

# MARITIME CANADA CLIMATE SUMMARY

## May 2021

### May Brings an End to Run of Above Normal Monthly Temperatures for 2021

May broke the trend of above normal monthly temperatures for 2021 with daily means near or slightly below average. NE Nova Scotia was relatively the “coolest” with means running 1-2°C below normal. Both high and low daily record temperatures were set. Weatherwise it was a relatively active month with some heavy rain events together with hail and thunderstorms. Rainfall for most of the Maritimes was near or slightly below average except for northern NS and central and southeastern NB where it was slightly above average. Of concern to farmers and foresters heading into the summer growing/forest fire season, areas of abnormal dryness appeared to be emerging in extreme northwestern NB and western-central NS. For the approaching tourist season(Covid permitting) sea temperatures around the coasts of all 3 provinces were as much as 5°C above normal at the end of the month.

#### The Warmest (°C)

New Brunswick	
Fredericton A.	31.8
Nova Scotia	
Greenwood A.	29.4
Prince Edward Island	
St Peters	27.1

#### The Coldest (°C)

New Brunswick	
Edmundston	-5.5
Nova Scotia	
Collegetown	-4.6
Prince Edward Island	
Maple Plains .	2.8

#### The Wettest (Total mm)

New Brunswick	
Moncton A	113.5 mm
Nova Scotia	
Nappan	131.1mm
Prince Edward Island	
New Glasgow	110.2 mm

### The Capital Stats

Station Name	Mean Temperature (°C)			Extremes	
	Monthly Mean	Normal Mean	Diff from Normal	Max (Date)	Min (Date)
Charlottetown Airport	8.5	9.2	-0.7	25.9 (26)	-1.2 (11)
Halifax Stanfield Airport.	10.0	10.0	0.0	24.3. (26)	0.5 (7)
Fredericton	11.2	11.3	-0.1	31.8 (26)	-1.7 (4)

Station Name	Total Precipitation			Snowfall	
	Monthly Total	Normal Total	Percent Normal	Total (cm)	Max SOG (Date)
Charlottetown Airport	107.3	91.0	118	NA	NA
Halifax Stanfield Airport	111.7	111.9	100	NA	NA
Fredericton	70.2	103.8	68	NA	NA

### Daily Temperature Records

May 26<sup>th</sup> was a day of record-breaking warmth across the Maritimes with 12 new Daily Record Highs set in NS, 10 in NB and 1 in PEI. In NB all of the new daily records were above 30 C with St Stephen at 31.2 the highest. NS did not break the 30 C barrier but 6 new records were above 29 C with 29.8 C at Ingonish Beach the highest. St Peter's, PEI set a record of 27.1. However, this warm day was quickly followed by a cool spell – with 15 record lows set across the region from 28-30<sup>th</sup>. Edmundston set record lows below 0 C each night with -4.1 on 28<sup>th</sup> the coolest.

## Other Significant Events (information provided by Climate Services, ECCC)

**Apr 30-May 2:** A vigorous low-pressure system passed eastward across NS. Strong winds and heavy rain affected most of the region with the highest rainfall amounts in the 25 to 55 mm range. The highest gusts reached 70 to 85 km/h mostly across NS and PEI with Les Suetes winds reaching 141 km/h at Grand Etang . The storm delayed the start of the lobster-fishing season in PEI.

[P.E.I.'s spring lobster season set to open Tuesday morning | CBC News](#)

**May 8-9:** A large low-pressure system moved northward across eastern NS bringing rain, snow and strong winds to the region. The heaviest rainfall and strongest winds affected southeast NB, NS and parts of PEI with rainfall amounts in the 25 to 60 mm range along with a few cm of wet snow in some areas. The highest winds reached the 70 to 85 km/h range with Les Suetes winds up to 127 km/h at Grand Etang.

**May 17-18:** Some severe thunderstorms developed in NS with some large hail. A nursery in Pictou County reported damage from the hail on the 17<sup>th</sup>.

[Severe spring hail storm damages Pictou County greenhouse | CBC News](#)  
[Stunning storm pictures captured by Nova Scotians | CBC News](#)

**May 26-30** As noted in the Daily Records Section - A warm southwesterly flow developed across the region resulting in unseasonably warm temperatures for late May. Maximum temperatures reached the 26 to 31C range on the 26<sup>th</sup>. Many locations across all 3 provinces reported new temperature records for the date. A cold front crossed the region the following day bringing in much cooler air with overnight lows dipping below the freezing across NB and PEI and single digit maximum temperatures in several localities.

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 2021:** Congrats to the Vancouver Island Centre for hosting a very successful congress. The 55<sup>th</sup> Annual CMOS Congress took place online from May 31<sup>st</sup> to June 11<sup>th</sup>. All of the sessions and plenary talks were recorded and are available to everyone (including non-registrants). For access to the content, go to [www.eventmobi.com/cmos-scmo/](http://www.eventmobi.com/cmos-scmo/), enter your email address and a personal password, and when prompted, use the Passcode "CMOS-SCMO-2021".

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