90.05	3.32	82.93	84.32	90.37	101.1	5.7	86	93.83	104.33

2021-08-20	109.5	6.36	93.56	100.33	114.73	92.1	3.99	82.94	85.44	93.21	103.1	5.86	87.72	96	106.42
2021-08-27	110.08	6.59	93.15	99.99	115.42	92.46	4.53	82.95	84.6	96.67	105.16	6.57	87.4	95.43	110.07
2021-09-03	111.03	6.78	92.64	100.22	115.33	93.03	4.52	82.92	84.04	95.51	104.33	6.71	85.99	95.16	108.56
2021-09-10	112.23	7.01	94.04	101.71	117.66	94.16	4.87	83.02	86.46	97.77	105.92	6.46	89.02	97.4	110.75
2021-09-17	111.76	6.69	95.18	103.03	117.66	93.95	5.09	82.92	87.22	97.68	105.88	6.26	90.95	99.78	111.99
2021-09-24	110.61	6.23	95.76	102.71	116.39	92.78	4.67	82.98	88.99	97.9	105.26	5.76	91.69	100.22	110.92
2021-10-01	112.64	6.14	97.16	104.28	117.87	93.03	4.89	83.04	86.88	98.83	106.31	5.12	94.93	101.69	112.49
2021-10-08	126.56	6.31	97.35	104	117.79	95.93	4.27	83.14	88.08	95.78	113.11	5	95.25	101.66	112.37
2021-10-15	112.99	5.83	98.39	104.59	116.81	98.52	4.66	83.49	88.58	98.45	105.86	4.52	96.25	102.09	111.38
2021-10-22	111.36	5.02	98.41	104	115.08	91.65	3.42	84.32	89.3	95.44	104.6	3.84	96.31	102.03	108.52
2021-10-29	112.01	5.93	97.4	104	117.33	94.78	5.01	83.28	88.4	98.54	107.02	5	95.02	101.12	111.69
2021-11-05	112.29	5.52	99.26	104.49	117.3	99.9	3.66	84.37	89.45	95.91	106.19	4.12	97.32	102.05	110.69
2021-11-12	112.76	5.86	97.59	105.08	117.39	96.45	6.06	83.45	89.04	102.49	106.77	4.84	95.09	102.24	110.74
2021-11-19	111.74	5.66	97.37	103.94	116.53	91.26	3.87	83.31	87.97	95.26	105.52	4.53	94.92	101.46	109.23
2021-11-26	108.59	5.07	95.87	103.16	112.33	97.86	4.6	83.3	89.34	97.17	103.14	4.48	93.31	100.64	107.23
2021-12-03	110.64	5.08	98.39	104.43	115.24	91.1	3.88	83.43	87.93	95.71	105.58	4.56	95.55	102.16	110.97
2021-12-10	110.62	5.17	98.29	104.05	115.31	90.52	3.49	83.32	88.91	94.79	104.09	3.9	95.92	101.77	108.92
2021-12-17	112.87	5.65	97.88	104.13	117.05	90.95	3.87	83.46	88.31	95.86	104.7	4.25	95.41	101.45	110.09
2021-12-24	108.64	5.01	95.47	103.13	111.94	88.95	3	83.35	87.34	92.19	102.63	4.08	93.49	100.23	106.02
2022-01-01	108.44	4.34	98.28	103.96	111.97	90.82	3.28	83.9	89.2	95.11	103.54	3.47	96.09	101.64	106.72
2022-01-08	112.83	5.53	98.33	105.23	116.76	92.63	4.69	83.23	87.53	98.01	106.02	4.53	95.56	102.16	110.68
2022-01-15	111.01	5.49	96.82	104.6	115.66	91.35	4.75	83.21	84.41	97.86	105.1	4.48	94.03	101.54	108.66
2022-01-22	110.67	5.51	96.68	103.39	115.31	89.16	3.36	83.2	83.94	91.93	104.17	4.43	94	100.51	108.38
2022-01-29	111.4	5.28	98.55	104.38	116.04	91.06	3.76	83.61	88.06	95.73	105.05	4.08	96.52	101.67	110.18
2022-02-05	110.67	5.5	97.01	103.91	115.51	89.26	3.58	83.23	84.41	93.23	104.17	4.33	94.48	100.95	108.4
2022-02-12	111.35	5.56	97.5	105.03	116.51	89.87	3.58	83.23	84.52	93.49	106.03	4.81	94.84	102.34	110.53
2022-02-19	112.85	5.71	98.55	104.81	117.33	90.51	3.56	83.28	87.25	93.96	106.35	4.4	96.3	102.15	111.09
2022-02-26	111.1	5.31	98.23	104.43	115.76	91.55	4.52	83.22	85.73	96.13	105.75	4.5	94.92	101.54	109.93
2022-03-05	112.16	5.31	99.43	106.09	117.39	90.3	3.79	83.25	86.53	94.48	107.06	4.44	96.94	103.53	111.57
2022-03-12	119.04	5.69	97.11	103.96	115.63	91.33	4.02	83.9	87.98	95.8	106.32	4.33	94.91	101.3	108.78

2022-03-19	110.49	5.59	96.86	103.72	116.34	91.62	4.28	83.81	87.07	96.72	105.58	4.79	94.54	101.22	111.28
2022-03-26	110.66	5.53	97.32	104.29	115.86	90.89	4.14	83.75	86.19	95.99	104.84	4.55	94.66	101.51	109.93
2022-04-02	110.6	5.19	97.86	103.53	114.58	90.7	3.69	83.86	87.83	95.26	104.17	4.11	95.61	100.94	109.36
2022-04-09	110.56	5.18	98.21	103.68	115.36	89.56	2.98	83.85	87.79	92.83	103.8	3.92	95.73	101.2	108.63
2022-04-16	110.17	5.36	96.96	103.55	114.46	90.68	3.57	83.77	87.11	94.23	103.93	4.32	94.95	101	108.69
2022-04-23	110.32	5.72	96.28	103.83	115.59	90.45	3.62	83.72	85.25	94.19	105.44	5.04	93.95	101.28	110.58
2022-04-30	110.86	5.44	97.14	104	115.64	95.76	4.68	83.77	86.82	97.47	105.67	4.72	94.59	101.77	110.72
2022-05-07	111.11	5.59	96.9	103.64	115.96	91.41	3.86	83.77	86.34	94.84	105.98	4.86	94.62	101.41	110.92
2022-05-14	110.96	5.59	96.81	103.75	115.35	92.23	4.1	83.85	87.13	96.92	105.11	4.86	94.13	101.39	110.24
2022-05-21	111.3	6.02	95.98	103.91	116.45	92.07	4.44	83.74	86.04	97.78	105.55	5.28	93.23	101.63	110.61
2022-05-28	110.24	6.06	94.96	102.23	115.39	91.55	3.79	83.77	85.75	94.7	105.24	5.68	91	99.44	110.39
2022-06-04	110.22	5.76	95.8	102.87	115.21	91.61	4.34	83.84	86.48	96.93	105.19	5.09	93.81	100.4	110.59
2022-06-11	111.23	6.02	95.99	102.77	116.14	92.1	3.7	83.93	87.26	95.13	105.62	5.19	93.41	100.25	111.1
2022-06-18	110.78	6.51	94.07	102.24	116.87	92.83	4.02	83.86	86.48	95.16	105.83	6.1	90.5	99.63	111.56
2022-06-25	109.03	6.15	93.38	101.98	114.09	90.22	3.61	83.74	85.18	94.18	105	6.2	89.43	99.07	110.37
2022-07-02	120.7	6.39	97.32	103.65	117.53	96.73	5.18	83.57	86.76	99.23	110.94	5.89	94.42	101.3	113.37
2022-07-09	111.27	6.12	95.15	102.08	115.57	91.46	3.95	83.46	85.17	93.82	106.29	5.97	91.29	98.45	110.62
2022-07-16	111.09	6.56	93.84	101.87	116.14	90.89	4.13	83.44	84.55	95.86	105.02	6.33	89.51	98.37	111.28
2022-07-23	110.64	6.36	94.35	101.69	116.15	90.86	3.71	83.46	85.37	93.14	105.28	5.96	89.24	97.76	109.46
2022-07-30	111.29	6.32	93.53	101.09	115.15	92.41	3.87	83.44	85.64	94.02	104.21	6.07	87.76	96.85	108.24
2022-08-06	113.12	6.46	94.98	101.43	116.73	92.37	3.71	83.49	86.55	93.35	105.38	5.98	89.59	97.59	110.38
2022-08-13	109.79	6.2	93.85	101.1	114.56	90.34	3.64	83.46	84.9	93.13	104.16	6.09	88.35	97.08	109.13
2022-08-20	114.02	6.86	93.08	100.63	116.41	92.34	3.83	83.44	84.6	93.3	105.21	6.49	87.48	96.05	109.13
2022-08-27	112.37	6.54	94.18	101.18	115.84	93.69	4.04	83.49	85.16	93.35	107.57	6.39	88.58	96.44	109.12
2022-09-03	110.44	5.93	95	102.55	115.55	92.03	3.91	83.6	87.74	94.41	105.72	5.59	90.44	99.45	109.36
2022-09-10	110.92	6.84	93.27	101.56	116.44	91.33	4.14	83.45	84.89	95.82	105.97	6.59	88.37	97.34	111.09
2022-09-17	112.65	6.8	94.13	102.08	117.07	91.32	3.6	83.46	85.86	93.11	105.75	6.15	89.51	98.72	110.49
2022-09-24	113.07	7	93.76	101.8	117.22	91.22	4	83.44	84.38	94.64	105.46	6.82	87.27	96.1	111.09
2022-10-01	111.36	7.28	92.72	100.69	117.32	91.32	3.87	83.43	84.2	94.45	104.65	6.92	87.1	95.93	111.2
2022-10-08	110.95	7.32	91.72	101.6	117.12	90.6	4	83.44	84.43	93.86	105.28	7.02	87.16	97.51	111.43

2022-10-15	113.81	7.06	95.04	102.56	118.34	95.51	4.56	83.44	84.58	96.01	110.42	6.32	91.54	99.26	112.43
2022-10-22	113.88	6.35	97.41	105.54	118.82	94.42	5.03	83.47	88.76	98.41	109.35	6.05	93.15	103.07	113.97
2022-10-29	113.84	6.03	99.35	105.5	118.98	93.64	4.74	83.86	89.22	97.7	108.2	4.47	97.34	103.02	112.46
2022-11-05	112.98	5.34	99.78	105.1	117.33	93.63	3.99	83.89	89.35	95.95	107.65	4.24	98.17	103.08	111.42
2022-11-12	117.11	6.15	98.53	104.71	118.57	94.61	4.42	83.09	86.31	96.05	108.93	5.1	95.19	101.56	112.69
2022-11-19	113.86	5.77	98.68	104.74	118.03	92.88	4.77	83.02	85.34	98	108.49	4.49	96.04	101.92	110.41
2022-11-26	113.73	5.48	99.2	105.19	117.11	92.64	3.7	83.31	89.63	94.35	106.57	4.32	96.45	102.11	110.07
2022-12-03	112.58	5.58	98.44	105.62	117.27	91.63	4.21	83.09	86.67	95.02	106.78	4.57	95.81	102.93	110.28
2022-12-10	112.26	5.09	100.12	105.74	116.65	90.69	3.73	83.15	88.83	94.35	104.92	4.03	96.59	102.37	109.41
2022-12-17	111.44	5.29	98.9	104.98	116.66	92.85	4.59	83.23	87.72	98.56	105.23	4.22	96.27	101.6	110.42
2022-12-24	109.05	4.74	97.03	104.38	111.7	93.85	5.28	83.11	88.89	100.04	102.94	4.29	92.58	100.06	106
2023-01-01	111.65	5.01	99.11	105.93	115.96	89.3	3.7	82.98	85.94	93.45	104.61	4.43	94.6	101.09	108.5
2023-01-08	112.08	5.74	98.31	104.41	117.63	93.75	4.99	83.21	88.88	98.29	105.21	4.44	94.73	101.01	109.38
2023-01-15	112.55	5.94	97.94	104.31	118	93.71	4.76	83.18	87.99	96.89	107.16	4.97	94.5	101.09	110.9
2023-01-22	110.86	5.37	98.37	104.57	116.23	90.86	4.54	82.98	85.2	96.64	104.03	4.43	94.79	100.46	110
2023-01-29	114	6.01	97.44	103.48	116.75	94.4	4.24	83.01	86.11	94.63	107.47	4.83	94.31	99.86	109.06
2023-02-05	110.95	5.62	97.2	104.12	115.83	91.28	4	83.03	88.03	95.41	103.82	4.79	92.92	100.36	108.83
2023-02-12	112.66	5.63	98.18	105.5	117.24	92.78	4.18	83.01	87.53	95.23	105.83	4.66	94.77	101.73	109.89
2023-02-19	113.69	5.83	98.92	105.57	118.58	93.65	4.33	83.14	88.47	96.05	107.72	4.93	95.61	101.2	111.88
2023-02-26	112.1	5.66	97.83	104.24	116.69	94.7	4.08	83.37	88.46	95.25	106.91	4.7	95.08	100.86	109.28
2023-03-05	117.28	5.71	98	104.18	116.84	89.66	3.29	83.53	86.4	93.21	106.41	4.62	94.71	100.43	109.04
2023-03-12	112.82	5.6	98.85	105.43	117.69	93.26	4.14	83.55	86.73	95.82	108.47	4.68	96.64	102.99	112.27
2023-03-19	112.26	5.63	98.2	105.41	117.31	90.9	4.04	83.46	85.9	95.06	106.95	4.69	96.23	103.26	112.32
2023-03-26	112.41	5.47	98.4	104.68	116.4	89.5	3.25	83.5	86.65	93.02	106.27	4.36	96.63	102.52	111.17
2023-04-02	111.54	5.37	98.66	104.39	116.06	90.66	3.7	83.49	87.47	94.41	106.34	4.38	96.64	102.19	110.73
2023-04-09	111.96	5.36	99.16	105.08	116.92	90.64	3.65	83.48	87.34	93.9	106.78	4.22	97.56	103.01	111.3
2023-04-16	111.01	5.19	98.93	105.24	116.55	91.28	3.41	83.77	89.75	95.01	106.09	4.08	97	103.31	110.59
2023-04-23	113.85	6.33	97.03	104.94	118.37	93.34	4.69	83.47	85.12	97.54	108.55	5.24	95.23	102.63	112.01
2023-04-30	111.2	5.69	97.3	103.92	116.18	94.81	4.04	83.48	86.58	95.16	105.94	4.87	94.73	101.49	111.72
2023-05-07	112.48	5.67	98.62	105.72	117.3	91.59	4.18	83.44	84.84	95.62	108.19	5.25	96.44	103.84	113.62

