



Atlas of Canada 6th Edition  
(archival version)

January Mean Daily Minimum Temperature

The map shows the mean daily minimum temperatures for January. January marks the depths of winter across Canada and, with the exception of the coastal parts of southern Vancouver Island, below freezing minimum temperatures are the norm. The deep freeze is particularly evident near Baker Lake in Nunavut and throughout much of the Arctic Archipelago, where normal January minimum temperatures average in the low -30s and even -40°C. The low sun angle means that much of the rest of Canada experiences minimum temperatures below -15°C.



Lambert Conformal Conic Projection, Standard Parallels 49°N and 77°N

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| <b>January Mean Daily Minimum Temperatures (°C)</b> <ul style="list-style-type: none"><li>-40° and lower</li><li>-39° to -35°</li><li>-34° to -30°</li><li>-29° to -25°</li><li>-24° to -20°</li><li>-19° to -15°</li><li>-14° to -10°</li><li>-9° to -5°</li><li>-4° to 0°</li><li>1° to 5°</li></ul> | <b>Populated Places</b> <ul style="list-style-type: none"><li>1 - 4 999</li><li>5 000 - 49 999</li><li>50 000 - 99 999</li><li>100 000 and greater</li><li>Provincial and territorial capital</li><li>National capital</li></ul> | <b>Boundaries</b> <ul style="list-style-type: none"><li>International</li><li>Provincial / Territorial</li><li>EEZ (200 miles)</li><li>Canada / Kalaallit Nunaat dividing line</li></ul> |
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**Source(s):**  
**January Mean Daily Minimum Temperatures (°C)**  
The mean daily temperatures for the winter season are represented by the month of January, middle of the winter season and are intended to represent average conditions only, as the weather in any given year during winter would or could vary. The 1971 to 2000 temperature climate normals were calculated by Environment Canada and the monthly minimum average was computed from the daily minimum temperature observations. Spatial models have been developed using the thin plate smoothing spline algorithms of ANUSPLIN by the Canadian Forest Service in partnership with several staff in Environment Canada's Meteorological Service of Canada and the Australian National University (the creator of ANUSPLIN).

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