



# Maritimes Monthly Weather & Climate Summary May 2023

## Overview

Temperatures continue to be near seasonal and this has been the case since February. In terms of precipitation, this was the fourth consecutive month with below normal precipitation. The month was marred by prolonged dryness which has resulted in the largest wildfire in NS history and a number of other significant wildfires in NS and NB towards the end of the month.

## Temperature – Anomaly

Monthly average temperatures were near to slightly below normal across the Maritimes in May. Areas that saw near normal temperatures included all of NB, most of PEI, western NS and Cape Breton. Regions that recorded below normal temperatures were extreme southeastern PEI, eastern and northern NS. Some daily maximum temperature records were broken during the end of the month associated with hot and dry conditions.

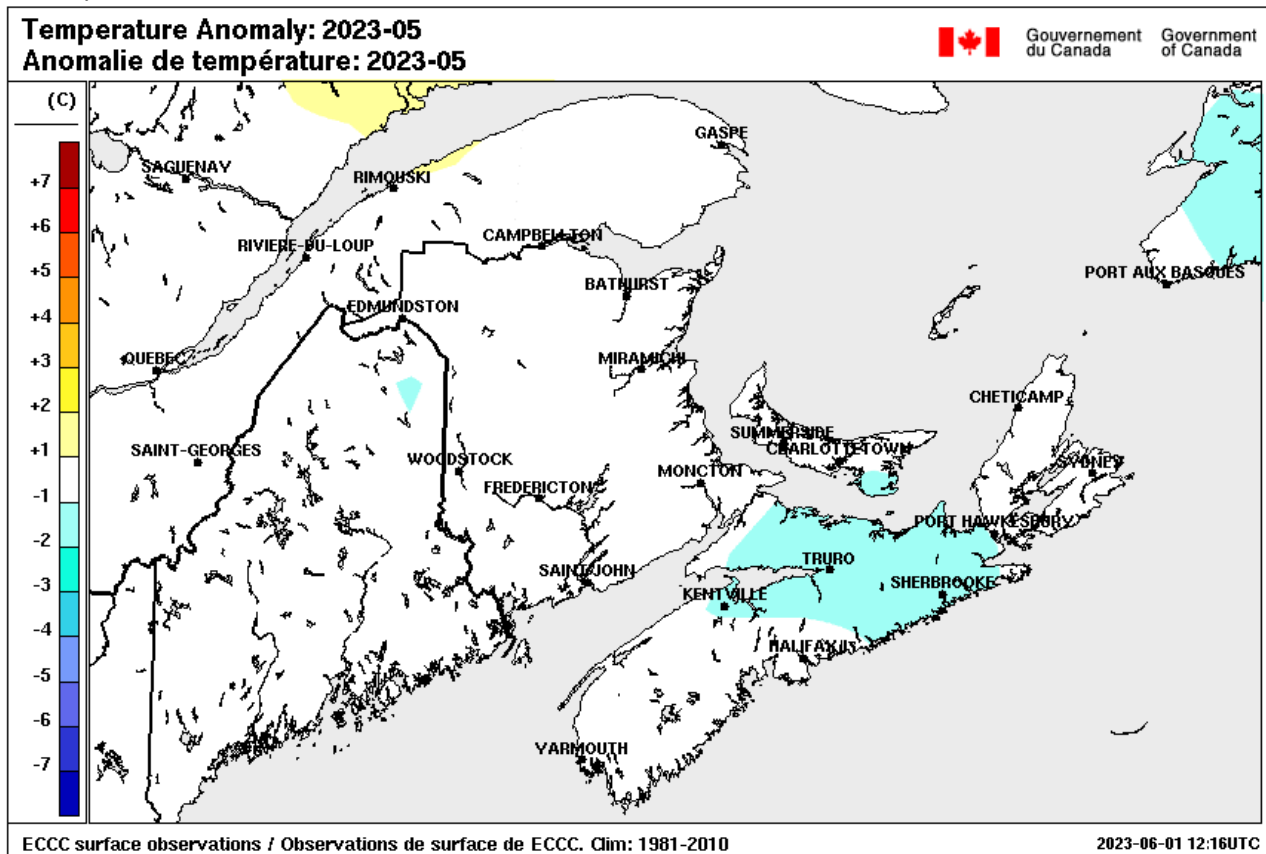


Figure 1: Monthly temperature anomaly map for May 2023 based on archived station data compared to 1981-2010 normals for the Maritimes.

# Precipitation – Anomaly

Precipitation in May was below normal across most areas with parts of northern NB, eastern NS and most of Cape Breton seeing near normal conditions. The driest conditions occurred over extreme southeastern NB, portions of western PEI and western & northern NS with monthly total precipitation less than 50% of normal. The dryness has persisted since February with many regions recording less than 60% of normal over the four-month period.

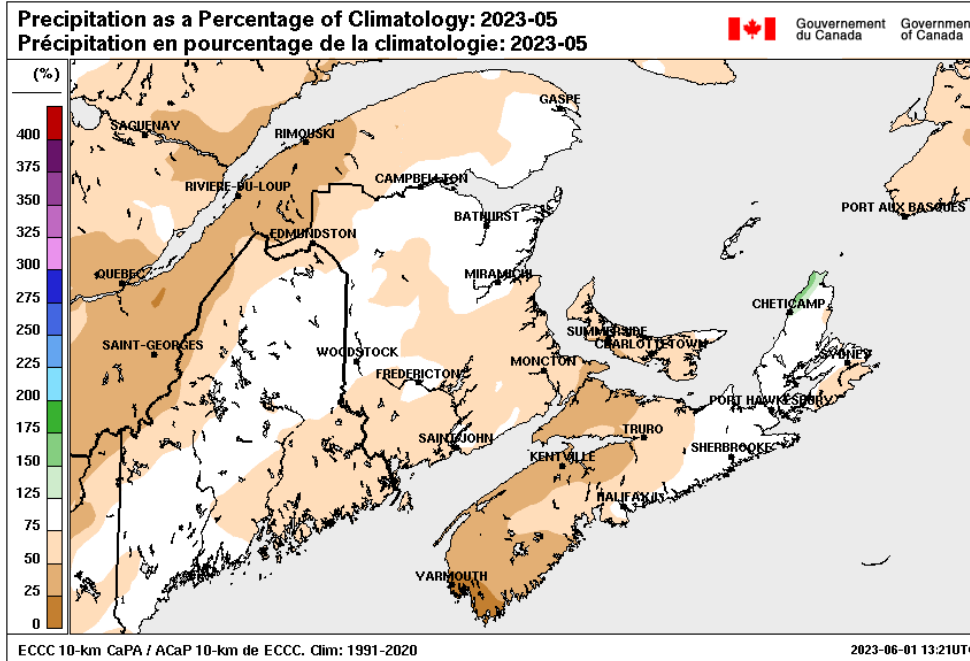


Figure 2: Monthly precipitation anomaly for May 2023 based on ECCC Canadian Precipitation Analysis (CaPA) a gridded blend of model, radar, and station data, compared to 1991-2020 normals for the Maritimes. (Anomaly: Precipitation as a percentage of the average).