2023-05-14	110.88	6.1	94.96	102.82	115.98	89.77	3.49	83.43	85.14	93.62	105.72	5.64	92.28	100.27	111.87
2023-05-21	112.34	6.61	94.75	102.37	117.15	91.31	3.87	83.43	84.9	94.43	107.48	6.15	90.86	98.72	111.71
2023-05-28	109.57	5.78	95.71	100.7	114.93	89.59	2.77	83.42	85.32	89.15	103.23	4.97	90.84	96.65	107.38
2023-06-04	111.13	5.65	97.2	103.57	116.62	91.58	3.72	83.62	88.71	95.06	105.58	5.24	93.14	100.44	110.26
2023-06-11	110.64	5.95	93.76	101.19	113.35	91.99	3.79	83.43	85.7	91.73	105.67	5.99	88.88	97.71	107.2
2023-06-18	110.61	5.82	95.6	102.13	115.49	90.61	3.46	83.47	85.85	92.4	104.78	5.2	91.82	98.6	109.07
2023-06-25	110.97	6.46	94.09	101.73	115.98	90.45	3.62	83.46	85.52	93.52	105.52	6.11	89.61	97.75	110.3
2023-07-02	117.45	5.75	96	102.06	115.2	98.69	4.08	83.05	88.09	93	106.37	5.17	91.66	98.94	107.94
2023-07-09	107.39	5.29	93.28	100.58	111.26	90.3	3.31	83.03	86.13	91.24	103.17	5.24	89.24	97.13	105.18
2023-07-16	110.45	6.35	93.55	100.38	115.12	90.61	3.69	82.96	84.26	91.87	104.1	6.18	87.98	95.92	107.98
2023-07-23	111.31	6.31	93.49	100.56	114.92	90.7	3.85	83.01	85.58	94.03	102.71	5.64	88.72	96.55	107.61
2023-07-30	110.12	6.36	93.03	100.25	114.24	91.09	3.51	83	84.1	90.84	104.01	6.19	86.95	95.34	107.04
2023-08-06	111.45	6.61	93.66	100.03	115.03	91.98	4.08	83.03	84.84	94.08	105.88	5.82	89.14	95.81	107.13
2023-08-13	110.35	5.66	96.03	102.59	115.21	92.26	3.77	83.18	88.52	93.27	105.12	5.39	91.3	99.94	109.75
2023-08-20	109.54	5.93	94.05	101.97	114.59	90.31	3.7	83.03	86.86	92.84	103.97	5.66	89.82	98.6	108.5
2023-08-27	110.45	6.25	94.53	101.78	115.84	94.02	4.74	83.01	86.02	97.18	104.94	6.28	88.5	97.42	110.84
2023-09-03	110.69	6.64	92.5	101.07	115.69	91.01	3.93	82.98	85.19	94.33	105.25	6.63	86.68	96.94	110.01
2023-09-10	112.22	6.86	93.44	101.06	117.31	92.14	4.23	82.98	84.02	94.42	106.32	6.67	88.09	96.41	110.95
2023-09-17	111.07	6.07	95.72	103.36	116.72	92.13	4.11	83.08	87.57	95.05	106.15	5.69	92.32	100.05	111.07
2023-09-24	110.85	5.42	98.06	104.15	116.28	92.93	3.99	83.69	88.51	95.8	106.99	4.9	95.72	101.77	112.14
2023-10-01	112.48	6.3	96.14	103.63	117.47	92.12	4.4	83.04	86.23	96.74	107.67	5.81	93.53	100.89	113
2023-10-08	111.14	6.51	93.78	103.43	116.56	91.8	4.59	82.97	87.23	96.78	106.15	5.94	91.4	101.16	112.09
2023-10-15	116.38	6.16	97.36	104.69	117.52	95.28	5.1	83.06	88.75	99.01	109.09	5.55	95.19	102.75	113.63
2023-10-22	111.76	5.6	98	104.76	117.24	91.56	4.54	82.82	87.12	96.59	106.71	4.65	96.28	102.67	112.08
2023-10-29	111.24	5.52	98.21	104.41	116.6	90.16	4.48	82.77	84.69	96.83	105.94	4.5	96.32	102.41	111.19
2023-11-05	111.55	5.46	97.23	104.89	115.14	91.56	3.76	83.22	88.18	95.4	105.63	4.54	95.29	102.5	110.16
2023-11-12	111.49	5.59	98.5	104.38	117.16	90.23	4.07	82.8	85.52	94.61	105.95	4.58	95.92	101.84	110.82
2023-11-19	113.09	5.63	98.96	105.08	117.39	93.2	4.26	82.9	88.25	96.97	107.3	4.46	97.07	102.79	111.83
2023-11-26	112.32	5.57	98.67	104.7	117.51	90.91	4.42	82.78	85.19	95.45	106.34	4.45	96.2	101.98	110.85
2023-12-03	114.03	5.89	98	104.68	118.02	92.81	4.95	82.91	87.64	98.55	105.94	4.71	95.09	102.2	111.12

2023-12-10	112.3	5.5	98.96	105.53	117.58	91.48	4.8	82.78	85.86	96.91	106.24	4.31	97.02	103.17	111.18
2023-12-17	112.45	5.65	98.45	104.45	116.85	93.61	4.98	82.78	86.26	98.11	105.65	4.6	95.88	101.76	111.38
2023-12-24	110.42	5.41	96.1	102.83	113.46	90.86	4.01	82.78	86.81	94.95	104.26	4.49	93.12	99.86	107.38
2024-01-01	111.12	5.56	96.96	104.57	115.8	90.93	4.69	82.74	86.49	96.69	105.21	5.09	93.6	101.94	110.24
2024-01-08	112.93	5.07	99.45	105.69	116.42	92.16	3.93	83.01	89.23	95.24	106.52	4.04	97.28	103.37	110.07
2024-01-15	110.49	5.47	97.03	103.75	115.73	92.62	5.47	82.78	84.88	100.22	103.77	4.12	94.49	100.92	107.64
2024-01-22	112.43	5.45	98.19	104.41	116.26	94.92	5.89	83.35	88.81	101.09	105.11	4.35	95.49	101.4	109.97
2024-01-29	112.22	5.65	99.24	105.88	118.22	91.99	4.63	82.82	86.44	97.5	106.49	4.63	96.65	102.73	112.04
2024-02-05	112.92	5.86	98.78	104.91	118.61	93.18	4.62	82.92	88.02	97.52	107.01	4.73	95.93	102.26	111.91
2024-02-12	111.57	5.63	97.09	103.97	115.99	89.88	4.09	82.79	85.23	95.17	104.22	4.5	94.01	101.24	108.35
2024-02-19	119.32	6.19	96.2	104.22	117.21	95.16	5.23	82.78	85.69	98.46	108.06	5.09	93.2	100.72	110.99
2024-02-26	111.89	4.88	99.82	105.3	116.22	92.06	3.22	84.28	90.13	94.84	106.13	3.59	97.86	103	109.47
2024-03-04	110.44	4.95	98.91	104.32	115.43	90	3.94	83.13	86.6	94.23	104.04	3.96	95.36	101.11	108.32
2024-03-11	111.29	5.55	98.1	104.13	116.53	90.36	4.03	83.11	85.14	93.96	105.44	4.69	94.36	100.67	110
2024-03-18	111.69	6.17	96.37	103.18	116.68	90.71	4.05	83.04	84.6	95	106.35	5.42	92.59	99.74	111.32
2024-03-25	111.32	5.86	96.13	103.28	116.12	91.04	3.89	83.14	86.24	94.7	106.09	4.94	92.71	100.49	109.69
2024-04-01	111.4	5.61	97.88	104.27	116.5	89.23	3.34	83.12	86.39	92.75	105.57	4.55	95.42	101.47	110.61
2024-04-08	111.61	5.43	98.27	104.27	116.29	90.25	3.52	83.1	87.48	93.21	106.02	4.51	95.8	101.94	111.06
2024-04-15	110.81	5.26	97.32	104.93	114.92	90.06	3.45	83.05	85.86	91.75	106.3	4.5	95.62	102.91	110.37
2024-04-22	110.66	5.37	97.49	104.57	115.44	91.62	4.49	83.07	87.09	96.99	105.95	4.68	95.22	102.56	110.82
2024-04-29	111.4	5.3	98.62	105.54	115.72	92.72	3.7	83.1	86.25	93.47	108.2	4.97	95.84	103.39	112.07
2024-05-06	110.89	5.58	97.35	103.66	115.99	89.8	3.53	83.06	85.9	93.21	105.7	5.27	93.04	100.99	110.69
2024-05-13	111.63	6.13	95.95	102.96	116.55	91.2	3.65	83.13	86.15	93.31	106.52	5.66	92.32	99.9	111.09
2024-05-20	110.56	5.76	96.12	103.13	115.67	91.34	3.82	83.21	86.52	94.58	106.21	5.39	93.36	100.4	110.97
2024-05-27	111.91	5.71	97.72	103.8	116.55	93.13	4.61	83.17	85.69	97.14	107.74	5.03	95.61	101.06	111.91
2024-06-03	111.88	5.48	98.26	104.64	116.82	92.76	4.1	83.21	87.19	95.79	107.59	4.91	95.02	102.29	111.27
2024-06-10	110.95	6.3	94.65	102.41	115.94	90.59	3.85	83.08	86.12	94.84	105.64	6.22	89.75	99.29	110.8
2024-06-17	111.15	6.82	93.54	101.4	116.81	91.54	3.82	83.03	84.4	94.28	106.12	6.51	88.77	97.3	111.42
2024-06-24	111.6	7.01	93.39	101.28	117.21	92.63	4.48	83.05	84.77	96.46	107.07	7.09	87.83	97.07	112.36
2024-07-01	111.84	6.92	93.04	100.81	116.58	91.4	3.8	83.1	85.21	93.6	106.9	6.64	87.81	96.8	110.8

