



Atlas of Canada 6th Edition  
(archival version)

Major Volcanoes

There are many geologically active volcanoes along the Canadian Cordillera in British Columbia and the Yukon. Recurrent earthquakes below our feet and gigantic mountain ranges rising majestically upward remind us that this part of Canada is geologically active. The possibility of an eruption, even a large explosive one, cannot be ruled out. The map shows the major volcanoes and areas with significant accumulation of volcanic ash to 1999.

0 150 300 450 600 km

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

**Major Volcanoes**

**Years Since Last Eruption**

- ▲ Less than 1 000 years
- ▲ 1 000 - 9 999 years
- ▲ 10 000 - 99 999 years
- ▲ 100 000 years or more

**Significant Accumulation of Volcanic Ash**

- St. Helens (1980 eruption)
- St. Helens (508 radiocarbon years ago)
- St. Helens (3400 radiocarbon years ago)
- White River (1 250 radiocarbon years ago)
- White River (1890 radiocarbon years ago)
- Bridge River (2360 radiocarbon years ago)
- Mazama (6800 radiocarbon years ago)
- Glacier Peak (11 200 radiocarbon years ago)

**Volcanic Belts**

- Volcanic Belts

**Relief (metres)**

- Sea level - 100 m
- 100 - 200 m
- 200 - 300 m
- 300 - 500 m
- 500 - 700 m
- 700 - 1 000 m
- 1 000 - 1 500 m
- 1 500 - 2 000 m
- 2 000 - 3 000 m
- 3 000 - 4 000 m
- 4 000 - 5 000 m
- Mount Logan, 5959 m

**Populated Places**

- 0 - 999
- 1 000 - 4 999
- 5 000 - 24 999
- 25 000 - 99 999
- 100 000 - 499 999
- 500 000 or greater

**Capital Cities**

- ★ National Capital: Ottawa (774 072)
- ★ Provincial/Territorial Capitals

**Roads**

- Expressway
- Highway
- Regional or Local Road
- Winter Road
- Ferry route

**Boundaries**

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

**Source(s):**  
**Major Volcanoes**  
Locations and significant eruption dates for selected volcanoes and volcanic complexes in Canada and the United States to 1999. Data from: Catalogue of Canadian volcanoes, Geological Survey of Canada, the Alaska Volcano Observatory and the Cascades Volcano Observatory of the United States Geological Survey.

**Significant Accumulation of Volcanic Ash**  
The distribution of volcanic ash (tephra) is from a selection of volcanic eruptions in Canada and the United States in the last 12 000 years. The areas represent tephra accumulations of at least 0.5 cm. The areas are extrapolated from known ash deposits. The eruptions dates are estimated using radiocarbon dating techniques and may be subject to refinement over time. Data from: Dr. Catherine Hickson, Geological Survey of Canada, the Alaska Volcano Observatory and the Cascades Volcano Observatory of the United States Geological Survey.