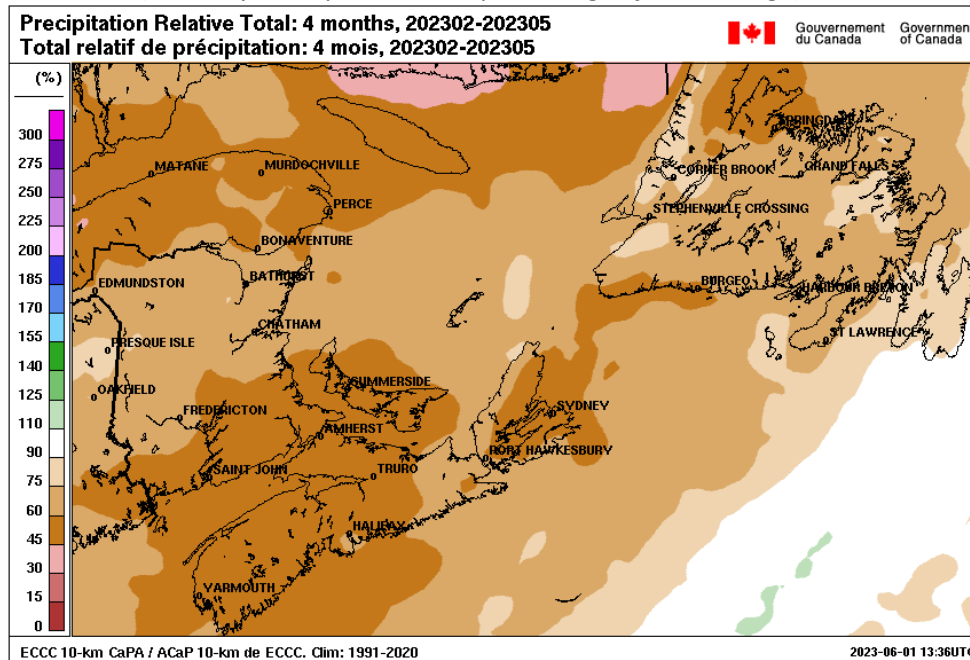


Figure 3: Multi-monthly precipitation anomaly for February-May 2023 based on ECCC Canadian Precipitation Analysis (CaPA) a gridded blend of model, radar, and station data, compared to 1991-2020 normals for the Maritimes. (Anomaly: Precipitation as a percentage of the average).

**Table 1: Monthly average temperature and total precipitation for May 2023 for selected locations in the Maritimes compared to 1981-2010 Canadian Climate Normals (for the same or a nearby station). Temperature difference from normal: cells shaded pink if  $\geq 1$  °C, blue if  $\leq -1$ °C. Precipitation as a percent of normal: cells shaded green if  $\geq 125\%$  of normal, yellow if  $\leq 75\%$  of normal. Rank (if included) provides a ranking of mean temperature (eg. 1 warmest, 2 second warmest etc.) for the month against long-term data for the month).**

| Location             | Mean Temperature (°C) |             |                   |                         | Total Precipitation (mm) |              |                      |
|----------------------|-----------------------|-------------|-------------------|-------------------------|--------------------------|--------------|----------------------|
|                      | Monthly Mean          | Normal Mean | Diff. from Normal | Rank (Warmest, Coldest) | Monthly Total            | Normal Total | Total as % of Normal |
| Bas Caraquet         | 9.1                   | 8.8         | 0.3               | >10,>10                 | 106.2                    | 85.6         | 124                  |
| Charlo               | 9.5                   | 9.0         | 0.5               | >10,>10                 | 82.8                     | 84.8         | 98                   |
| Fredericton          | 10.8                  | 11.3        | -0.5              | >10,>10                 | 86.5                     | 103.8        | 83                   |
| Moncton              | 9.7                   | 10.0        | -0.3              | >10,>10                 | 42.9                     | 96.9         | 44                   |
| Saint John           | 9.0                   | 9.5         | -0.5              | >10,>10                 | 93.4                     | 109.8        | 85                   |
| Woodstock            | 10.4                  | 10.9        | -0.5              | >10,>10                 | 83.2                     | 94.2         | 88                   |
| Amherst (Nappan)     | 9.1                   | 10.2        | -1.0              | >10,>10                 | 35.7                     | 100.7        | 35                   |
| Greenwood            | 10.2                  | 11.2        | -1.0              | >10,>10                 | 29.4                     | 84.8         | 35                   |
| Halifax (Airport)    | 9.3                   | 10.0        | -0.7              | >10,>10                 | 63.5                     | 111.9        | 57                   |
| Halifax (Shearwater) | 9.7                   | 9.2         | 0.5               | >10,>10                 | 84.8                     | 120.6        | 70                   |
| Sydney               | 7.1                   | 7.9         | -0.8              | >10,>10                 | 88.6                     | 103.2        | 86                   |
| Truro (Debert)       | 8.4                   | 10.2        | -1.8              | >10,>10                 | 42.5                     | 106.8        | 40                   |
| Yarmouth             | 9.9                   | 9.7         | 0.2               | >10,>10                 | 37.8                     | 100.9        | 37                   |
| Charlottetown        | 8.5                   | 9.2         | -0.7              | >10,>10                 | 46.9                     | 91.0         | 52                   |
| Summerside           | 9.2                   | 9.5         | -0.3              | >10,>10                 | 33.0                     | 97.7         | 34                   |

## Significant Weather Events & Impacts

**May 1-2** – After a dry April, a slow-moving trough brought much needed rain (10-30 mm) to most areas. Exceptions include areas along the central Atlantic coast of NS and isolated regions of the Fundy coast in NB where 60-80 mm of rain fell. The trough was also accompanied by gusty easterly winds of generally 60-80 km/h along exposed coastal areas and Les Suêtes winds in Cape Breton gusted up to 156 km/h.

**May 8-9** – A spring snowfall blanketed elevated terrain in northern Cape Breton with up to 15 cm of snow and caused isolated power outages due to the wet and heavy snow.

[Snowfall warning ends for parts of the Cape Breton Highlands | CTV News](#)

**May 20-21** – Rainy and windy conditions were felt across most regions in the Maritimes as trough of low pressure traversed the region. Amounts varied from west to east with southwestern NB receiving the highest amounts between 30-45 mm and Cape Breton receiving only 3-5 mm. Gusty northwest winds of 60-80 km/h were strongest over eastern areas and caused power outages.

[High winds knock out power to thousands on P.E.I. | CBC News](#)

**May 24-26** – A trough of low pressure stalled over portions of central and northern NB as a low-pressure system moved south of NS and affected eastern NS and Cape Breton. Both areas saw widespread rainfall amounts of 25-50 mm, which eased the dry conditions so far this spring. Locally, the Broad Cove area in northern Cape Breton received 69 mm.