2024-07-08	122.14	6.62	93.02	100.31	115.02	93.55	3.5	82.75	85.93	90.32	110.87	6.35	85.85	96.35	107.02
2024-07-15	109.9	6.8	91.51	99.59	115.07	90.31	3.63	82.69	83.64	90.62	104.05	6.6	85.15	94.08	106.68
2024-07-22	110.78	6.58	92.87	100.44	115.45	91.27	3.73	82.8	85.32	91.84	105.74	6.39	86.82	95.46	107.77
2024-07-29	110.97	6.51	94.5	101.05	116.84	90.51	3.79	82.85	84.87	94.07	104.62	5.92	88.9	95.95	109.37
2024-08-05	111.24	7.17	92.26	100.04	116.92	92	3.91	82.75	84	92.97	106.75	7.11	85.67	94.51	110.25
2024-08-12	110.87	6.57	93.58	100.23	115.03	91.32	3.44	82.84	84.94	90.89	105.9	6.02	87.96	94.9	106.85
2024-08-19	110.14	6.31	94.18	100.01	115.15	91.89	4.15	82.95	85.56	95.14	105.85	6.02	88.93	94.88	108.03
2024-08-26	111.33	6.73	92.81	101.47	115.97	91.78	4.27	82.75	84.86	95.02	106.11	6.66	87.01	96.14	109.3
2024-09-02	111.44	7	92.59	100.44	116.36	92.08	4.07	82.73	83.84	93.41	104.76	6.8	85.6	94.6	109.26
2024-09-09	110.99	6.74	93.61	100.45	116.56	91.55	4.21	82.73	85.15	95.39	104.75	6.22	86.97	95.36	108.31
2024-09-16	112.39	7.15	93.76	101.93	118.46	92.75	4.37	82.73	85.51	95.4	107.41	6.98	87.61	97.29	112.24
2024-09-23	111.29	6.16	95.82	102.72	116.99	92.52	4.5	82.94	87.31	97.46	106.4	5.83	91.91	98.87	111.24
2024-09-30	112.89	6.71	95.51	102.9	117.53	94.1	4.76	82.75	85.2	96.32	107.64	6.2	91.82	99.4	112.07
2024-10-07	111.82	6.57	95.21	103.57	117.69	92.36	4.37	82.75	85.1	95.27	107.18	6	91.93	100.65	112.04
2024-10-14	118.5	6.51	95.31	104.61	117.28	95.51	5.94	83.13	88.38	101.03	108.26	5.7	92.94	102	111.91
2024-10-21	112.01	5.96	97.74	105.28	117.99	93.39	5.29	83.12	86.61	99.16	107.15	5.08	95.76	103.08	112.97
2024-10-28	112.46	5.65	99.11	105.25	118.12	93.42	4.55	83.42	89.47	97.99	107.58	4.75	97.09	102.91	112.56
2024-11-04	111.6	6.01	97.09	105.29	116.91	95.18	5.82	83.02	87.9	100.65	107.21	5.59	94.87	102.67	112.24
2024-11-11	111.06	5.2	97.86	104.49	115.67	94.85	4.45	83.62	90.51	97.99	106.05	4.32	95.49	102.33	109.85
2024-11-18	112.19	5.54	99.21	105.49	117.86	92.91	4.25	83.54	89.92	97.7	106.54	4.47	96.82	103.31	111.67
2024-11-25	112.73	5.72	98.59	104.83	117.7	93.32	4.44	83.08	86.46	96.22	107.66	4.68	96.22	102.26	111.83
2024-12-02	111.7	6.01	97.06	103.84	117.85	92.15	4.82	83.02	84.57	97.21	106.86	5.16	95.1	101.2	112.25
2024-12-09	111.72	5.77	97.87	104.75	117.44	92.16	4.63	83.17	87.2	96.17	106.54	4.86	95.52	102.08	110.96
2024-12-16	113.49	6.08	97.19	105.01	117.92	94.84	5.37	83.3	88.27	100.18	108	5.2	95.43	102.15	112.19
2024-12-23	110.47	5.16	97.26	103.67	114.58	92.06	4.17	83.61	89.32	97.6	103.81	4.08	95.36	101.07	107.42

Table 18b: Strait of Georgia north weekly sound pressure levels (SPL) in decibels (dB). Mean (Avg) and standard deviation (Std), Q₅, Q₅₀ and Q₉₅ levels for water turbulence, echosounders and wind are given.

Date	Avg 10- 100 Hz	Std 10- 100 Hz	Q5 10- 100 Hz	Q50 10- 100 Hz	Q95 10- 100 Hz	Avg 49500- 50500 Hz	Std 49500- 50500 Hz	Q5 49500- 50500 Hz	Q50 49500- 50500 Hz	Q95 49500- 50500 Hz	Avg 7500- 8500 Hz	Std 7500- 8500 Hz	Q5 7500- 8500 Hz	Q50 7500- 8500 Hz	Q95 7500- 8500 Hz
2020-01-01	105.43	7.49	85.08	94.59	110.26	78.06	2.77	65.55	65.73	68.91	86.6	6.7	67.31	77	89.55
2020-01-08	112.53	8.35	84.49	95.26	112.46	73.13	2.83	65.58	66.91	72.79	86.84	6.09	69.84	79.48	90.98
2020-01-15	107.6	8.27	85.48	96.03	113.6	77.85	2.95	65.55	66.05	71.1	87.94	7.01	69.64	79.84	93.62
2020-01-22	108.47	8.99	82.58	94.86	113.27	86.6	3.41	65.53	65.69	71.88	88.24	7.91	66.12	79.62	92.69
2020-01-29	107.01	8.43	84.76	95.25	112.67	87.83	4.25	65.54	65.72	73.01	86.8	7.2	67.09	79.34	92.18
2020-02-05	106.97	8.4	83.81	94.27	112.21	69.93	2.66	65.54	65.89	71.2	85.13	6.02	70.31	78.34	90.27
2020-02-12	109.59	8.93	84.6	95.82	114.23	70.88	3.03	65.54	67.05	74.27	89.11	6.12	74.12	83.31	94.81
2020-02-19	108.23	8.81	82.69	93.23	111.97	69.07	2.27	65.51	65.58	69.03	87.08	7.67	66.89	78.61	92.8
2020-02-26	108.46	9.25	83.11	94.02	114.09	69.5	2.72	65.54	67.16	73.38	85.86	5.95	71.47	80.15	91.21
2020-03-04	108.52	9.14	82.14	94.85	113.07	81	2.67	65.54	66.71	70.55	87.04	5.44	74.32	82.75	92.43
2020-03-11	107.96	8.75	83.25	94.69	112.26	69.17	2.33	65.53	66.35	70.73	86.72	4.98	74.99	82.99	91.54
2020-03-18	107.38	9.1	82.28	93.74	112.64	84.12	3.32	63.28	64.49	72.39	86.51	5.06	74.08	82.6	90.95
2020-03-25	107.56	8.61	84.14	94.4	112.17	67.37	2.45	63.29	66.3	69.62	86.88	4.89	76.03	84.62	91.98
2020-04-01	108.15	8.93	82.29	93.96	112.32	68.24	3.24	63.29	65.16	72.66	86.84	5.57	73.73	82.88	92.03
2020-04-08	107.74	8.97	83.16	95.07	112.69	67.59	2.79	63.28	64.53	71.33	87.45	5.56	74.77	82.86	93.19
2020-04-15	109.78	9.02	83.94	94.87	114.39	68.12	2.52	63.27	64.63	69.35	86.99	5.31	74.25	83.19	91.55
2020-04-22	109.17	8.78	83.76	95.45	113.07	66.83	2.46	63.26	63.82	69.27	88.4	5.82	75.16	82.53	94.32
2020-04-29	107.48	9.05	82.55	95.48	113.43	67.62	2.9	63.26	63.98	71.73	88.39	6.06	73.81	82.29	94.44
2020-05-06	108.36	8.79	83.43	95.03	113.02	72.52	3.21	63.3	66.37	73	88.53	5.89	74.27	84.05	94.86
2020-05-13	107.27	9.71	76.46	93.69	111.03	67.25	2.52	63.26	63.97	70.66	85.17	5.83	69.93	80.09	90.19
2020-05-20															
2020-05-27															
2020-06-03															
2020-06-10															
2020-06-17															
2020-06-24															

2020-07-01															
2020-07-08															
2020-07-15															
2020-07-22															
2020-07-29															
2020-08-05															
2020-08-12															
2020-08-19															
2020-08-26															
2020-09-02															
2020-09-09															
2020-09-16															
2020-09-23															
2020-09-30															
2020-10-07															
2020-10-14															
2020-10-21															
2020-10-28															
2020-11-04															
2020-11-11															
2020-11-18															
2020-11-25															
2020-12-02															
2020-12-09															
2020-12-16															
2020-12-23															
2021-01-01	108.11	9.39	80.65	93.94	112.6	67.72	2.75	63.27	66.51	71.77	86.53	5.12	74.74	83.77	92.16
2021-01-08	107.46	8.64	83.34	94.69	112.73	67.14	2.78	63.27	64.84	71.42	86.08	5.11	74.62	81.97	91.33
2021-01-15	107.18	8.81	82.92	94.83	112.56	65.42	2.02	63.25	63.48	67.85	86.53	5.82	72.77	80.54	92.56
2021-01-22	107.82	9.1	82.9	94.63	113.08	68.33	2.84	63.29	65.94	71.05	87.91	4.69	76.9	82.95	92.02

2021-01-29	110.27	9.19	83.12	95.5	114.2	71.98	3.33	63.28	65.51	72.86	88.1	5.43	75.34	82.32	93.09
2021-02-05	115.81	9.04	84.19	95.78	114.24	75.86	2.72	64.19	66.62	70.08	88.26	5.35	76.22	83.55	92.95
2021-02-12	107.86	9.11	82.18	95.17	112.99	67.87	2.31	64.21	66.27	71.08	85.41	5.23	73.25	80.93	90.52
2021-02-19	109.37	9.1	83.59	95.89	114.62	68.49	2.34	64.18	66.69	70.18	87.15	4.63	76.1	83.14	90.84
2021-02-26	109.58	8.84	84.09	95.41	114.45	70.93	2.35	64.16	65.31	69.27	88.39	5.39	75.43	82.75	92.38
2021-03-05	110.52	9.37	82.32	95.28	114.45	67.76	2.12	64.2	65.88	69.53	86.34	4.55	76.27	82.32	90.88
2021-03-12	109.62	9.05	83.65	95.6	114.28	66.27	1.71	64.14	64.35	67.86	86.77	5.06	74.8	83.21	91.6
2021-03-19	108.52	8.73	83.1	94.92	113.12	75.76	2.24	64.18	66.62	69.83	86.99	4.79	74.79	83.08	91.35
2021-03-26	111.55	9.18	84.72	95.8	115.5	67.78	1.95	64.16	65.1	68.76	88.84	5.3	75.97	84.04	93.43
2021-04-02	108.89	8.77	83.17	94.26	112.94	76.02	2.08	64.17	64.89	68.24	85.84	5.47	73.32	81.49	90.85
2021-04-09	116.8	8.99	82.64	93.72	112.2	89.2	4.88	63.85	66.29	69.11	87.2	5.52	72.37	83.54	90.97
2021-04-16	106.99	8.72	82.84	94.19	112.28	69.16	1.75	63.26	63.34	65.38	87.98	7.2	70.02	80.92	94.2
2021-04-23	108.8	9.45	81.27	92.95	112.93	66.72	2.21	63.27	63.85	68.58	86.86	6.04	70.62	78.48	90.76
2021-04-30	109.69	9.77	81.47	93.77	113.89	72.95	2.46	63.27	63.64	68.84	87.91	6.35	71.55	79.41	92.64
2021-05-07	107.89	9.67	80.77	92.28	112.82	67.02	2.37	63.25	63.46	69.35	86.46	7.08	67.39	77.85	91.11
2021-05-14	106.02	8.83	82.5	92.16	111.82	73.18	2.21	63.26	64.6	66.93	84.69	5.97	67.53	79.74	87.3
2021-05-21	111.93	9.26	81.07	93.4	112.04	70.65	2.3	63.25	63.65	67.17	84.4	6.01	68.62	77.47	89.13
2021-05-28	107.81	8.68	83.57	94.96	112.83	71.22	2.53	63.25	63.52	67.22	87.25	6.61	70.87	80.12	93.18
2021-06-04	118.4	9.87	81.99	94.57	115.04	90.24	5.14	62.18	63.48	70.36	88.82	6.14	72.99	81.53	93.61
2021-06-11	108.88	8.87	83.23	96.51	113.06	72.61	2.91	62.17	62.7	70.07	87.32	6.11	73.09	80.36	93.18
2021-06-18	107.49	8.76	83.95	95.53	113.08	78.64	2.5	62.16	62.65	65.57	86.05	6.15	70	79.33	91.63
2021-06-25	108.41	9.05	83.72	95.14	113.97	76.81	3.26	62.16	62.89	66.5	86.97	6.51	68.04	79.79	90.67
2021-07-02	106.44	8.23	83.37	93.91	111.48	70.65	2.99	62.16	63.14	67.13	86.4	6.21	69.45	79.86	90.45
2021-07-09	107.12	8.24	83.88	94.43	110.41	74.44	2.17	62.17	62.74	64.93	84.25	5.51	69.65	77.91	87.85
2021-07-16	108.05	8.2	84.14	94.29	111.38	75.01	3.11	62.18	63.29	66.56	89.38	6.46	68.88	79.35	91.2
2021-07-23	108.44	8.73	83.99	95.07	113.33	72.26	2.91	62.15	62.48	65.44	87.52	6.57	67.09	77.12	88.94
2021-07-30	108.35	8.55	83.94	94.46	112.91	67.85	2.53	62.14	62.4	65.28	85.73	6.58	65.87	76.02	87.48
2021-08-06	108.48	8.49	84.62	95.72	113.36	78.54	2.78	62.16	63.26	67.18	84.44	6.52	66.17	78.7	86.8
2021-08-13	105.76	7.85	83.25	93.73	110.15	78.61	2.76	62.16	62.59	65.45	83.36	5.95	67.2	75.95	85.67
2021-08-20	106.6	8.55	82	94.76	111.56	83	2.82	62.16	62.89	66.26	85.21	6.18	67.94	78.57	88.75

