



Atlas of Canada 6th Edition
(archival version)

October Mean Total Precipitation

The map shows the mean total precipitation in the month of October. October marks the transition from mainly rain to snowfall across northern Canada. Snowfall also occurs across much of the interior of southern Canada but in relatively small amounts that usually melt. October also marks the transition to the rainy season on the southern portion of British Columbia's west coast.

0 150 300 450 600 km

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

October Mean Total Precipitation (mm)	Populated Places	Boundaries
20 mm and less	1 - 4 999	International
21 to 40 mm	5 000 - 49 999	Provincial / Territorial
41 to 60 mm	50 000 - 99 999	EEZ (200 mile)
61 to 80 mm	100 000 and greater	Canada / Kaiaallit Nunaat dividing line
81 to 120 mm	Provincial and territorial capital	
121 to 160 mm	National capital	
161 to 200 mm		
201 to 400 mm		
Greater than 400 mm		

Source(s):
October Mean Total Precipitation (mm)
The mean total precipitation for the fall season is represented by the month of October, middle of the fall season. The 1971 to 2000 precipitation climate normals were calculated by Environment Canada in a manner consistent with the methodology of the World Meteorological Organization. The normal is a simple arithmetic average of the monthly or annual precipitation for the specified period. These spatial models have been developed using the thin plate smoothing spline algorithms of ANUSPLIN, which is a mathematically sophisticated approach to generating climate maps at varying spatial and temporal scales. The Canadian Forest Service has been working in partnership with several staff in Environment Canada's Meteorological Service of Canada, the Australian National University (the creator of ANUSPLIN) and others to develop a variety of climate models that cover both Canada and North America.

© 2009, Her Majesty the Queen in Right of Canada, Natural Resources Canada.

This product was originally published as an interactive map in the online Atlas of Canada, 6th Edition. It was not intended for high resolution reproduction and therefore does not conform to the standards of cartographic representation and map design found on the Atlas of Canada's paper reference maps.