**May 28** – The first taste of summer brought the region's first maximum temperatures that exceeded 30°C in all three provinces along with some daily records. The hot and dry conditions were also accompanied by strong westerly winds that gusted near 60-70 km/h across the region.

**May 31 – June 1** – The first heat event of the year affected parts of the region. Charlo, NB recorded a maximum temperature of 33.6°C on May 31<sup>st</sup>, setting a new record for May at that location, and Bathurst, NB, tied its record daily maximum temperature for May, at 33.7°C. Complete details on this event will be provided in the June summary.

## Fire Weather

The ongoing and persistent dry conditions since February combined with a warm and windy air mass produced several wildfires in NS and NB beginning early in the month and intensified on May 28<sup>th</sup>. The daily fire danger index for May 28<sup>th</sup> was high to extreme for most regions. A wildfire of historic proportions caused thousands of residents to be evacuated in NS along with a number of school and road closures. The flames damaged or destroyed more than 200 homes and structures in the Halifax area. The province's largest fire on record, estimated to be 20,000 hectares as of May 31<sup>st</sup>, is continuing to burn in Shelburne County in the southwestern portion of the province. In NB, hundreds of residents were evacuated with only a few structures being lost to the fires in the Saint Andrews area. These wildfires will continue to burn into June.

[Wildfire burning near Weymouth still out of control | CBC News](#)

[Homes evacuated as crews battle wildfire in Shelburne County | CBC News](#)

[Emergency crews battling wildfire in Shelburne County | CBC News](#)

[Local state of emergency declared as forest fire rages near Halifax | CBC News](#)

[75 homes evacuated as forest fire continues near Saint Andrews | CBC News](#)

[P.E.I. bans all outdoor burning as fire risk remains high | CBC News](#)

[Halifax-area wildfire still out of control, but has not grown | CBC News](#)

[Forest fires 'surreal' so close to home, says Bocabec evacuee | CBC News](#)

[Shelburne County blaze likely to grow, now the largest wildfire in N.S. history | CBC News](#)

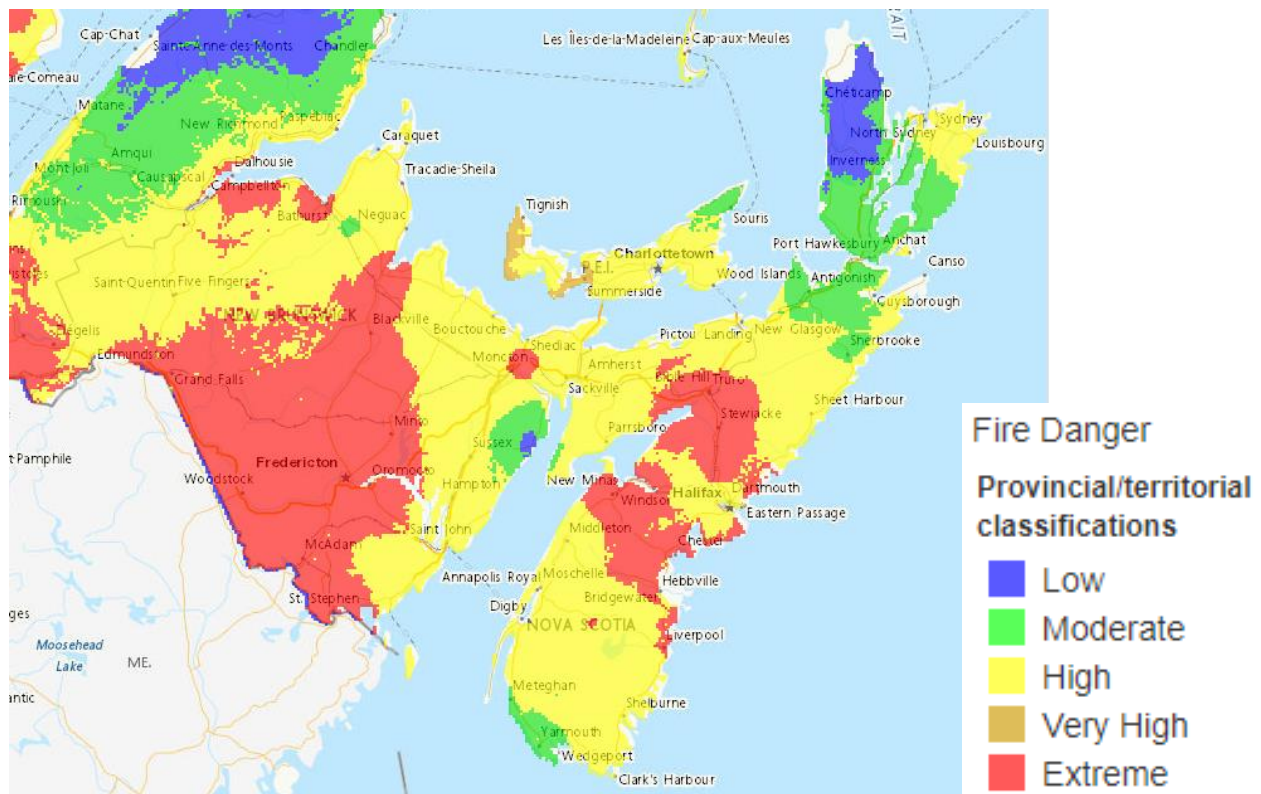


Figure 4: Natural Resources Canada Daily Fire Danger analysis for May 28, 2023.  
 Source: <https://cwfis.cfs.nrcan.gc.ca/interactive-map>

## May Lightning

Across the Maritimes, cloud-ground lightning stroke totals were below normal. The below normal precipitation recorded for the month likely contributed to the lack of lightning. Year-to-Date activity is also below normal for all regions since record keeping began in 2002. The lightning season is just getting started and it is still early. The three busiest months are June, July and August with July being the busiest.

| Province | May 2023 Observed | May Average | May 2023 Rank              | Year-to-Date Observed | Year-to-Date Average | Year-to-Date Rank      |
|----------|-------------------|-------------|----------------------------|-----------------------|----------------------|------------------------|
| NB       | 82                | 1,946       | 4 <sup>th</sup> Lowest     | 143                   | 2,257                | 3 <sup>rd</sup> Lowest |
| NS       | 204               | 601         | Tie 8 <sup>th</sup> Lowest | 226                   | 1,166                | 2 <sup>nd</sup> Lowest |
| PEI      | 3                 | 45          | 9 <sup>th</sup> Lowest     | 3                     | 78                   | 4 <sup>th</sup> Lowest |

## Daily Temperature and Precipitation Time Series

The temperature time series are similar for the three provincial capitals for May as the month continuously alternated between periods of below and above normal that resulted in near normal temperatures for all sites. The precipitation time series for all three sites indicate one event at the beginning of the month then only light and spotty precipitation for the rest of the month. An exception occurred in Fredericton where moderate precipitation fell during an event near the middle of the month. Precipitation totals were below normal at all sites.