2021-08-27	106.19	7.94	83.29	94.15	110.27	70.51	3.18	62.16	62.56	69.3	87.18	6.96	68.04	77.63	92.24
2021-09-03	108.13	8.11	85.1	95.09	112.4	82.19	3.57	62.15	62.33	69.26	86.61	7.19	66.99	77.79	90.44
2021-09-10	109.23	9.08	83.7	95.06	114.4	69.17	3.18	62.16	63.16	70.07	87.94	6.38	70.93	80.32	92.11
2021-09-17	108.89	9.06	83.84	94.86	114.11	68.37	3.08	62.15	63.04	69.73	88.5	6.7	71.25	82.36	93.98
2021-09-24	107.3	8.74	83.79	93.99	112.98	69.28	3.08	62.15	64.49	71	87.74	5.97	73.16	83.38	93.37
2021-10-01	110.11	8.94	84.82	95.37	114.58	71.52	2.84	62.16	63.04	69.69	88.47	5.62	75.36	83.05	94.58
2021-10-08	126.02	9.42	82.82	95.39	113.79	92.84	4.36	62.15	64.45	68.49	89.76	4.87	75.91	83.32	92.73
2021-10-15	110.62	9.18	83.6	94.56	113.84	77.27	3.25	63.12	65.45	72.27	87.54	5.02	75.61	83.45	92.55
2021-10-22	108.95	8.59	83.67	93.62	112.03	67.31	2.2	63.42	66.06	69.88	86.47	4.23	76.76	83.64	90.04
2021-10-29	107.39	8.64	83.24	95.34	112.92	70.63	3.26	63.1	65.03	71.93	88.85	5.76	74.22	82.74	93.32
2021-11-05	108.6	9	84.03	95.24	113.93	79.1	2.48	63.23	66.27	69.76	88.29	4.4	78.42	84.08	92.25
2021-11-12	108.78	8.88	82.79	95.72	113.72	71.25	4.27	63.12	65.6	75.43	88.98	5.64	74.77	84.13	93.16
2021-11-19	108.62	8.67	83.46	95.02	112.65	68.66	2.43	63.1	65.08	69.06	86.66	4.8	75.61	83.07	91.24
2021-11-26	104.76	8	81.95	93.04	108.38	76.68	2.98	63.11	66.09	71.53	85.5	5.13	73.12	82.59	89.8
2021-12-03	107.28	7.62	84.18	95.09	109.5	67.65	2.35	63.11	64.8	68.19	87.41	5.05	75.56	83.27	92.26
2021-12-10	108.03	8.47	84.14	94.9	112.49	66.42	1.97	63.12	66.02	68.75	85.75	4.77	74.62	83.24	90.57
2021-12-17	110.97	8.89	83.95	96.03	113.98	66.59	2.32	63.12	65.39	69.88	86.28	4.81	75.41	82.75	91.75
2021-12-24	105.36	8.72	78.52	95.47	108	65.8	1.78	63.12	65.02	68.24	83.97	4.63	73.2	81.05	87.73
2022-01-01	104.54	7.91	82.26	94.53	108.54	73.63	2.32	63.22	66.39	70.61	85.51	4.12	75.63	83.32	89.35
2022-01-08	109.8	8.45	84.4	96.06	113.23	70.08	3	63.08	64.85	71.92	87.03	5.4	73.31	82.37	91.53
2022-01-15	107.4	8.33	84.21	95.58	112.35	66.68	2.69	63.07	63.16	71.06	85.99	5.28	72.82	80.86	90
2022-01-22	107.76	8.5	83.04	94.62	112.19	64.96	1.63	63.07	63.14	65.59	85.39	5.47	71.75	80.25	90.14
2022-01-29	108.06	8.33	83.83	95.95	112.07	66.65	2.26	63.13	65.36	69.8	86.45	4.45	76.77	82.55	91.68
2022-02-05	107.61	8.68	83.31	94.63	112.44	66	1.87	63.07	63.18	67.08	85.5	4.96	73.57	81	90.41
2022-02-12	107.57	8.46	83.76	95.12	111.94	75.4	2.23	63.06	63.17	66.58	86.38	5.32	73.23	82	91.64
2022-02-19	109.26	9.04	82.97	95.28	113.35	66.07	1.91	63.07	64.53	67.12	87.26	4.72	76.04	82.42	91.67
2022-02-26	107.6	8.47	83.38	95.29	112.27	67.35	2.69	63.06	63.69	70.45	85.9	5.22	73.48	81.2	90.83
2022-03-05	108.62	8.67	84.65	96.14	113.79	66.53	2.13	63.06	63.92	67	87.17	5.14	75.25	83.54	92.51
2022-03-12	117.74	9.5	80.86	94.05	112.1	67.76	2.69	63.93	65.57	71.56	85.65	4.59	75.48	82.36	90.38
2022-03-19	105.99	8.76	81.56	93.78	111.3	67.72	2.51	64.07	65.24	70.73	87.47	5.39	74.74	82.69	93.43

2022-03-26	107.08	8.96	82.09	94.6	112.22	67.17	2.43	64.06	64.8	70.09	86.05	4.95	74.65	82.14	91.2
2022-04-02	107.72	8.5	82.47	93.05	110.59	70.22	2.39	64.07	65.72	70.36	85.97	4.55	76.03	82.45	90.92
2022-04-09	107.96	8.95	81.89	93.76	112.26	66.17	1.54	64.09	65.42	67.75	85.49	4.49	75.52	82.44	90.46
2022-04-16	107.45	9.11	79.73	93.43	110.59	67.5	2.15	64.06	65.15	69.85	85.65	4.81	74.29	82.08	90.14
2022-04-23	105.95	8.79	81.62	93.79	111.2	71.89	1.86	64.05	64.32	67.69	86.47	5.69	72.91	81.13	91.6
2022-04-30	105.53	8.49	82.18	93.59	110.64	68.59	2.65	64.07	65.01	71.28	86.6	5.21	74.51	81.85	91.48
2022-05-07	107.66	8.7	82.2	93.84	111.55	73.44	2.48	64.07	64.99	69.46	87.19	5.6	74.13	81.8	92.29
2022-05-14	108.13	8.9	81.13	94.37	111.14	75.36	2.69	64.08	65.27	70.9	86.98	5.27	74.85	82.62	92.05
2022-05-21	108.16	8.99	81.83	94.43	112.24	74.29	2.91	64.05	64.43	71.63	87.99	6.15	73.13	83.2	93.39
2022-05-28	106.49	8.7	81.2	93.76	110.43	81.74	2.43	64.09	64.55	69.04	86.79	5.85	72.04	81.18	92.29
2022-06-04	106.09	8.75	81.06	94	110.63	68.95	2.8	64.08	64.81	72.03	86.73	5.45	74.03	81.37	92.33
2022-06-11	108.1	8.97	81.92	94.33	111.67	75.96	2.86	64.09	65.36	69.31	87.43	5.36	74.44	81.93	92.28
2022-06-18	106.33	8.84	81.36	93.87	111.55	69.06	2.47	64.09	65.04	69.02	87.98	6.25	71.49	81.4	93
2022-06-25	104.68	8.34	81.49	93.65	109.14	74.28	2.73	64.05	64.4	68.24	86.46	6.42	70.48	80.23	92.09
2022-07-02	118.55	8.61	82.96	94.76	111.54	92.27	5.3	62.23	64.11	73.36	88.79	6.07	73.43	81.83	93.63
2022-07-09	107.45	8.17	84.25	95.12	111.29	72.64	2.65	62.21	62.51	66.22	86.08	6.4	70	78.79	90.78
2022-07-16	108.49	8.52	83.33	95.1	112.76	76.38	3.05	62.2	62.35	68.11	84.76	6.72	67.84	77.78	90.77
2022-07-23	107.2	8.37	83.83	95.63	112.83	71.9	2.92	62.21	62.64	66.38	84.41	6.15	67.89	78.35	88.49
2022-07-30	108.81	8.42	83.28	95.07	111.61	75.73	3.14	62.22	62.86	67.48	84.83	6.35	67.36	77.94	88.35
2022-08-06	111.59	8.81	83.42	95.72	112.98	83.23	3.01	62.24	63.38	66.23	85.5	5.95	68.97	78.91	89.19
2022-08-13	106.14	8.06	83.86	94.93	110.93	74.07	2.61	62.22	62.56	65.68	84.31	6.42	67.66	77.34	89.39
2022-08-20	112.57	8.71	83.69	95.45	113.06	78.04	3.24	62.21	62.51	67.08	85.53	6.74	66.52	76.49	88.85
2022-08-27	108.52	8.02	85.31	95.61	112.68	73.87	3.13	62.23	62.75	66.35	86.94	6.51	68.44	77.3	89.19
2022-09-03	106.99	8.26	84.44	96.02	112.32	71.28	2.75	62.25	63.88	67.26	85.8	5.68	70.66	81.36	89.41
2022-09-10	107.14	8.58	83.82	95.42	112.93	81.9	3.27	62.22	62.59	68.86	85.72	6.79	67.44	78.17	91
2022-09-17	110.01	9.09	83.54	95.4	113.5	65.05	1.98	62.22	62.88	65.36	85.22	6.07	69.25	79.82	89.69
2022-09-24	111.39	9.13	84.24	97.19	114.4	73.47	2.65	62.2	62.33	66.39	85.56	6.81	67.6	77.21	90.71
2022-10-01	108.47	9.24	83.39	95.43	113.79	66.63	2.3	62.2	62.31	65.6	84.52	6.84	66.97	76.53	90.21
2022-10-08	107.73	9.34	82	95.37	113.11	75.45	2.29	62.21	62.35	66.3	85.29	7.05	67.03	78.32	90.5
2022-10-15	109.53	9.62	82.64	95.44	114.85	90.67	3.96	62.19	62.3	66.07	86.97	6.32	70.54	79.57	91.81

2022-10-22	110.46	9.11	84.72	97.35	115.72	77.42	3.35	62.21	63.8	69.95	88.25	6.05	72.84	83.84	93.61
2022-10-29	111.08	10.34	82.58	96.79	116.72	72.95	3.24	62.24	64.39	70.56	87.12	4.64	76.49	83.31	91.75
2022-11-05	109.89	9.01	82.99	94.68	113.28	82.89	3.36	62.23	64.77	68.01	87.57	4.56	77.39	83.56	91.61
2022-11-12	115.29	9.25	83.76	97.91	114.52	88.7	3.85	62.15	63.22	66.9	87.84	5.12	76.23	82.66	93.49
2022-11-19	110.2	8.83	84.67	97.17	114.48	68.6	3.08	62.13	62.54	70.67	87.67	5.02	75.27	82.47	91.75
2022-11-26	111.27	8.74	85.23	96.89	114.29	66.92	2.22	62.18	65.67	67.62	88.72	4.84	76.61	84.3	91.92
2022-12-03	109.1	8.31	85.88	97.39	113.77	66.61	2.45	62.14	62.78	67.53	87.74	5.32	74.85	83.74	92.54
2022-12-10	110.02	8.21	87.03	98.03	113.74	65.64	2.24	62.15	64.84	68.29	86.56	4.61	75.78	83.48	90.99
2022-12-17	108.35	8.12	86.27	98.41	113.25	67.23	3.15	62.17	64.16	70.15	87.78	5.05	76.35	82.46	93.61
2022-12-24	105.43	8.07	82.12	98.65	109.29	68.08	3.59	62.15	64.83	73.02	85.11	4.77	73.66	81.16	89.31
2023-01-01	109.12	7.94	85.53	101.05	113.11	64.19	1.82	62.12	62.72	66.65	86	5.55	72.35	81.47	91.03
2023-01-08	109.26	9.51	83.28	96.55	114.94	76.49	3.4	62.15	64.57	71.3	86.59	5.09	74.82	81.99	91.55
2023-01-15	108.37	9.11	83.58	96.09	114.26	71.37	3.23	62.15	63.99	70.15	88.19	5.46	74.76	82.66	93.04
2023-01-22	107.72	8.61	84.42	98.21	112.55	65.43	2.57	62.11	62.41	69.42	86.54	5.15	74.84	81.86	91.85
2023-01-29	109.83	9.12	83.04	95.16	113.32	71.29	2.74	62.12	62.96	67.55	88.16	5.35	74.68	81.53	91.97
2023-02-05	108.46	8.92	82.83	97.56	112.67	80.41	2.52	62.13	64.25	68.69	85.77	5.17	73.75	82.2	91.08
2023-02-12	108.88	8.56	84.21	98.37	114.26	68.8	2.62	62.11	63.76	67.67	88.2	5.31	74.96	83.23	91.77
2023-02-19	110.27	8.52	85.51	99.63	114.69	72.74	2.85	62.12	64.3	67.58	88.44	5.26	74.91	83.14	92.98
2023-02-26	108.37	8.59	83.91	96.6	113.12	70.81	2.81	62.15	64.6	68.33	88.34	5.03	76.2	83.31	92.11
2023-03-05	115.72	8.61	85.59	97.17	113.88	73.66	2.06	62.21	63.21	66.84	85.02	4.91	73.9	80.98	90.09
2023-03-12	108.5	8.31	85.6	96.53	113.78	71.14	2.84	62.21	62.98	68.17	87.05	4.78	75.65	82	91.53
2023-03-19	108.97	9.08	83.45	96.07	113.32	69.11	2.26	62.19	62.53	66.25	86.28	5.3	73.22	81.91	91.9
2023-03-26	110.02	9.03	82.8	95.11	113.21	64.5	1.46	62.2	63.01	65.38	85.5	4.97	74.24	81.75	91.08
2023-04-02	107.14	8.68	82.87	95.39	112.35	64.71	1.68	62.21	63.02	65.65	85.73	4.99	73.88	81.65	90.65
2023-04-09	108.68	8.85	83.4	95.87	113.29	64.85	1.8	62.19	63.24	66.47	85.78	4.66	75.16	81.76	90.64
2023-04-16	107.35	9.06	82.58	94.47	113.12	81.61	2.86	62.23	64.35	67.84	85.54	4.39	75.64	83.43	90.36
2023-04-23	109.65	9.46	82.11	95.45	114.25	67.07	2.69	62.18	62.42	68.79	87.84	5.82	72.92	80.76	91.89
2023-04-30	107.35	8.63	83.41	95.4	111.77	65.94	1.96	62.19	62.74	67.06	84.84	5.45	71.75	80.35	90.2
2023-05-07	108.12	8.17	84.26	95.82	112.04	68.78	2.15	62.17	62.26	64.57	88.04	6.67	71.98	80.71	94.17
2023-05-14	107.57	8.53	82.66	94.78	111.75	68.53	2.09	62.17	62.43	64.9	85.01	5.96	70.33	79.36	90.72

