Monthly Climate Summaries

# Overview

A cross-country summary of the averages and extremes for the month, including precipitation totals, max-min temperatures, and degree days. This data is available from stations that produce daily data.

Table 1: Main Characteristics

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Variables | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  | | --- | | Mean Temperature (°C) | | Days with Valid Mean Temperature | | Highest Monthly Maximum Temperature (°C) | | Days with Valid Maximum Temperature | | Lowest Monthly Minimum Temperature (°C) | | Days with Valid Minimum Temperature | | Total Snowfall (cm) | | Normal Snowfall | | Total Precipitation (mm) | | Snow on the ground last day (cm) | | Number of days with Precipitation 1.0 mm or more | | Days with Valid Bright Sunshine | | Cooling Degree Days | | Heating Degree Days | | |
| Spatial resolution and geographical coverage | Point locations across Canada |
| Time period | 1840 – present |
| Temporal resolution | Monthly |

# User Limitation

Limited use software and data product license agreement (<http://climate.weather.gc.ca/prods_servs/attachment1_e.html>)

# 3. Methods

MANOBS Manual of Surface Weather Observations:

<https://www.canada.ca/en/environment-climate-change/services/weather-manuals-documentation/manobs-surface-observations/table-contents.html>

# 4. Contact Information

Climate Services Support Desk

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833-517-0376

# 5. References

Technical Documentation - Digital Archive of Canadian Climatological Data:

<ftp://client_climate@ftp.tor.ec.gc.ca/Pub/Documentation_Technical/>