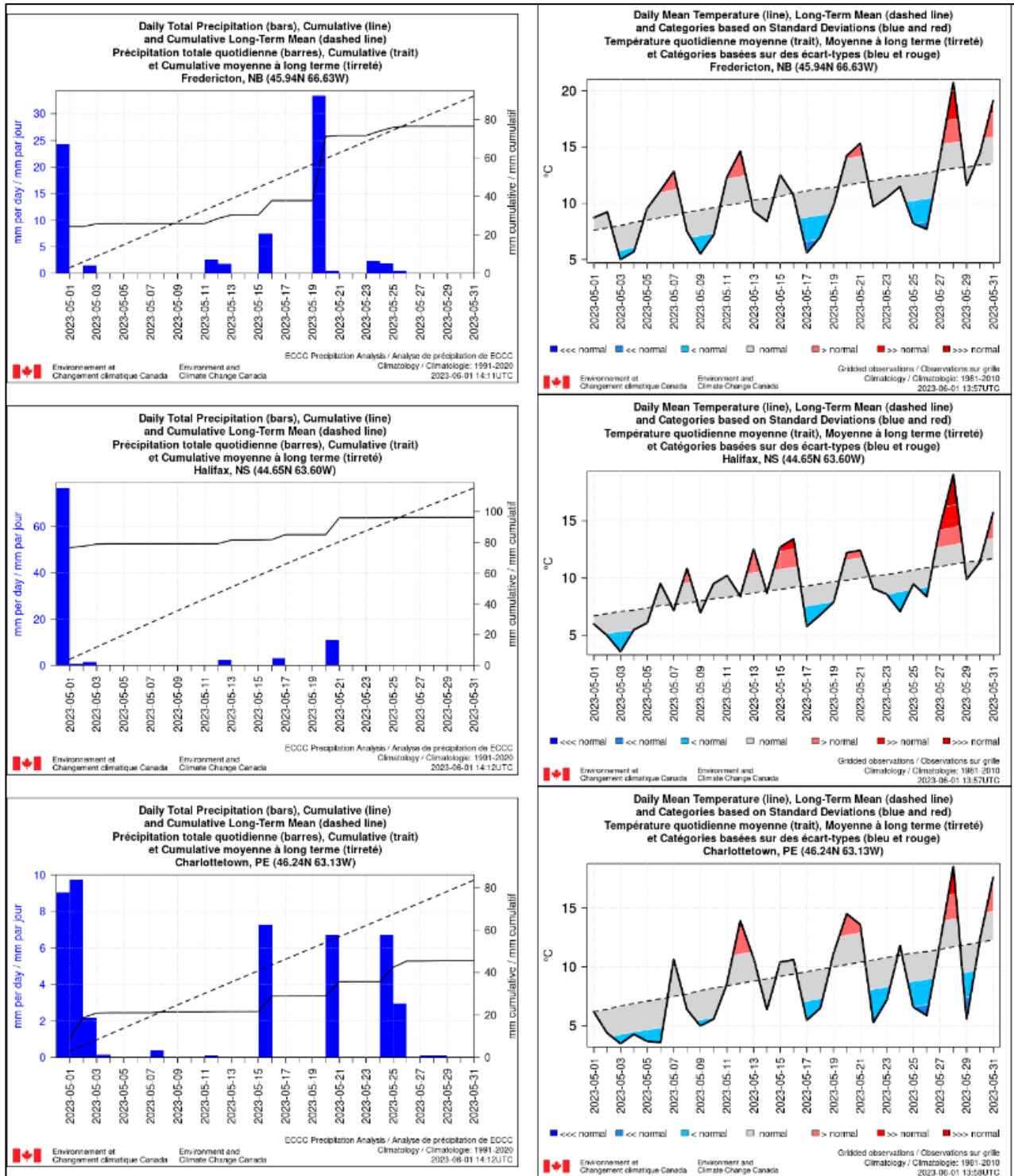


Figure 5: Daily total precipitation (Canadian Precipitation Analysis (CaPA) data) and mean temperature for Fredericton, NB (top), Halifax, NS (middle), and Charlottetown, PEI (bottom), for May 2023 based on gridded data, compared to long-term means (Canadian Precipitation Analysis (CaPA) data, 1991-2020, and temperature data, 1981 to 2010).

## Sea Surface Temperature - Departure from Normal

The sea surface temperature (SST) departure from normal map during the week of May 22 to 28, 2023 indicates a range of conditions across the region. Below normal temperatures (1-4 degrees) occurred across portions of the Gulf of St. Lawrence and over offshore waters south of NS. Near to above normal temperatures (zero-3 degrees) occurred across most other areas. Exceptions include the eastern coast of NB, the Northumberland Strait, eastern Bay of Fundy, and parts of coastal NS where anomalies of 5 degrees or more above normal occurred.

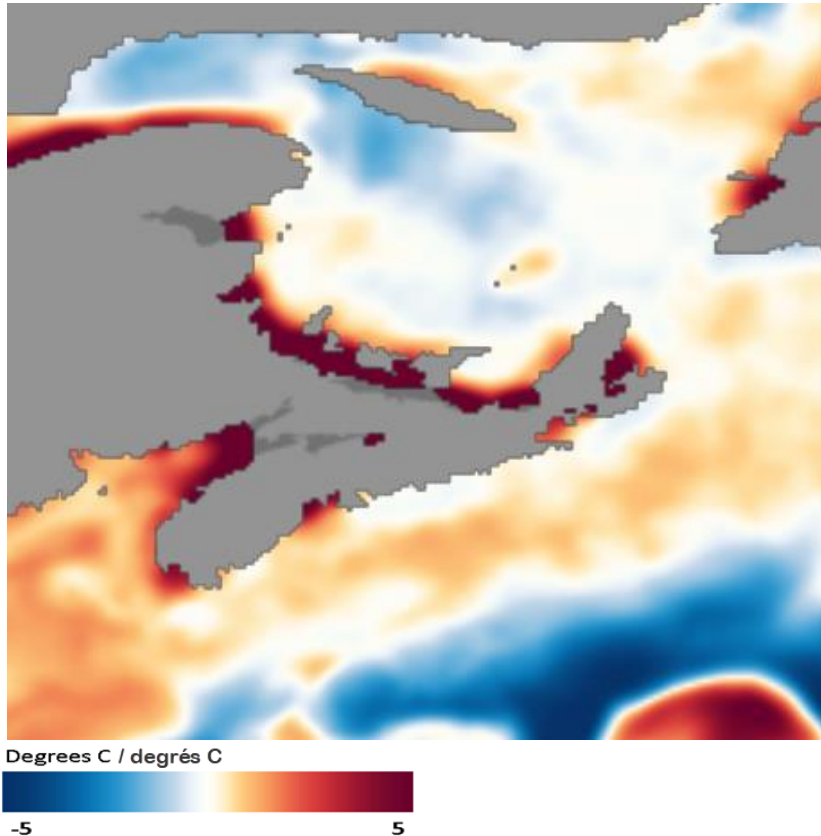


Figure 6: Sea surface temperature (SST) anomaly map for May 22 to 28, 2023. Data based on 1981-present. Source: <https://www.nnvl.noaa.gov/view/#SSTA>