2023-05-21	108.08	8.68	83.6	96.09	112.85	69.89	2.63	62.17	62.44	66.3	85.41	6.36	69.03	78.18	90.54
2023-05-28	107.26	8.28	84.05	95.45	112.36	78.38	2.04	62.17	62.76	64.53	82.38	4.98	69.06	77.05	85.54
2023-06-04	107.91	7.98	85.84	96.25	113.03	72.19	2.31	62.22	64.24	67.34	85.39	5.26	72.67	81.54	88.71
2023-06-11	106.32	8.13	82.79	94.42	109.63	71.43	2.45	62.18	62.8	65.49	85.98	6.37	68.08	78.38	87.73
2023-06-18	107.57	8.28	83.84	95.53	111.95	69.53	2.62	62.17	62.9	66.58	84.67	5.23	71.34	78.89	87.82
2023-06-25	106.92	8.28	84.17	95.16	112.2	71.88	2.49	62.19	62.76	65.84	85.01	6	69.07	78.35	90.01
2023-07-02	116.43	8.64	83.09	94.17	111.63	95	4.54	62.56	64.7	67.06	85.17	5.37	70.84	80.79	87.68
2023-07-09	102.87	7.71	81.76	92.9	107.07	73.57	2.27	62.98	64.14	67.11	83.58	5.57	68.64	78.5	85.86
2023-07-16	107.88	8.39	82.79	94.95	111.94	67.59	2.26	62.97	63.32	66.53	84.43	6.47	66.6	76.14	87.66
2023-07-23	109.93	8.77	82.83	94.58	112.22	81.84	2.63	62.98	63.87	68.18	82.95	5.75	68.67	77.78	87.61
2023-07-30	107.44	8.22	83.49	95.12	111.2	83.95	2.69	62.99	63.34	65.92	83.83	6.46	66.32	75.79	86.84
2023-08-06	108.05	9.12	82.25	93.94	112.3	78.21	3.11	63	63.62	68.56	84.26	6	67.23	76.42	86.71
2023-08-13	106.49	8.12	84.29	95.19	111.75	71.6	2.47	63.04	65.01	67.64	86.47	5.77	70.3	81.97	89.37
2023-08-20	106.48	8.3	82.9	94.47	110.85	77.25	2.72	62.99	64.41	67.5	84.13	6.02	68.57	79.58	88.52
2023-08-27	106.82	7.84	84.66	96.17	111.46	87.68	3.58	62.98	64.08	70.26	85.84	6.8	66.69	78.17	90.97
2023-09-03	107.12	8.34	83.34	95.26	111.76	78.2	2.76	62.97	63.6	67.53	85.35	6.93	65.51	78.07	90.16
2023-09-10	109.49	8.38	84.17	95.79	112.93	73	2.74	62.95	63.14	67.59	86.21	6.96	66.78	77.25	90.56
2023-09-17	107.38	8.26	84.53	96	112.59	67.62	2.51	62.98	64.54	68.09	86.89	5.96	71.21	81.44	91.66
2023-09-24	106.31	8.42	82.95	95.62	111.84	68.14	2.5	63	65.3	69.77	86.72	4.62	76.25	82.15	91.12
2023-10-01	108.61	8.46	84.11	95.91	112.56	67.34	2.49	62.95	63.51	69.23	86.94	5.79	73.09	81.36	92.12
2023-10-08	107.75	9.48	81.01	94.76	113.23	68.19	2.78	62.94	64.08	70.18	85.66	6.03	70.29	81.45	90.92
2023-10-15	113.66	8.99	82.51	94.31	112.36	88.22	4.25	61.69	64.81	72.76	87.69	5.59	74.44	82.46	93.15
2023-10-22	108.45	8.97	82.69	95.42	112.59	71.06	2.95	61.63	63.57	69.74	85.73	5.06	74.48	81.6	91.36
2023-10-29	107.67	8.69	83.41	94.97	112.85	64.88	2.8	61.62	61.97	70.34	84.8	5.03	73.35	80.66	89.93
2023-11-05	108.36	8.63	81.37	94.99	111.75	72.71	2.47	61.68	64.17	68.48	85.96	4.94	75.52	82.2	91.03
2023-11-12	108.22	8.13	85.4	96.3	112.82	64.33	2.23	61.61	62.08	67.38	85.8	4.99	74.69	81.14	90.82
2023-11-19	109.82	9.04	83.74	95.85	114.05	69.52	2.94	61.63	63.96	69.65	87.04	5	74.99	82.19	91.81
2023-11-26	109.3	8.82	85.07	96.35	114.35	66.16	2.78	61.61	62.02	68.86	85.98	5.34	73.13	81.49	91.22
2023-12-03	112.11	9.19	83.52	95.36	114.42	68.46	3.52	61.63	63.43	71.86	86.16	5.33	73.74	81.95	91.72
2023-12-10	109.36	8.64	83.91	95.62	113.53	65.58	2.94	61.61	62.02	69.54	85.99	5.58	73.63	81.34	91.45

2023-12-17	109.86	8.65	84.47	96.4	113.5	66.4	2.91	61.62	62.52	69.86	85.77	5.37	73.12	81.01	91.12
2023-12-24	107.1	9	79.3	95.65	110.19	68.99	2.48	61.64	63.33	68.15	84.12	5.01	71.57	79.64	87.96
2024-01-01	108.27	8.49	83.28	95.53	111.89	65.37	2.84	61.61	62.75	69.71	84.79	6.03	69.83	80.82	89.83
2024-01-08	110.25	8.78	83.87	96.62	113.15	67.54	2.67	61.65	64.92	69.15	86.47	4.69	75.11	83.22	90.72
2024-01-15	107.8	9.14	82.32	95.07	113.24	76.34	3.51	61.61	62.16	71.99	83.51	5.09	71.6	79.69	88.6
2024-01-22	110.46	8.86	83.28	95.2	113.2	68.51	4.03	61.74	64.41	73.58	84.63	4.88	73.46	80.87	89.98
2024-01-29	108.96	8.69	84.81	97.11	114.47	66.29	2.68	61.64	62.82	69.11	86.11	5.7	73.49	80.53	92.48
2024-02-05	109.61	9.13	83.92	96.48	115.02	67.83	2.81	61.64	63.96	69.59	86.78	5.02	75.04	81.95	92.27
2024-02-12	108.9	8.74	84.21	95.53	113.12	64.94	2.47	61.62	62.1	68.24	84.36	5.42	71.39	80.59	89.69
2024-02-19	118.36	8.89	84.75	96.28	114	91.41	4.13	61.61	62.2	70.21	85.8	5.51	72.43	80.29	90.76
2024-02-26	109.03	8.32	85.59	95.78	113.22	66.94	2.2	61.75	65.41	67.88	86.68	3.69	78.34	84.57	90.59
2024-03-04	107.5	8.13	85.06	97.1	112.76	64.59	2.4	61.46	62.52	66.92	85.28	4.72	74.43	82.17	90.41
2024-03-11	108.17	8.29	85.33	96.87	113.31	66.1	2.57	61.46	61.88	67.04	85.85	5.19	73.7	81.42	90.87
2024-03-18	108.07	8.64	83.94	95.92	113.52	65.88	2.04	61.44	61.68	65.78	85.08	5.93	69.74	78.79	91.04
2024-03-25	107.89	8.58	83.16	95.92	112.5	68.68	2.32	61.46	62.42	66.34	85.35	4.94	73.44	80.91	90.13
2024-04-01	108.28	8.49	84.53	96.47	113.63	66.6	1.76	61.45	62.72	65.24	85	4.69	74.46	80.98	89.82
2024-04-08	108.47	8.45	84.77	96.25	112.8	68.23	2.07	61.44	63.44	66.42	85.67	4.83	74.22	81.75	90.8
2024-04-15	107.15	8.49	83.01	95.09	111.63	66.31	2.08	61.43	61.93	65.45	85.08	4.85	73.31	81.79	89.63
2024-04-22	107.36	8.52	82.85	94.85	111.48	66.62	2.82	61.43	62.68	69.55	86.11	5.11	73.58	81.68	90.97
2024-04-29	106.01	7.79	85.01	96.71	111.25	69.05	2.21	61.44	62.32	64.56	87.08	5.52	73.07	82.3	92.05
2024-05-06	107.55	7.83	85.56	96.62	111.84	64.4	1.87	61.44	62.07	65.13	85.61	5.87	70.02	81.21	90.49
2024-05-13	108.36	8.5	83.6	95.54	112.39	69.12	2.41	61.46	62.31	65.02	85.87	5.76	71.03	80.43	90.59
2024-05-20	106.28	8.12	83.8	95.16	111.1	66.43	2.39	61.47	62.84	67.62	85.83	5.58	72.36	80.69	90.68
2024-05-27	107.86	7.94	85.15	96.82	112.4	74.24	3.23	61.45	62.31	69.13	86.39	5.18	74.55	80.27	91.45
2024-06-03	108.11	8.23	85.5	96.29	113.52	68.45	2.84	61.47	62.84	68.74	87	4.9	75.48	82.57	91.61
2024-06-10	107.95	8.18	84.51	95.49	112.45	70.32	2.57	61.46	62.27	66.56	85.73	6.45	68.94	80.41	90.9
2024-06-17	106.99	8.7	83.49	95.55	113.07	66.55	2.45	61.44	61.77	66.52	86.08	6.56	67.01	77.39	89.62
2024-06-24	107.45	8.54	83.82	95.27	112.71	69.55	3.32	61.44	61.96	68.97	86.51	6.95	66.66	77.76	90.88
2024-07-01	108.49	8.71	83.45	94.82	112.62	75.71	2.92	61.47	62.27	66.13	86.54	6.51	67.97	78	90.72
2024-07-08	121.42	8.49	84.33	94.52	112.01	79.31	3.25	61.48	66.37	68.82	84.97	6.57	64.86	78.68	86.98

2024-07-15	106.73	8.41	83.43	94.61	111.93	75.15	2.78	65.11	65.42	69.34	83.76	7.05	63.62	75.3	86.95
2024-07-22	107.16	8.13	84.41	95.57	111.86	76.45	2.98	65.17	66.41	69.7	84.25	6.26	67.41	77.28	87.78
2024-07-29	108.1	8.38	85.11	95.82	113.82	81.23	2.99	65.18	66.04	71.79	83.71	5.93	68.53	77.1	88.9
2024-08-05	106.92	8.45	84.26	95.52	112.63	81.64	3.03	65.14	65.58	69.88	84.23	6.73	65.49	75.59	89.34
2024-08-12	107.32	8.36	84.15	95.64	112.33	80.25	2.74	65.15	66.13	69.1	83.85	5.5	68.55	76.54	85.84
2024-08-19	105.56	7.93	84.2	95.32	110.89	74.81	3.31	65.19	66.54	73.49	84.38	5.37	70.12	77.04	87.43
2024-08-26	107.67	8.05	85.38	96.33	112.52	74.08	3.15	65.14	66	71.98	85.5	6.86	66.53	77.48	89.76
2024-09-02	108.85	8.58	83.28	95.59	112.93	85.13	4.47	65.12	65.49	73.96	85.03	6.77	65.61	76.61	89.33
2024-09-09	108.08	8.61	84.01	95.62	113.94	71.56	3.18	65.11	66.27	73.09	84.67	6.33	66.89	77.49	88.77
2024-09-16	108.7	8.57	84.97	96.88	114.3	77.04	3.65	65.11	66.19	72.42	86.48	6.85	67.92	79.42	91.65
2024-09-23	106.81	8.46	83.66	95.78	112.71	71.28	3.2	65.13	67.57	74.34	86.11	5.35	73.38	80.63	90.81
2024-09-30	109.41	8.72	84.02	96.31	113.81	73.64	3.52	65.11	65.55	73.57	88.01	6.53	71.3	80.92	92.63
2024-10-07	107.63	8.74	83.41	96.56	113.44	71.72	3.05	65.11	65.44	70.81	87.15	6.38	71.38	81.5	92.43
2024-10-14	117.03	9.87	80.93	95.34	113.66	80.1	4.27	62.99	64.93	74.47	86.89	6.06	72.16	81.84	92.25
2024-10-21	108.11	9.08	82.82	96.14	113.55	67.52	3.2	62.96	63.6	72.18	87.16	5.7	74.34	83.15	92.67
2024-10-28	108.19	8.88	83.25	95.83	113.95	67.5	2.69	63	65.5	70.97	87.41	5.3	75.02	83.3	92.76
2024-11-04	106.82	8.59	82.53	95.75	112.11	69.98	3.6	62.95	63.54	73.14	88.02	6.33	72.6	82.99	93.18
2024-11-11	107.49	8.93	82.04	94.98	112.27	70.39	2.97	63.03	66.6	71.58	87.35	4.81	75.62	83.41	90.91
2024-11-18	109.12	9.09	84.24	96.54	114.82	67.55	2.68	62.98	65.94	70.69	87.39	5	76.55	83.98	92.46
2024-11-25	108.91	8.77	83.89	96.33	113.89	69.48	2.44	62.95	63.43	67.5	86.94	5.23	74.18	81.8	92.01
2024-12-02	108.06	8.91	83.26	95.54	113.44	65.71	2.41	62.94	63.06	69.25	87.15	5.85	72.69	80.64	92.38
2024-12-09	108.31	8.93	83.5	95.23	113.62	66.35	2.52	62.96	63.86	69.4	86.99	5.49	74.2	82.07	91.82
2024-12-16	110.6	8.87	83.3	96.59	113.58	69.51	3.42	62.98	64.83	72.79	87	5.51	74.34	81.48	92.23
2024-12-23	108.09	9.68	78.93	94.7	111.38	67.28	2.61	63.09	65.97	71.68	84.93	4.78	74.59	81.93	89.43

Table 18c: Strait of Georgia north weekly sound pressure levels (SPL) in decibels (dB). Mean (Avg) and standard deviation (Std), Q₅, Q₅₀ and Q₉₅ levels for rain and commercial vessels are given.

