

MARITIME CANADA CLIMATE SUMMARY

April 2023

Driest April on Record at Halifax, Sydney and Moncton Airports

Precipitation in April was much below normal across the region. In addition to the Halifax, Sydney and Moncton airport records, at several other stations the month was in their top 5 driest. Cape Breton, PEI and SE NB received less than 25% of normal precipitation. Parts of NB saw an early start to grass fire season. Snowfall totals were much below normal with most of mainland NS, PEI and SW NB recording almost no snowfall. Temperatures for April followed a similar pattern to March with near to slightly above normal values. Western NS, western PEI and southern NB recorded means of 1 to 2 C above normal with several daily records set. The general weather pattern was rather benign with only one significant storm event early in the month. Following the winter pattern of well-below normal ice coverage, very little to no ice remained in the Gulf at the end of the month. Positive anomalies of up 5 C continued in the eastern Bay of Fundy, the Northumberland Strait and NS coastal waters.

The Warmest (°C)

New Brunswick	
St Stephen /Sussex	22.2
Nova Scotia	
Baccaro Point	24.6
Prince Edward Island	
Stanhope	17.8

The Coldest (°C)

New Brunswick	
Edmundston	-16.2
Nova Scotia	
Collegeville	-10.2
Prince Edward Island	
Maple Plains	-8.9

The Wettest (Total mm)

New Brunswick	
Oak Point	49.1
Nova Scotia	
Shelburne	64.8
Prince Edward Island	
Charlottetown A	28.9

The Capital Stats

Station Name	Mean Temperature (°C)			Extremes	
	Monthly Mean	Normal Mean	Diff from Normal	Max (Date)	Min (Date)
Charlottetown	4.0	3.1	0.9	17.3 (11)	-6 .5(3)
Halifax	5.6	4.4	1.2	18.0(11)	-5.2(9)
Fredericton	5.7	4.8	0.9	20.0(13)	-8.5 (3)

Station Name	Total Precipitation			Snowfall	
	Monthly Total (mm)	Normal Total (mm)	Percent Normal	Total (cm)	SOG End of Month
Charlottetown	28.9	83.7	39	12.8	1.0
Halifax	29.7	114.5	26	0.0	0.0
Fredericton	46.1	89.6	56	2.6	0.0

Daily Temperature Records

A mild period in the middle of the month saw 54 new daily high temperature records set in the three provinces. The warmest was the SW tip of NS where the temperature hit 24.6 C at Baccaro Point and 23.2 C in Shelburne on 14th. Of the 18 record highs set in NB, 8 were set on 11th. NS set 33 record highs between the 7th and 14th. PEI had just 3 - all set on the 11th, the highest 16.2 C at St Peters. Just one record low was set in the region at Maple Plains PEI, -8.7 C on 9th.

Significant Weather Events (information provided by Climate Services, ECCC)

Apr 5-6 A complex low-pressure system brought a messy mix of precipitation to mostly southern regions of the Maritimes along with a prolonged period of freezing rain. The Saint John area reported up to 12 hours of freezing rain and there were reports of up to 1 cm of ice accretion on surfaces in the Millville, NB area.

[Freezing rain forces some Nova Scotia schools to close, others delay opening | CBC News](#) [Some schools closed after freezing rain falls over much of N.B. | CBC News](#)
[Weather delays opening of P.E.I. schools | CBC News](#)

As already mentioned, the above event was the only significant storm system to affect the region during the month other climate related information mentioned in the media included (again provided by Climate Service ECCC) -

[What the decline of mountain snow cover means for Canada | CBC News](#)
[N.S., N.B. urged to apply for federal cash to protect land link from rising seas | CBC News](#) [Aboiteau Beach searching for climate-responsive plan for destroyed boardwalks | CBC News](#) [Coastal adaptation toolkit offers help with 'what's next' after Fiona | CBC News](#)
[2022 was one of the warmest on record for the Maritimes and the planet, says global report | CBC News](#)
[N.B. maple production on the rocks after low yields this year | CBC News](#)

Compiled by Peter J. Lewis with data and information provided by Client Service Operations Atlantic, Meteorological Service of Canada
Environment and Climate Change Canada / Government of Canada

Other CMOS News

CONGRESS 2023: CMOS is pleased to announce that we have reached out capacity for in person attendance for the congress. You can still register as a virtual delegate and have access to all the scientific sessions, poster sessions, public talk and plenary events. [Registration for virtual attendance](#) will be open until June 1st.

Upcoming Event: **What:** Congress 2023 Public Panel Discussion --
Weathering The Storm: Navigating Extreme Weather in Newfoundland and Labrador
When: Sunday, May 28, 1:30PM AST
Where: In-person at the Sheraton Hotel Newfoundland and **Virtually**. Click [here to register](#).
Details: This is a must-attend public education panel for all residents concerned about weather-related emergencies. Hosted by popular local meteorologists **Ashley Brauweiler** and **Eddie Sheerr**, this event brings together a group of distinguished experts to discuss the impact of extreme weather events in Newfoundland and how to prepare for them.