## Other Climate Related Information

[Polar vortex may have wiped out South Shore mussel beds | SaltWire](#)

[How warming waters around P.E.I. could affect snow crab and lobster | CBC News](#)

[Nova Scotia wildfire numbers already higher than all of 2022 | SaltWire](#)

[Fruit growers lost crops cold snap in Feb | CBC News](#)

[Strawberry growers hope for warmer, wetter weather | CBC News](#)

# Temperature & Precipitation Outlook

The four-week outlook for temperature and precipitation from the Canadian Global Ensemble Prediction System (GEPS) for June 5 to July 3, 2023 indicates a weak to moderate probability of above normal temperatures for the region. In terms of precipitation, there is no signal in relation to normal. Exceptions include portions of western NB and portions of western NS where there is a weak indication of below normal precipitation.

The previous four-week outlook, from April 27th, the outlook did not perform all that well as near normal to below normal temperatures occurred when above normal temperatures were predicted. The precipitation outlook performed slightly better as some regions reported near normal precipitation as forecast. Remaining regions reported below normal conditions when near normal was forecast.

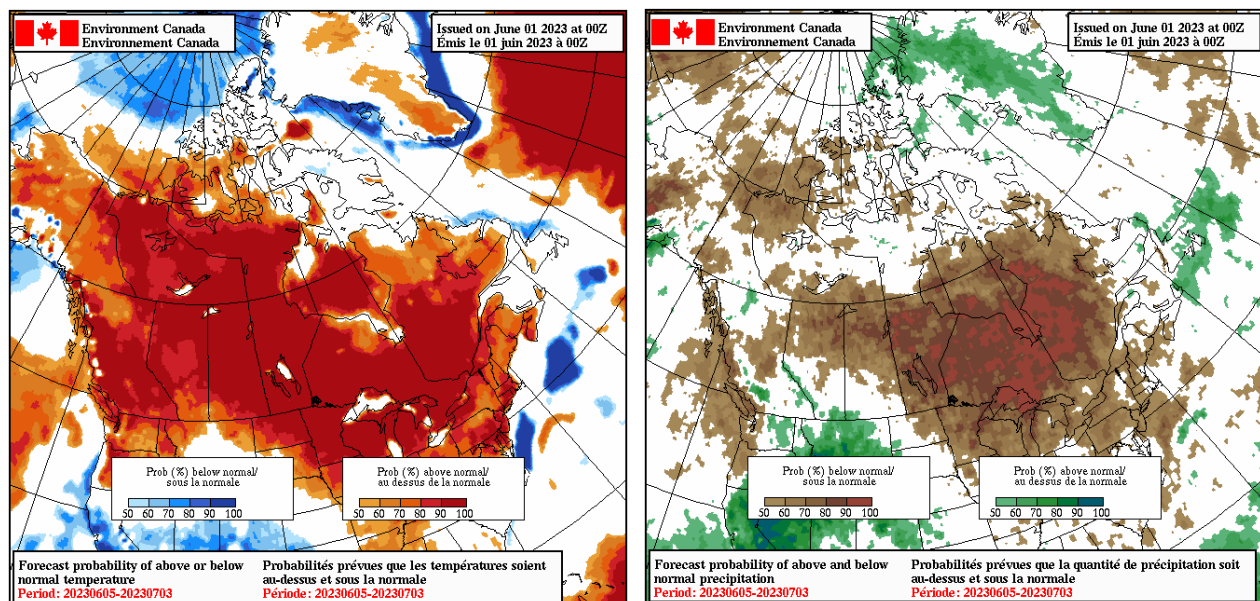


Figure 7: Temperature and Precipitation Anomaly Forecasts from the MSC Global Ensemble Prediction System issued June 1, 2023 for June 5 to July 3, 2023.

Source: [http://collaboration.cmc.ec.gc.ca/cmc/ensemble/monthly/prev\\_mens\\_geps.html](http://collaboration.cmc.ec.gc.ca/cmc/ensemble/monthly/prev_mens_geps.html)

## Atlantic Hurricane Season Outlook

For the 2023 Atlantic Hurricane Season (June 1-November 30), NOAA is predicting a near-normal season (40% probability) for Tropical Storm formation in the Atlantic. On average about 35% of tropical storms in the Atlantic, enter the Canadian Response Zone. A rare subtropical storm formed in mid-January 2023 off the northeastern U.S. coast, but was short-lived and was not named. After seven consecutive seasons (2015-2021) with a named storm forming in May, this was the second season in a row without a named tropical storm forming prior to the official start of the hurricane season.

[NOAA predicts a near-normal 2023 Atlantic hurricane season | NOAA](#)

[What El Niño and a warming Atlantic Ocean could mean for the 2023 hurricane season | CBC News](#)

[America's National Hurricane Centre predicts near normal 2023 Atlantic hurricane season | CTV News](#)



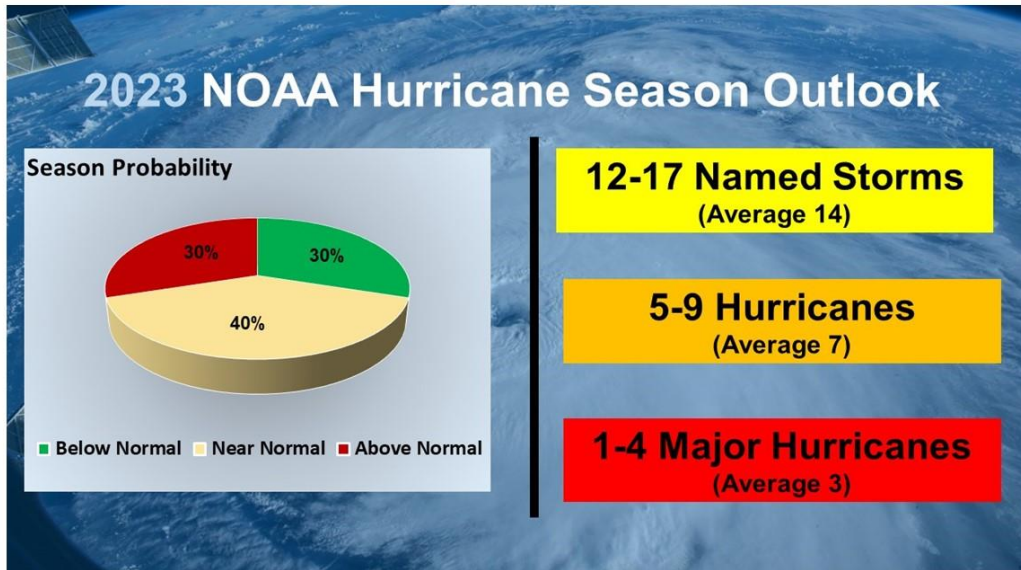


Figure 8: Summary infographic showing hurricane season probability and numbers of named storms predicted from NOAA's 2023 Atlantic Hurricane Season Outlook. Source: NOAA/Canadian Hurricane Center