Date	Avg 19500- 20500 Hz	Std 19500- 20500 Hz	Q5 19500- 20500 Hz	Q50 19500- 20500 Hz	Q95 19500- 20500 Hz	Avg 57- 71 Hz	Std 57- 71 Hz	Q5 57- 71 Hz	Q50 57- 71 Hz	Q95 57- 71 Hz	Avg 113- 141 Hz	Std 113- 141 Hz	Q5 113- 141 Hz	Q50 113- 141 Hz	Q95 113- 141 Hz
2020-01-01	80.31	5.5	66.01	69	81.33	97.76	7.74	76.9	86	102.81	96.25	6.67	77.43	85.26	99.58
2020-01-08	81.25	5.99	66.31	74.23	87.11	108.18	8.51	77.25	87.01	105.62	96.43	7.06	77.75	85.39	101.16
2020-01-15	81.02	6.5	66.13	71.81	85.95	100.74	8.62	77.66	88.07	106.53	98.36	7.29	79.42	86.84	103.83
2020-01-22	81.38	6.14	65.98	69.24	83.86	102.27	9.4	74.53	86.78	106.2	97.46	7.6	77.09	85.7	102.3
2020-01-29	80.17	6.12	66.06	69.64	85.03	99.63	8.92	76.7	87.04	106	97.4	7.42	78.61	86.42	103.01
2020-02-05	79.54	5.71	66.26	70.42	84.87	99.04	8.31	75.81	85.78	103.72	97.4	7.14	77.52	85.08	101.24
2020-02-12	82.4	6.65	66.58	75.93	88.09	102.34	9.2	76.34	87.77	106.79	98.93	7.64	78.99	86.21	103.69
2020-02-19	79.27	5.93	65.93	68.55	83.58	100.44	8.77	75.18	85.37	104.4	98.45	7.64	75.8	84.54	101.12
2020-02-26	80.72	6.35	66.19	75.11	86.45	101.26	9.36	75.06	86.03	106.46	97.66	7.66	77.25	85.38	103.07
2020-03-04	80.14	5.81	66.27	75.16	84.85	100.17	9.27	73.87	86.34	105.31	99.92	8.01	77.38	86	103.95
2020-03-11	79.94	5.86	66.4	74.13	84.52	100.39	8.82	75.56	86.48	104.41	98.96	7.31	78.73	86.42	102.36
2020-03-18	78.25	6.13	63.77	72.19	84.26	100.05	9.18	74.64	85.57	105.33	99.49	7.53	78.3	86.02	103.22
2020-03-25	77.84	5.43	64.05	75.69	82.47	101.7	9.01	74.84	85.42	104.83	98.25	7.02	79.11	86.54	102.37
2020-04-01	79.84	6.77	63.85	73.47	85.96	101.74	9.27	73.42	85.47	104.7	98.08	7.34	78.1	86.41	102.46
2020-04-08	79.17	6.41	63.99	73.22	84.95	100.91	9.19	73.95	86.54	105.45	99.21	7.54	78.62	88.2	103.69
2020-04-15	78.05	6.11	63.65	73.25	82.67	103.37	9.3	75.25	86.97	106.86	99.92	7.27	80.07	87.87	104.52
2020-04-22	78.7	6.54	63.65	71.4	84.26	101.67	9.21	75.3	87.56	105.96	99.14	7.75	78.23	88.14	104.39
2020-04-29	80.05	7.22	63.6	71.55	86.65	100.68	9.79	73.01	87.61	106.91	99.84	8.02	77.19	87.53	104.55
2020-05-06	80.5	6.27	64.97	76.16	86.22	101.98	9.3	74.62	86.39	105.71	100.62	7.77	78.63	87.59	104.77
2020-05-13	77.83	6.7	63.47	70.52	84.54	100.35	10.61	65.79	85.35	103.5	98.54	8.66	70.94	85.6	101.03
2020-05-20															
2020-05-27															
2020-06-03															
2020-06-10															
2020-06-17															
2020-06-24															

2020-07-01															
2020-07-08															
2020-07-15															
2020-07-22															
2020-07-29															
2020-08-05															
2020-08-12															
2020-08-19															
2020-08-26															
2020-09-02															
2020-09-09															
2020-09-16															
2020-09-23															
2020-09-30															
2020-10-07															
2020-10-14															
2020-10-21															
2020-10-28															
2020-11-04															
2020-11-11															
2020-11-18															
2020-11-25															
2020-12-02															
2020-12-09															
2020-12-16															
2020-12-23															
2021-01-01	78.83	6.09	63.88	76.07	84.6	100.89	10.45	69.85	85.27	105.72	98.58	8.38	74.48	85.95	102
2021-01-08	77.89	6.46	63.58	73.05	83.72	100.69	9.39	73.67	86.31	105.83	99.44	7.45	77.65	86.95	103.29
2021-01-15	77.03	6.2	63.58	68.58	83.53	98.89	9.11	73.91	86.58	104.44	98.15	7.45	78.73	87.33	103.41
2021-01-22	80.06	5.71	64.87	74.76	84.54	100.34	9.68	72.81	86.67	105.85	99.29	7.62	77.98	87.24	103.75

2021-01-29	81.05	6.58	64.3	74.3	87.26	102.02	9.55	73.1	87.48	105.81	103.06	8.43	77.14	87.32	105.51
2021-02-05	79.19	5.77	63.88	74.44	82.87	107.51	9.28	75.45	87.87	106.26	106.58	7.67	79.41	87.89	104.89
2021-02-12	77.57	5.61	64.42	72.8	83.64	100.52	9.28	73.3	87.55	105.31	98.75	7.77	76.26	86.22	102.38
2021-02-19	78.2	5.44	63.93	74.25	81.55	102.29	9.25	75.67	88.18	107.2	101.15	7.17	79.63	88.57	103.69
2021-02-26	79.51	5.8	63.87	71.94	81.22	103.42	9.46	74.79	87.75	107.55	101.42	7.21	80.2	88.71	104.35
2021-03-05	77.04	5.13	64.79	72.91	81.35	103.09	9.53	74.23	87.08	106.76	100.47	7.48	79.1	87.72	103.71
2021-03-12	75.32	5.92	63.54	69.1	79.78	102.74	9.2	75.44	87.79	106.68	99.49	6.68	81.46	89.33	103.97
2021-03-19	78.09	5.41	63.94	75.17	82.8	101.49	8.9	74.83	86.96	105.23	98.07	6.53	80.08	88.08	102.28
2021-03-26	77.15	5.9	63.73	72.43	81.28	104.71	9.38	76.21	87.76	107.61	99.98	7.08	80.64	88.68	104.25
2021-04-02	76.1	5.94	63.55	71.06	80.21	102.08	9.01	75.23	86.04	105.67	98.6	6.76	78.65	86.55	101.55
2021-04-09	77.47	5.36	63.66	74.59	79.97	108.96	9.17	74.78	85.63	105.19	107.37	7.51	78.37	86.78	103.46
2021-04-16	75.84	5.9	63.45	66.04	80.68	99.28	9.03	74.31	85.85	104.93	98.22	7.3	78.69	87.02	103.08
2021-04-23	77.55	6.09	63.49	69.4	81.49	100.71	9.62	72.7	84.49	105.38	98.63	7.69	76.64	85.34	102.46
2021-04-30	78.6	6	63.54	68.33	82.66	103.74	10.24	73.17	85.34	106.91	98.57	7.73	77.52	85.66	102.67
2021-05-07	76.94	6.32	63.45	66.67	83.11	100.39	9.84	72.46	84.29	105.43	98.97	7.85	75.71	85.64	102.12
2021-05-14	75.57	5.08	63.48	71.62	78.24	99.07	8.98	74.02	83.51	104.19	97.39	6.98	77.8	84.78	100.68
2021-05-21	74.54	4.98	63.52	67.89	78.1	106.54	9.67	71.9	84.16	104.43	97.81	7.62	75.6	85.29	101.77
2021-05-28	76.34	5.67	63.46	67.73	80.47	101.01	8.95	75.14	86.4	105.21	98.54	7.4	78.07	86.42	102.41
2021-06-04	79.26	5.89	64.6	71.04	83.55	111.33	10.16	73.13	85.39	107.07	102.68	7.88	77.72	86.13	103.98
2021-06-11	79.94	6.56	64.9	71.1	86.58	100.59	9.12	73.76	85.63	104.9	98.08	7.76	76.07	85.02	102.54
2021-06-18	76.56	5.11	64.76	70.24	80.79	100.12	9.07	74.43	86.05	105.16	100.16	7.37	78.15	85.81	102.33
2021-06-25	78.96	5.63	64.67	70.85	80.65	100.39	9.01	75.27	85.92	105.72	100.83	8.03	77.23	85.4	103.61
2021-07-02	77.81	5.39	64.76	71.67	80.14	98.99	8.3	74.92	85.36	103.25	98.08	7.17	77.5	85.33	101.14
2021-07-09	75.98	4.42	65	70.06	77.15	99.45	8.04	74.99	85.14	101.89	95.24	6.52	76.71	84.58	97.83
2021-07-16	82.95	5.59	65.02	71.8	81.38	100.26	8.09	75.48	85.22	102.84	97.51	7.01	77.41	84.7	100.72
2021-07-23	80.95	5.39	64.66	68.58	79.06	101.77	9.04	74.81	85.36	104.97	98.49	7.49	77.01	84.71	101.67
2021-07-30	77.86	5.18	64.61	67.65	77.51	100.5	8.69	75.05	85.44	104.37	98.21	7.22	77.58	84.8	101.61
2021-08-06	78.15	5.75	64.63	72	81.37	100.42	8.58	75.89	85.89	105.33	97.81	7.14	77.52	84.85	101.09
2021-08-13	76.08	4.8	64.68	68.56	77.5	97.73	7.96	74.25	84.71	101.35	95.87	6.82	76.29	84.4	98.91
2021-08-20	78.61	5.6	64.71	70.78	80.54	98.01	8.7	73.11	85.07	103.18	97.45	7.36	76.53	85.26	100.69

