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## Atlas of Canada 6th Edition
## (archival version)

# Annual Mean Total Precipitation

The map shows the annual mean total precipitation. Over much of the continental interior of Canada, precipitation reaches its annual maximum in the summer months and falls as rain. October marks the transition from mainly rain to snowfall across northern Canada.

0 150 300 450 600 km

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

**Annual Mean Total Precipitation (mm)**
- 100 mm and less
- 101 to 200 mm
- 201 to 400 mm
- 401 to 600 mm
- 601 to 800 mm
- 801 to 1200 mm
- 1201 to 1600 mm
- 1601 to 2000 mm
- 2001 to 3000 mm
- 3001 to 4000 mm
- Greater than 4000 mm

**Populated Places**
- 1 - 4 999
- 5 000 - 49 999
- 50 000 - 99 999
- 100 000 and greater
- Provincial and territorial capital
- National capital

**Boundaries**
- International
- Provincial / Territorial
- EEZ (200 mile)
- Canada / Kalaallit Nunaat dividing line

**Source(s):**

**Annual Mean Total Precipitation (mm)**

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.

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