## Contact

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Email address: [climatatlantique-climateatlantic@ec.gc.ca](mailto:climatatlantique-climateatlantic@ec.gc.ca)

## Appendix

**Table A1: Station metadata for the selected locations in Table 1.**

| Location/<br>Emplacement | Station Name/ Nom de la station              | Climate<br>ID/ ID<br>climat | Station<br>Operator/<br>Opérateur<br>de station <sup>1</sup> | Type <sup>2</sup> | Normals Station Name /Nom<br>de la station normals | Normals<br>Station<br>Climate<br>ID / ID<br>climat<br>station<br>normals |
|--------------------------|--|-----------------------------|--|-------------------|--|--|
| Bas Caraquet             | BAS CARAQUET (temps)                         | 8100467                     | ECCC-MSC   | A                 | BAS CARAQUET                                       | 8100468  |
|                          | BAS CARAQUET (precip)                        | 8100468                     | CCN  | H                 |  |  |
| Charlo                   | CHARLO AUTO                                  | 8100885                     | ECCC-MSC   | A                 | CHARLO A   | 8100880  |
| Fredericton              | FREDERICTON CDA CS                           | 8101605                     | ECCC-MSC   | A                 | FREDERICTON CDA                                    | 8101600  |
| Moncton                  | MONCTON/GREATER MONCTON ROMEO LEBLANC INTL A | 8103201                     | NavCan   | H                 | MONCTON A  | 8103200  |
| Saint John               | SAINT JOHN A                                 | 8104901                     | NavCan   | H                 | SAINT JOHN A                                       | 8104900  |
| Woodstock                | WOODSTOCK NEWBRIDGE                          | 8105603                     | ECCC-MSC   | A                 | WOODSTOCK  | 8105600  |
| Amherst (Nappan)         | NAPPAN AUTO                                  | 8203702                     | ECCC-MSC   | A                 | NAPPAN CDA   | 8203700  |
| Greenwood                | GREENWOOD A                                  | 8202000                     | DND  | H                 | GREENWOOD A  | 8202000  |
| Halifax (Airport)        | HALIFAX STANFIELD INT'L A                    | 8202251                     | NavCan   | H                 | HALIFAX STANFIELD INT'L A                          | 8202250  |
| Halifax (Shearwater)     | SHEARWATER RCS                               | 8205092                     | ECCC-MSC   | A                 | SHEARWATER A                                       | 8205090  |
| Sydney                   | SYDNEY A                                     | 8205701                     | NavCan   | H                 | SYDNEY A   | 8205700  |
| Truro (Debert)           | DEBERT                                       | 8201390                     | ECCC-MSC   | A                 | DEBERT   | 8201380  |
| Yarmouth                 | YARMOUTH A                                   | 8206495                     | NavCan   | H                 | YARMOUTH A   | 8206500  |
| Charlottetown            | CHARLOTTETOWN A                              | 8300301                     | NavCan   | H                 | CHARLOTTETOWN A                                    | 8300300  |
| Summerside               | SUMMERSIDE                                   | 8300596                     | ECCC-MSC   | A                 | SUMMERSIDE A                                       | 8300700  |

<sup>1</sup> Station Operator: CCN = Cooperative Climate Network, ECCC-MSC = Environment and Climate Change Canada, Meteorological Service of Canada, DND = Department of National Defence, NavCan = Nav Canada

<sup>2</sup> Type: A = Automatic observation, H = Human observation

**Table A2: Monthly totals for May 2023 for New Brunswick stations compared to 1981-2010 Canadian Climate Normals (if available for same or nearby station). Temperature difference from normal: cells shaded pink if  $\geq 1$  °C, blue if  $\leq -1$  °C. Precipitation as a percent of normal: cells shaded green if  $\geq 125\%$  of normal, yellow if  $\leq 75\%$  of normal.**