2021-08-27	79.47	5.98	64.75	69.24	83.87	98.16	8.07	74	85.12	101.85	97.3	6.99	77.72	85.51	100.87
2021-09-03	79.31	6.11	64.65	67.98	82.87	101.5	8.23	75.74	85.42	103.58	97.42	7.3	76.74	84.94	100.87
2021-09-10	81.58	6.41	64.93	72.44	85.52	101.96	9.27	75.05	86.12	106.36	100.29	7.77	76.55	85.85	102.84
2021-09-17	81.32	6.96	64.64	73.58	85.55	100.98	9.13	75.1	86.4	105.83	98.27	7.34	78.26	86.15	102.67
2021-09-24	80.11	6.32	64.83	75.87	85.73	100.22	9.1	74.7	85.22	105.18	96.93	7.47	76.91	85.01	101.79
2021-10-01	80.56	6.45	64.94	73.14	86.79	102.76	9.19	75.96	86.47	106.8	99.05	7.51	78.27	86.44	102.87
2021-10-08	79.83	5.61	64.94	74.58	83.17	116.87	9.75	73.73	86.44	106.15	107.29	7.8	77.57	86.05	103.09
2021-10-15	82.43	6.16	65.52	75.31	86.59	103.61	9.39	74.69	86.18	105.96	99.68	7.72	77.94	86.52	102.87
2021-10-22	79.03	4.53	68.15	76.26	83.42	101.13	8.69	75.52	84.83	104.79	98.6	6.87	78.61	85.71	100.9
2021-10-29	82.27	6.85	64.84	75.05	86.78	100.77	8.8	75.36	86.98	105.19	100.4	7.67	78.31	86.56	103.47
2021-11-05	82.36	4.66	68.21	76.35	83.79	101.71	9.39	74.94	86.42	106.58	100.17	7.29	78.83	86.77	102.89
2021-11-12	84.31	7.7	65.54	75.89	90.74	102.63	9.33	74.13	87.08	106.27	99.93	7.57	78.01	87.82	104.02
2021-11-19	78.49	5.55	64.96	74.4	82.95	102.33	9.2	74.57	86.2	105.63	99.25	7.49	78.2	87.19	103.66
2021-11-26	81.31	6.52	64.89	76.31	85.37	98.66	8.34	72.95	84.83	101.22	93.58	6.22	77.19	85.62	97.63
2021-12-03	78.39	5.45	65.41	74.35	83.39	101.64	8	74.97	86.14	101.85	97	6.41	79.53	87.53	101.21
2021-12-10	77.84	5.07	65.07	75.63	82.76	100.55	8.79	74.89	86.01	105	98.46	7.02	78.97	86.7	102.35
2021-12-17	78.28	5.45	65.46	74.79	83.72	101.6	9.18	74.81	87.21	106.15	100.24	7.13	79.64	87.82	103.61
2021-12-24	75.71	4.53	65.22	73.49	79.49	97.5	9.01	69.18	86.3	100.35	97.12	7.71	72.99	86.08	98.64
2022-01-01	77.92	4.57	66.98	75.89	82.86	97.68	8.35	72.66	84.86	100.92	97.65	6.88	75.41	85.07	98.42
2022-01-08	80.19	6.68	64.71	73.77	86.2	102.78	9.02	75.5	87.61	105.89	101.39	7.03	80.58	89.23	103.88
2022-01-15	78.96	6.98	64.65	68.21	86.08	101.42	8.92	74.98	86.85	104.71	101.1	7.18	79.7	88.93	103.17
2022-01-22	76.02	5.1	64.62	66.99	79.34	100.6	8.98	73.64	86.3	104.39	98.47	6.9	78.98	87.73	101.87
2022-01-29	78.46	5.13	66.02	74.53	83.72	101.51	8.94	74.43	87.46	104.59	100.72	7.07	79.65	88.69	102.32
2022-02-05	76.1	5.52	64.68	68.24	80.91	100.28	9.01	74.22	86.77	104.97	98.76	6.87	79.74	88.71	102.76
2022-02-12	76.4	5.5	64.7	68.46	81.21	99.75	8.75	74.87	86.99	104.01	99.79	6.99	80.01	88.97	103.48
2022-02-19	77.74	5.31	64.87	73.45	81.55	102.94	9.32	74.57	87.33	106.05	101.34	7.39	79.64	88.62	104.79
2022-02-26	79.05	6.59	64.72	71.07	84.14	101.59	9.17	74.05	86.34	104.66	98.05	6.8	79.08	87.78	101.77
2022-03-05	77.43	5.62	64.78	72.37	82.17	101.89	9.13	75.93	87.92	106.52	99.49	6.71	80.93	89.22	103.72
2022-03-12	78.88	5.66	66.09	74.45	83.79	112.47	9.79	72.67	86.16	104.75	103.86	7.22	77.63	86.78	101.57
2022-03-19	79.26	6.27	65.26	72.95	85.09	98.09	8.9	72.96	85.85	103.26	97.92	6.99	78.77	86.67	102.47

2022-03-26	78.56	6.31	64.99	71.59	84.52	99.85	9.54	72.09	86.85	104.91	99.14	7.21	78.78	87.74	102.66
2022-04-02	78.18	5.49	65.43	74.24	83.42	100.7	8.87	73.71	84.89	103.18	98.59	6.98	78.54	86.23	101.41
2022-04-09	76.82	4.62	65.47	74.26	80.92	99.01	8.96	73.67	85.73	103.92	97.84	7.04	77.93	86.82	101.6
2022-04-16	78.12	5.53	65.14	73.32	82.39	102.11	9.61	70.33	84.93	103.05	96.21	7.13	75.63	85.79	100.35
2022-04-23	77.24	5.56	64.9	69.7	81.93	98.52	9.12	72.67	85.14	103.72	97.09	7.26	78.1	86.5	101.98
2022-04-30	79.59	6.5	65.05	72.57	85.55	98.4	8.69	73.95	85.07	102.81	100.03	7.07	78.54	86.17	101.84
2022-05-07	78.73	5.72	65.09	71.73	82.8	100.28	8.93	73.81	85.46	104.24	97.7	7.12	77.9	86.09	101.79
2022-05-14	79.44	5.79	65.42	73.06	84.95	99.48	9.12	72.6	85.22	103.42	97.3	7.18	77.18	85.55	101.13
2022-05-21	79.58	6.44	64.98	71.28	85.91	101.42	9.44	72.6	85.56	104.84	99.51	7.39	77.46	85.89	101.8
2022-05-28	78.09	5.76	65	70.68	82.92	100.12	9.02	72.76	84.9	102.69	96.72	7.07	77.09	85.52	100.94
2022-06-04	78.99	6.18	65.37	72.02	84.99	98.06	9.08	72.16	84.81	102.96	98.42	7.51	76.47	86.03	101.49
2022-06-11	79.29	5.23	65.83	73.38	83.14	100.06	9.08	72.96	85.2	103.47	98.12	7.44	76.87	85.65	101.13
2022-06-18	80.28	5.68	65.54	71.99	83.4	98.5	9.16	72.08	85.01	103.76	98.33	7.83	75.77	85.31	102.26
2022-06-25	77.4	5.46	65.03	69.53	82.08	97.36	8.5	72.67	84.76	100.92	95.21	7.01	76.52	85.17	99.51
2022-07-02	81.06	6.48	66.18	72.96	86.84	105.98	8.78	73.78	85.67	103.26	108.05	7.51	77.72	85.96	102.26
2022-07-09	79.15	5.66	66.16	70.57	81.92	99.71	8.29	75.11	85.82	103.4	98.09	6.84	78.27	85.71	100.88
2022-07-16	77.8	5.81	66.1	69.31	84.18	101.53	8.78	74.73	85.83	104.89	97.36	6.98	77.36	85.87	100.61
2022-07-23	78.34	5.26	66.17	71.06	81.03	99.72	8.58	75.15	86.29	104.55	97.93	7.17	77.8	85.83	101.76
2022-07-30	78.77	5.39	66.11	71.55	82.36	102.79	8.6	74.28	85.66	103.36	99.73	7.07	77.16	85.24	100.23
2022-08-06	79.61	5.12	66.25	73.06	81.27	103.34	8.9	74.3	86.31	104.42	96.68	7	78.24	85.52	101.36
2022-08-13	77.59	5.15	66.15	70	80.82	98.75	8.21	74.87	85.53	102.45	97.8	6.95	78.06	85.93	100.59
2022-08-20	79.77	5.34	66.11	69.46	81.17	107.22	9.05	74.57	86.21	105.48	99.17	7.25	77.51	85.63	101.47
2022-08-27	81.23	5.46	66.26	70.58	80.98	99.92	8	76.42	86.59	104.08	99.21	7.17	78.26	85.89	101.59
2022-09-03	79.81	5.31	66.6	74.78	82.58	98.78	8.15	75.56	86.58	103.3	95.95	6.58	78.33	85.7	100.78
2022-09-10	78.52	5.67	66.14	69.8	83.54	99.51	8.82	75.15	86.45	104.93	97.04	7.2	78.28	86.38	102.11
2022-09-17	77.92	5.03	66.16	71.86	80.93	100.64	9.08	74.49	86.21	104.63	100.39	7.64	78.09	86.11	103.09
2022-09-24	78.69	5.54	66.12	68.75	82.88	102.44	8.93	74.9	86.52	105.36	97.52	7.47	77.23	85.02	102.17
2022-10-01	78.23	5.33	66.09	68.39	82.2	101.25	9.6	73.38	86.1	105.55	99.27	7.64	76.83	85.36	102.66
2022-10-08	78.16	5.79	66.1	68.87	81.91	100.24	9.63	72.27	86	104.77	98.64	8.29	74.59	84.93	102.84
2022-10-15	80.46	6.03	66.13	69.13	83.92	103.39	10.27	72.99	86.3	107.3	98.95	7.85	77	85.54	103.06

2022-10-22	82.25	6.77	66.18	76.07	86.88	102.21	8.89	75.53	86.55	105.58	100.09	7.6	78	85.95	102.88
2022-10-29	81.61	6.2	67.33	76.72	86.32	103.06	9.86	73.79	86.67	106.85	100.45	8.11	77.61	86.16	104.19
2022-11-05	81	5.24	67.52	76.8	84.47	101.48	8.91	73.72	85.34	104.1	99.87	7.53	78.02	86.17	103.28
2022-11-12	79.75	5.94	64.83	72.51	84.24	105.9	9.84	74.12	87.97	107.03	103.6	7.86	78.58	87.9	104.84
2022-11-19	80.26	6.73	64.68	70.9	86.51	103.6	9.22	76.1	87	106.98	100.83	7.48	79.46	87.53	104.4
2022-11-26	80.68	5.16	65.86	76.98	82.68	102.64	8.99	76.02	87.49	106.5	98.79	6.94	79.72	87.96	103.02
2022-12-03	79.3	6.13	64.92	73.04	83.55	101.69	8.73	76.09	87.31	106.08	101.26	7.32	79.39	88.38	104.32
2022-12-10	78.56	5.45	65.2	76.05	82.68	101.53	8.48	76.77	87.37	105.51	99.5	6.7	80.54	88.34	102.26
2022-12-17	80.95	6.1	65.43	74.51	86.98	100.34	8.85	75.57	87.56	105.15	99.75	7.41	78.52	87.94	103.2
2022-12-24	82.24	7	65.11	76.34	88.64	96.2	8.47	71.52	86.55	99.62	95.92	7.21	74.68	86.05	97.75
2023-01-01	76.96	5.89	64.58	71.99	81.77	100.8	8.42	75.54	88.48	104.91	98.99	6.31	81.52	90.18	102.99
2023-01-08	81.81	6.74	65.54	76.23	87.13	100.94	9.89	73.43	86.7	107.07	99.96	7.41	78.98	87.85	103.93
2023-01-15	81.7	6.52	65.27	75.04	85.45	100.88	9.21	74.87	87.15	106.38	100.12	7.47	79.15	88.12	104.37
2023-01-22	78.88	6.77	64.59	70.63	85.24	100.05	8.47	76.14	86.91	104.99	98.54	6.77	80.32	88.44	102.91
2023-01-29	81.77	6.04	64.69	72.14	83.08	102.47	9.32	74.14	86.91	105.39	101.52	7.6	79.05	87.83	104.08
2023-02-05	78.76	5.78	64.78	75.11	83.83	101.4	9.17	73.19	86.49	104.52	98.04	7.36	77.33	87.15	102.4
2023-02-12	80.59	6.08	64.67	74.41	83.76	100.98	8.98	74.44	87.89	106	100.17	7.12	79.74	89.03	104.27
2023-02-19	81.3	6.03	65.11	75.64	84.69	103.86	9.17	75.89	88.74	107.36	101.54	7.21	80.81	89.68	105.28
2023-02-26	82.22	5.55	65.92	75.48	83.6	99.85	8.73	75.02	87.47	104.55	99.53	6.95	79.53	88.48	102.95
2023-03-05	76.75	4.73	66.31	72.53	81.2	103.71	8.85	76.41	87.59	105.73	105.15	6.89	80.38	88	103.35
2023-03-12	80.62	5.63	66.37	72.86	84.01	101.5	9.19	74.45	87.84	105.6	99.98	7.4	79.07	87.92	104.42
2023-03-19	78.59	5.81	66.14	71.59	83.54	102.32	9.2	74.3	86.85	105.01	99.32	7.55	78.37	86.95	103.74
2023-03-26	77	4.79	66.29	73.11	81.24	102.29	9.27	73.94	85.95	104.63	98.74	7.2	78.13	86.45	102.72
2023-04-02	78.47	5.36	66.28	74.53	82.84	99.12	8.83	73.93	86.4	103.95	99.09	7.34	78.23	86.19	102.61
2023-04-09	78.27	5.18	66.25	74.14	82.12	100.24	9.32	73.37	86.17	104.33	98.82	7.7	76.67	86.05	102.77
2023-04-16	78.75	4.68	67.26	77.55	83.24	98.5	9.49	71.06	85.47	104.49	97.92	7.51	76.31	85.92	102.19
2023-04-23	81.39	6.31	66.22	70.43	86.09	101.78	10.1	71.73	86.65	106.51	100.37	7.93	77	86.31	103.5
2023-04-30	77.66	5.42	66.26	72.91	83.06	100.11	8.94	74.57	86.83	104.18	98.88	7.1	78.12	86.37	101.91
2023-05-07	79.12	5.74	66.15	69.78	83.59	100.52	8.42	75.55	86.71	103.77	99.22	7.23	78.53	86.69	102.7
2023-05-14	77.24	4.96	66.13	70.57	81.52	100.64	8.85	73.32	86	103.13	96.69	6.96	77.38	85.81	100.21