| Station Name / Nom de la station             | Prov | TC ID / ID de TC | Station Type / Type de station | Mean Temperature / Température moyenne (°C) |                               |  | Total Precipitation / Précipitations totales (mm) |                             |   |
|--|------|------------------|--------------------------------|---|-------------------------------|--|---|-----------------------------|---|
|  |      |                  |                                | Monthly Mean / Moyenne mensuelle            | Normal Mean / Moyenne Normale | Diff from Normal / Écart avec la normale | Monthly Total / Total mensuel                     | Normal Total / Total normal | Total as % of Normal / Total en % de la normale |
| BAS CARAQUET                                 | NB   | WXS              | AU8                            | 9.1   | 8.8                           | 0.3                                      |   |                             |   |
| BAS CARAQUET                                 | NB   |                  | DAILY                          |   |                               |  | 106.2   | 85.6                        | 124   |
| BATHURST A                                   | NB   | ZBF              | NCA                            | 9.6   | 9.7                           | -0.1                                     | 100.9   | 103.1                       | 98  |
| CHARLO AUTO                                  | NB   | ZCR              | AU8                            | 9.5   | 9.0                           | 0.5                                      | 82.8  | 84.8                        | 98  |
| DOAKTOWN AUTO RCS                            | NB   | ADN              | AU8                            | 9.7   | 10.6                          | -0.9                                     | 80.4  | 113.2                       | 71  |
| EDMUNDSTON                                   | NB   | ERM              | AU8                            | 9.1   |                               |  | 51.5  | 90.4                        | 57  |
| FREDERICTON CDA CS                           | NB   | AFC              | AU8                            | 10.8  | 11.3                          | -0.5                                     | 86.5  | 103.8                       | 83  |
| FREDERICTON INTL A                           | NB   | YFC              | NCA                            | 10.7  | 11.1                          | -0.4                                     | 65.8  | 96.2                        | 68  |
| FUNDY PARK (ALMA) CS                         | NB   | AFY              | AU8                            | 9.4   | 9.5                           | 0.0                                      | 56.8  | 126.5                       | 45  |
| GARNETT SETTLEMENT                           | NB   | AJH              | AU8                            | 8.9   | 9.5                           | -0.6                                     | 88.8  | 109.8                       | 81  |
| GRAND MANAN SAR CS                           | NB   | XGM              | AU8                            | 9.1   |                               |  |   |                             |   |
| KOUCHIBOUGUAC                                | NB   | AKC              | AU8                            | 9.2   | 9.8                           | -0.6                                     | 71.4  | 112.2                       | 64  |
| MECHANIC SETTLEMENT                          | NB   | AMS              | AU8                            | 8.8   |                               |  | 121.3   |                             |   |
| MIRAMICHI RCS                                | NB   | ACQ              | AU8                            | 10.1  | 10.0                          | 0.1                                      | 70.3  | 99.5                        | 71  |
| MISCOU ISLAND (AUT)                          | NB   | WMI              | AU8                            | 8.5   |                               |  | 79.0  |                             |   |
| MONCTON/GREATER MONCTON ROMEO LEBLANC INTL A | NB   | YQM              | NCH                            | 9.7   | 10.0                          | -0.3                                     | 42.9  | 96.9                        | 44  |
| OAK POINT                                    | NB   |                  | DAILY                          | 11.1  |                               |  | 72.2  | 105.8                       | 68  |
| POINT LEPREAU CS                             | NB   | WPE              | AU8                            | 9.2   |                               |  | 52.9  | 130.2                       | 41  |
| RED PINES                                    | NB   | ARP              | AU8                            | 8.8   | 9.8                           | -1.0                                     | 94.9  | 96.0                        | 99  |
| SAINT JOHN A                                 | NB   | YSJ              | NCH                            | 9.0   | 9.5                           | -0.5                                     | 93.4  | 109.8                       | 85  |
| ST. STEPHEN                                  | NB   | WSS              | AU8                            | 10.4  |                               |  | 67.8  |                             |   |
| SUSSEX FOUR CORNERS                          | NB   | ASF              | AU8                            | 10.4  | 11.1                          | -0.6                                     | 57.3  | 103.0                       | 56  |
| WOODSTOCK NEWBRIDGE                          | NB   | EWD              | AU8                            | 10.4  | 10.9                          | -0.5                                     | 83.2  | 94.2                        | 88  |
| <b>Average</b>                               |      |                  |                                | <b>9.6</b>                                  | <b>10.0</b>                   | <b>-0.3</b>                              | <b>77.4</b>                                       | <b>103.4</b>                | <b>74</b>                                       |
| <b>Max</b>                                   |      |                  |                                | <b>11.1</b>                                 | <b>11.3</b>                   | <b>0.5</b>                               | <b>121.3</b>                                      | <b>130.2</b>                | <b>124</b>                                      |
| <b>Min</b>                                   |      |                  |                                | <b>8.5</b>                                  | <b>8.8</b>                    | <b>-1.0</b>                              | <b>42.9</b>                                       | <b>84.8</b>                 | <b>41</b>                                       |

**Table A3: Same as Table A2, for Nova Scotia**

| Station Name / Nom de la station     | Prov | TC ID / ID de TC | Station Type / Type de station | Mean Temperature / Température moyenne (°C) |                               |  | Total Precipitation / Précipitations totales (mm) |                             |   |
|--------------------------------------|------|------------------|--------------------------------|---|-------------------------------|--|---|-----------------------------|---|
|                                      |      |                  |                                | Monthly Mean / Moyenne mensuelle            | Normal Mean / Moyenne Normale | Diff from Normal / Écart avec la normale | Monthly Total / Total mensuel                     | Normal Total / Total normal | Total as % of Normal / Total en % de la normale |
| ALDERSVILLE                          | NS   | ANR              | AU8                            | 9.4   | 10.8                          | -1.5                                     | 56.7  | 108.4                       | 52  |
| BACCARO PT                           | NS   | ACP              | AU8                            | 8.8   |                               |  | 23.7  | 107.3                       | 22  |
| BEAVER ISLAND (AUT)                  | NS   | WBV              | AU8                            | 6.5   |                               |  |   |                             |   |
| BEDFORD BASIN                        | NS   | ABB              | AU7                            | 9.8   | 10.1                          | -0.3                                     |   |                             |   |
| BEDFORD RANGE                        | NS   | ABR              | AU7                            | 9.1   | 9.9                           | -0.7                                     |   |                             |   |
| BRIER ISLAND                         | NS   | WVU              | AU8                            | 9.6   |                               |  | 31.1  |                             |   |
| CARIBOU POINT (AUT)                  | NS   | WBK              | AU8                            | 8.7   | 10.2                          | -1.5                                     | 49.3  | 83.9                        | 59  |
| CHETICAMP (C.B. HIGHLANDS NATL PARK) | NS   | AHT              | AU8                            | 7.4   | 9.4                           | -2.0                                     | 104.6   | 85.3                        | 123   |
| COLLEGEVILLE AUTO                    | NS   | AGL              | AU8                            | 7.3   | 9.3                           | -2.0                                     | 81.8  | 103.5                       | 79  |
| DEBERT                               | NS   | ZDB              | AU8                            | 8.4   | 10.2                          | -1.8                                     | 42.5  | 106.8                       | 40  |
| ESKASONI FIRST NATION                | NS   | AEI              | AU8                            | 8.1   | 9.0                           | -0.9                                     | 66.3  | 104.0                       | 64  |
| GRAND ETANG                          | NS   | WZQ              | AU8                            | 7.6   | 9.4                           | -1.8                                     |   |                             |   |
| GREENWOOD A                          | NS   | YZX              | WOD                            | 10.2  | 11.2                          | -1.0                                     | 29.4  | 84.8                        | 35  |
| HALIFAX KOOTENAY                     | NS   | AHK              | AU7                            | 9.4   | 9.2                           | 0.2                                      | 97.6  | 120.6                       | 81  |
| HALIFAX STANFIELD INT'L A            | NS   | YHZ              | NCH                            | 9.3   | 10.0                          | -0.7                                     | 63.5  | 111.9                       | 57  |
| HALIFAX WINDSOR PARK                 | NS   | AHW              | AU7                            | 9.9   | 10.1                          | -0.2                                     | 114.8   | 119.1                       | 96  |
| HART ISLAND (AUT)                    | NS   | WRN              | AU8                            | 7.3   |                               |  |   |                             |   |
| INGONISH BEACH RCS                   | NS   | XIB              | AU7                            | 7.9   | 8.1                           | -0.2                                     | 70.6  | 108.9                       | 65  |
| KEJIMKUJIK 1                         | NS   | WKG              | AU8                            | 10.3  | 10.7                          | -0.4                                     | 56.6  | 99.3                        | 57  |
| KENTVILLE CDA CS                     | NS   | XKT              | AU7                            | 10.1  | 11.0                          | -0.9                                     | 31.2  | 102.1                       | 31  |
| LOUISBOURG                           | NS   | AUU              | AU8                            | 6.4   | 6.9                           | -0.5                                     | 85.2  | 127.6                       | 67  |
| LUNENBURG                            | NS   | XLB              | AU8                            | 9.6   |                               |  |   |                             |   |
| MALAY FALLS                          | NS   | XMY              | AU8                            | 7.9   | 8.4                           | -0.4                                     | 124.2   | 134.8                       | 92  |
| MCNABS ISLAND (AUT)                  | NS   | XMI              | AU8                            | 9.2   |                               |  |   |                             |   |
| NAPPAN AUTO                          | NS   | XNP              | AU8                            | 9.1   | 10.2                          | -1.0                                     | 35.7  | 100.7                       | 35  |
| NORTH MOUNTAIN CS                    | NS   | XNM              | AU7                            | 5.1   | 8.6                           | -3.5                                     | 169.5   |                             |   |
| NORTHEAST MARGAREE (AUT)             | NS   | WNS              | AU7                            | 7.0   | 9.2                           | -2.2                                     | 98.3  | 76.6                        | 128   |
| OSBORNE HEAD DND                     | NS   | AOS              | AU7                            | 8.4   | 9.2                           | -0.9                                     | 108.6   | 120.6                       | 90  |
| PARRSBORO                            | NS   | APR              | AU8                            | 8.3   | 9.7                           | -1.4                                     | 50.6  | 105.2                       | 48  |
| SABLE ISLAND                         | NS   | ASB              | AU8                            | 7.2   | 7.5                           | -0.3                                     | 50.8  | 101.3                       | 50  |
| SABLE ISLAND A                       | NS   | WSA              | NCA                            | 7.1   | 7.5                           | -0.4                                     | 55.5  | 101.3                       | 55  |
| SHEARWATER JETTY                     | NS   | WZU              | AU7                            | 9.1   | 9.2                           | -0.2                                     |   |                             |   |
| SHEARWATER RCS                       | NS   | AAW              | AU8                            | 9.7   | 9.2                           | 0.5                                      | 84.8  | 120.6                       | 70  |
| SHELBURNE SANDY POINT                | NS   | ESB              | AU8                            | 9.6   |                               |  | 52.9  |                             |   |
| ST PAUL ISLAND (AUT)                 | NS   | WEF              | AU8                            | 6.0   |                               |  |   |                             |   |
| SYDNEY A                             | NS   | YQY              | NCH                            | 7.1   | 7.9                           | -0.8                                     | 88.6  | 103.2                       | 86  |
| SYDNEY CS                            | NS   | AQY              | AU8                            | 7.3   | 7.9                           | -0.7                                     | 72.7  | 103.2                       | 70  |
| TRACADIE                             | NS   | XTD              | AU8                            | 7.7   | 9.3                           | -1.6                                     | 98.2  | 103.5                       | 95  |
| UPPER STEWIACKE RCS                  | NS   | AOH              | AU8                            | 8.4   | 9.9                           | -1.5                                     | 49.7  | 98.9                        | 50  |
| WESTERN HEAD                         | NS   | WWE              | AU8                            | 9.4   |                               |  | 43.3  |                             |   |
| YARMOUTH A                           | NS   | YQI              | NCH                            | 9.9   | 9.7                           | 0.2                                      | 37.8  | 100.9                       | 37  |
| YARMOUTH RCS                         | NS   | EQI              | AU8                            | 9.8   | 9.7                           | 0.1                                      | 36.7  | 100.9                       | 36  |
| <b>Average</b>                       |      |                  |                                | <b>8.4</b>                                  | <b>9.4</b>                    | <b>-0.9</b>                              | <b>68.6</b>                                       | <b>105.0</b>                | <b>65</b>                                       |
| <b>Max</b>                           |      |                  |                                | <b>10.3</b>                                 | <b>11.2</b>                   | <b>0.5</b>                               | <b>169.5</b>                                      | <b>134.8</b>                | <b>128</b>                                      |
| <b>Min</b>                           |      |                  |                                | <b>5.1</b>                                  | <b>6.9</b>                    | <b>-3.5</b>                              | <b>23.7</b>                                       | <b>76.6</b>                 | <b>22</b>                                       |

**Table A4: Same as Table A2, for Prince Edward Island.**

| Station Name / Nom de la station | Prov | TC ID / ID de TC | Station Type / Type de station | Mean Temperature / Température moyenne (°C) |                               |  | Total Precipitation / Précipitations totales (mm) |                             |   |
|----------------------------------|------|------------------|--------------------------------|---|-------------------------------|--|---|-----------------------------|---|
|                                  |      |                  |                                | Monthly Mean / Moyenne mensuelle            | Normal Mean / Moyenne Normale | Diff from Normal / Écart avec la normale | Monthly Total / Total mensuel                     | Normal Total / Total normal | Total as % of Normal / Total en % de la normale |
| CHARLOTTETOWN A                  | PEI  | YYG              | NCH                            | 8.5   | 9.2                           | -0.7                                     | 46.9  | 91.0                        | 52  |
| EAST POINT (AUT)                 | PEI  | WEP              | AU8                            | 7.5   | 8.3                           | -0.8                                     | 66.7  | 93.1                        | 72  |
| HARRINGTON CDA CS                | PEI  | AHR              | AU8                            | 8.4   | 9.2                           | -0.8                                     | 46.1  | 91.0                        | 51  |
| MAPLE PLAINS                     | PEI  | XMP              | AU8                            | 8.4   | 9.2                           | -0.8                                     |   |                             |   |
| NORTH CAPE                       | PEI  | WNE              | AU8                            | 8.3   |                               |  | 56.7  |                             |   |
| ST. PETERS                       | PEI  | ZSP              | AU8                            | 8.3   | 8.6                           | -0.3                                     | 54.1  | 90.1                        | 60  |
| STANHOPE                         | PEI  | ANH              | AU8                            | 9.0   |                               |  | 40.7  |                             |   |
| SUMMERSIDE                       | PEI  | WSD              | AU8                            | 9.2   | 9.5                           | -0.3                                     | 33.0  | 97.7                        | 34  |
| <b>Average</b>                   |      |                  |                                | <b>8.5</b>                                  | <b>9.0</b>                    | <b>-0.6</b>                              | <b>49.2</b>                                       | <b>92.6</b>                 | <b>54</b>                                       |
| <b>Max</b>                       |      |                  |                                | <b>9.2</b>                                  | <b>9.5</b>                    | <b>-0.3</b>                              | <b>66.7</b>                                       | <b>97.7</b>                 | <b>72</b>                                       |
| <b>Min</b>                       |      |                  |                                | <b>7.5</b>                                  | <b>8.3</b>                    | <b>-0.8</b>                              | <b>33.0</b>                                       | <b>90.1</b>                 | <b>34</b>                                       |

## Glossary

*CaPA*: The Canadian Precipitation Analysis. Full details available [here](#).

*Standard Deviation*: A statistical measure of how data compares to the mean (average) value. The standard deviation referenced in these monthly summaries is relative to the Canadian Climate Normals data set. The higher the standard deviation value, the further the data is from the normal value.

*Temperature Anomaly*: The deviation of temperature in a given region over a specified period from the long-term average value for the same region.

A more extensive glossary for weather and climate related terminology can be found [here](#).

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**END**

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