2023-05-21	79.06	5.51	66.13	70.03	82.42	101.1	9.04	74.31	87.2	104.92	98.56	7.49	77.64	86.32	102.75
2023-05-28	76.38	4.06	66.15	70.89	76.56	99.66	8.59	74.33	86.25	104.28	95.18	6.64	78.07	85.3	100.04
2023-06-04	79.46	5.05	66.75	76.09	83.26	100.14	8.11	76.55	86.93	104.2	98.26	6.81	78.92	85.86	101.37
2023-06-11	79.63	5.42	66.13	71.62	79.97	98.66	8.33	73.63	85.52	101.76	98.7	7.05	76.55	84.89	99.38
2023-06-18	78.19	4.9	66.27	71.8	80.26	101.09	8.34	75.27	86.49	103.93	96.29	7.07	77.63	85.97	101.26
2023-06-25	77.88	4.94	66.2	71.23	81.72	99.03	8.43	75.5	86.07	103.62	97.25	7.14	77.71	86.74	100.84
2023-07-02	79.38	5.11	65.24	74.71	80.39	100.99	8.1	74.23	84.31	100.82	103.5	6.4	77.56	84.42	98.23
2023-07-09	77.21	4.74	65.16	71.87	78.5	95.33	7.8	72.68	83.77	99.14	93.86	6.16	76.66	84.59	96.49
2023-07-16	77.68	5.39	64.88	68.54	79.53	100.27	8.61	74.21	85.27	103.84	97.37	7.41	76.25	85	100.52
2023-07-23	77.22	5.4	65.09	71.05	81.86	101.41	8.96	73.86	85.23	103.85	96.58	7.28	75.8	84.95	100.5
2023-07-30	77.13	5.03	64.97	68.04	78.23	100.5	8.62	74.14	85.24	103.01	96.32	7	76.83	84.8	99.73
2023-08-06	79	5.61	65.04	69.84	81.82	100.46	9.36	73.15	84.44	104.26	99.28	7.53	76.59	84.94	101.07
2023-08-13	79.49	5.31	65.44	75.61	80.81	99.05	8.36	75.59	85.9	103.59	97.85	6.86	78.65	85.96	101.1
2023-08-20	77.08	5.3	65.02	72.96	80.36	98.56	8.41	74.23	85.45	102.42	96.58	6.72	78.2	86.08	99.98
2023-08-27	80.32	6.42	65.01	71.7	85.32	99.85	8.35	74.67	86.57	103.24	98.46	7.01	78.32	86.96	100.91
2023-09-03	78	5.45	64.9	70.3	82.08	99.68	8.78	73.76	86.11	103.96	97.65	7.22	76.92	85.97	101.18
2023-09-10	79.39	5.8	64.88	67.97	82.31	101.34	8.56	75.45	86.8	104.78	98.84	7.25	78.12	85.83	102.53
2023-09-17	79.38	5.62	65.17	73.84	82.75	98.8	8.32	75.55	87.28	104.2	99.06	7.41	78.14	87.11	102.95
2023-09-24	80.33	5.18	66.96	75.07	83.54	97.98	8.57	74.03	86.57	103.5	97.82	7.37	77.39	86.91	101.79
2023-10-01	79.38	6.04	64.98	71.97	84.37	102.8	8.9	75.55	86.72	105.13	100.19	7.57	77.92	86.16	102.47
2023-10-08	79.21	6.43	64.86	73.6	84.73	100.05	9.71	71.85	85.54	105.29	98.39	7.94	75.15	85.13	101.81
2023-10-15	81.48	6.65	64.79	75.13	86.59	105.13	9.62	72.47	85.23	104.42	104.05	8.06	74.99	85.27	102.47
2023-10-22	78.3	6.61	63.1	72.8	84.06	102.08	9.39	72.96	86.32	104.5	97.7	7.58	77.34	85.64	102.54
2023-10-29	76.96	6.71	62.92	68.84	84.19	99.93	9.01	73.94	86.47	105.04	98.88	7.32	78.32	86.05	102.63
2023-11-05	78.33	5.25	64.82	74.26	82.89	100.29	9.01	71.91	86.58	103.45	99.77	7.59	75.46	86.84	100.43
2023-11-12	77.12	6.15	63.03	70.48	82.14	101.16	8.85	74.43	87.66	104.95	98.16	7.42	78.22	87.45	103.49
2023-11-19	79.93	5.98	63.54	74.27	84.57	102.62	9.59	73.71	86.87	105.43	101.59	7.77	77.7	87.31	103.47
2023-11-26	77.66	6.68	62.97	69.77	82.86	101.19	9.34	75.08	86.96	106.31	99.95	7.35	78.64	87.09	103.54
2023-12-03	79.86	6.76	63.49	73.56	86.13	102.93	9.69	74.05	85.67	106.75	101.59	7.67	78.14	87.61	104.17
2023-12-10	78.53	7.11	62.96	71.09	84.67	101.91	9.33	73.49	86.45	105.63	99.66	7.3	78.99	88.22	103.62

2023-12-17	79.38	7.25	62.99	71.73	86.02	102.94	9.19	74.66	86.79	105.33	99.62	7.35	78.75	87.4	103.09
2023-12-24	77.6	6.02	62.98	72.4	82.49	98.46	9.82	68.27	86.04	101.73	98.58	8.31	71.9	84.67	99.94
2024-01-01	77.91	7.15	62.8	72.01	84.14	100.73	9.11	72.8	86.4	103.84	97.93	6.88	77.87	87.08	100.57
2024-01-08	78.95	5.52	63.73	75.59	82.49	102.11	9.21	74.31	87.26	105.08	99.94	7.2	79.11	88.04	102.85
2024-01-15	80	7.88	62.96	68.11	88.29	100.53	9.52	72.36	86.9	105.08	98.64	7.51	77.27	86.93	102.41
2024-01-22	82.48	7.59	65.28	75.26	88.99	103.11	9.51	72.57	86.76	105.17	98.09	7.01	78.26	87.16	101.52
2024-01-29	78.99	6.57	63.08	71.95	85.22	101.95	9.05	75.94	89.04	107.21	98.9	6.98	81.02	89.69	104.5
2024-02-05	79.93	6.5	63.49	73.93	85.3	101.31	9.35	74.92	88.17	106.27	101.21	7.63	79.38	88.24	105.15
2024-02-12	76.5	6.25	63	69.91	82.51	100.19	9.04	74.41	87.61	105.06	100.97	7.1	79.17	87.61	102.47
2024-02-19	79.45	7.35	62.89	70.69	85.98	107.6	9.2	75.7	87.79	106.29	101.84	7.01	79.24	87.79	102.3
2024-02-26	78.94	4.28	67.39	76.84	82.21	101.73	8.64	76.8	86.88	105.56	98.34	6.55	80.69	87.62	102.35
2024-03-04	76.84	6.11	63.67	72.17	81.75	99.68	8.24	76.59	87.22	104.22	98.89	6.35	80.82	87.36	101.44
2024-03-11	76.91	6.29	63.54	69.44	81.35	100.32	8.36	77.91	87.54	105.54	98.46	6.43	81.48	88.08	102.72
2024-03-18	77.44	6.32	63.4	68.83	82.78	101.15	9.2	74.14	87.15	105.84	99.23	6.89	79.14	87.33	101.91
2024-03-25	77.79	5.8	63.81	71.8	82.17	101.35	9.14	73.53	86.43	104.2	99.19	7.33	77.54	85.88	101.23
2024-04-01	75.78	5.24	63.69	71.9	80.02	100.26	9.45	73.61	86.81	105.48	98.86	7.33	78.36	86.54	102.36
2024-04-08	77.72	5.57	63.67	73.52	80.58	100.56	9.21	72.46	86.25	104.22	98.68	7.25	77.14	86.23	101.5
2024-04-15	76.52	5.67	63.46	71.08	78.87	99.53	9.1	72.76	85.95	103.81	98.07	6.56	78.68	86.81	100.39
2024-04-22	78.8	6.66	63.53	73.03	84.93	99.52	8.99	73.68	85.89	103.85	96.2	7.07	76.95	85.37	100.41
2024-04-29	78.31	5.39	63.63	71.61	80.38	97.55	8.16	74.78	86.46	102.31	97.31	7.01	77.74	86.08	101.11
2024-05-06	76.44	5.64	63.53	71.4	80.48	99.44	8.4	75.72	86.93	103.79	97.1	7.13	77.8	85.85	101.4
2024-05-13	77.51	5.41	63.81	71.74	80.21	100.77	8.68	75.02	86.55	104.27	97.98	6.85	77.66	86.09	100.66
2024-05-20	78.11	5.62	64.09	72.04	82.14	98.55	8.26	74.39	85.46	102.5	95.99	6.84	77.25	85.44	100.07
2024-05-27	79.75	6.33	63.96	70.62	84.87	99.68	8.67	73.95	86.84	104.2	96.29	6.87	78.05	85.98	101.02
2024-06-03	79.31	5.76	64.03	73.03	83.31	100.52	8.71	75.2	86.53	104.98	97.56	6.93	78.64	85.77	101.59
2024-06-10	77.27	5.77	63.53	71.48	82.27	100.57	8.53	75.2	86.63	104.31	96.69	6.83	78.29	85.69	101.07
2024-06-17	78.24	5.79	63.4	67.94	81.61	99.3	8.93	74.08	86.71	104.64	99.59	7.82	76.93	85.54	102.77
2024-06-24	79.44	6.42	63.44	68.85	83.88	101.11	8.82	74.55	86.2	104.94	99.4	7.84	76.79	85.62	102.73
2024-07-01	77.96	5.47	63.68	69.78	80.3	101.49	8.93	74.46	86.34	104.66	98.57	7.49	77.09	85.24	101.54
2024-07-08	76.46	5.54	62.43	70.9	77.22	107.88	8.45	75.35	86.16	103.52	103.26	7.24	77.59	85.32	100.66

2024-07-15	76.74	5.9	62.23	66.02	77.73	99.68	8.82	74.37	85.62	104.07	97.39	7.33	76.45	84.57	100.65
2024-07-22	77.29	5.64	62.63	69.78	78.72	100.68	8.51	75.22	86.7	104.32	96.77	7.28	76.54	85.45	101.61
2024-07-29	76.33	5.74	62.77	68.95	81.32	100.86	8.62	76.62	87.11	106.21	98.52	7.05	79.18	86.61	102.65
2024-08-05	77.63	5.84	62.4	67.02	80.11	99.44	8.54	75.47	86.65	104.25	98.91	7.7	77.09	85.66	102.49
2024-08-12	77.14	5.05	62.86	69.12	77.99	100.33	8.85	74.28	86.52	104.49	96.83	7.43	76.43	85.21	101.18
2024-08-19	78.53	5.83	63.45	70.2	82.61	98.35	8.37	74.24	85.77	102.41	97.83	7.33	76.42	84.74	100.39
2024-08-26	78.41	6.38	62.44	68.92	82.38	100.24	8.43	75.85	87.42	104.58	98.85	7.45	77.96	86.64	102.47
2024-09-02	77.34	5.83	62.35	66.6	80.38	102.89	9.05	74.36	87.37	105.86	98.15	7.38	77.17	87.12	102.28
2024-09-09	78.08	6.37	62.35	69.44	82.68	100.16	8.93	74.49	86.64	105.69	98.59	7.36	76.73	85.87	101.37
2024-09-16	78.96	6.43	62.36	70.06	82.54	101.34	9.05	75.91	87.9	106.67	99.48	7.7	78.15	86.44	103.8
2024-09-23	79.56	6.33	63.29	72.9	85.14	99.21	8.72	74.75	87.49	104.53	97.08	7.3	77.62	86.64	101.87
2024-09-30	80.11	6.84	62.39	69.57	83.53	102.14	9.26	74.38	87.65	105.77	98.97	7.53	77.72	86.96	102.93
2024-10-07	78.84	6.51	62.36	69.3	82.35	100.81	9.21	74.1	87.89	105.81	99.14	7.84	77.49	86.58	103.78
2024-10-14	82.76	7.57	65.13	75.02	89.11	109	10.31	71.79	87.02	106.26	105.61	8	76.42	85.63	102.3
2024-10-21	81.14	6.99	65.14	72.68	87.23	101.69	9.71	73.47	88.05	106.46	99.65	7.85	77.95	87.61	104.22
2024-10-28	81.06	5.87	66.23	76.42	86.09	100.44	9.46	73.61	87.11	106.02	100.59	7.72	78.96	88.18	105.13
2024-11-04	82.8	7.76	64.88	74.58	88.82	99.49	9.35	72.86	87.17	104.82	100.02	7.49	77.97	87.81	102.6
2024-11-11	82.05	5.54	66.78	77.59	85.84	101.62	9.43	73.21	85.77	104.81	98	7.23	77.39	86.26	101.81
2024-11-18	80.59	5.51	66.48	76.89	85.61	102.48	9.81	74.86	87.46	107.49	99.67	7.62	79.38	87.49	104.65
2024-11-25	80.63	6.26	65.04	72.51	84.43	103.06	9.15	74.7	88.2	105.95	100.4	7.45	80.02	88.83	105.01
2024-12-02	80	6.73	64.86	69.18	85.15	100.8	9.42	73.36	87.28	105.86	98.55	7.34	78.17	87.45	103.16
2024-12-09	79.91	6.43	65.31	73.62	84.29	101.98	9.58	73.38	87.07	105.98	99.09	7.4	78.55	88.11	104.42
2024-12-16	82.45	6.8	65.81	74.83	88.2	101.58	9.51	72.85	88.07	105.64	99.76	7.96	77.22	87.8	104.64
2024-12-23	79.56	5.41	66.82	76.09	85.35	102.48	10.08	69.41	84.61	103.52	97.25	7.64	73.91	84.77	99.78