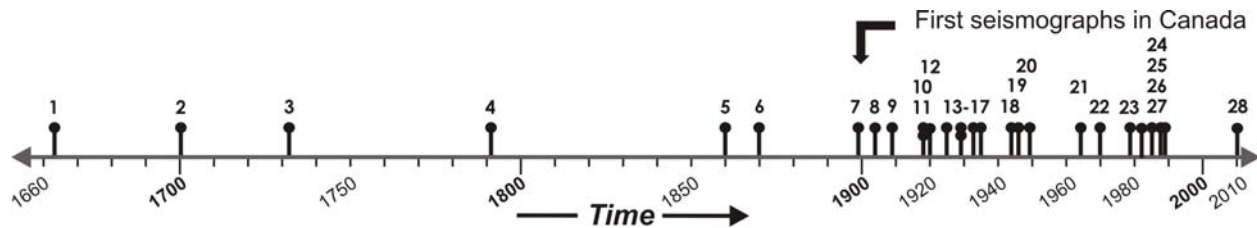


Timeline: Significant* Earthquakes Affecting Canada



#	Date**	Magnitude	Description
1	1663, Feb. 5	M 7.0	Charlevoix-Kamouraska region, QC. Damage to buildings in Quebec City, Trois-Rivières and Montreal. Large landslides in St. Lawrence, Batiscan and St-Maurice valleys.
2	1700, Jan. 26	M 9.0	Cascadia subduction zone, offshore of Vancouver Island, Washington and Oregon. Occured prior to European contact but widely recorded in native oral accounts and by geological evidence for both subsidence and a tsunami along the outer coast; confirmed by tsunami records in Japan. Oral accounts describe many tsunami deaths.
3	1732, Sept. 16	M 5.8	Near Montreal, QC. Widely felt. About 300 houses damaged in the city. No injuries.
4	1791, Dec. 6	M 6.0	Charlevoix-Kamouraska region, QC. Widely felt. Some damage at Baie-Saint-Paul and Les Éboulements.
5	1860, Oct. 17	M 6.0	Charlevoix-Kamouraska region, QC. Widely felt. Minor damage at Rivière-Ouelle, Baie-Saint-Paul and La Malbaie.
6	1870, Oct. 20	M 6.5	Charlevoix-Kamouraska region, QC. Widely felt. Minor damage at Baie-Saint-Paul, Les Éboulements and Quebec City.
7	1899, Sept. 10	M 8.0	Yukon-Alaska border. Three great earthquakes (M 7.4 to 8) in this region in the space of eight days. Felt in parts of northern British Columbia and southern Yukon.
8	1904, Mar.21	M 5.9	Passamaquoddy Bay, NB. Strong earthquake felt throughout the Maritimes, the St. Lawrence Lowlands and New England.
9	1909, May 15	M 5.3	Near the Saskatchewan border in Montana. The largest historical earthquake in the prairie region of Canada and US, felt from Alberta to Ontario.
10	1918, Feb. 4	M 6.0	Revelstoke, BC. Felt in BC interior.
11	1918, Dec.6	M 6.9	Vancouver Island, BC. Felt all over Vancouver Island, in Vancouver, as far east as Kelowna BC, and in northern Washington State. Some damage to Estevan Point lighthouse and a wharf in Ucluelet.
12	1920, Jan. 23	M 5.5	Gulf Islands, BC: Fallen plaster, broken china in Victoria. In Brentwood Bay, the concrete chimney and wall of an electric power station were cracked. In Vancouver a few bricks fell from the tops of chimneys.
13	1925, Feb. 28	M 6.2	Charlevoix-Kamouraska region, QC. Felt over most of eastern Canada and northeastern US. Considerable damage to unreinforced masonry (chimneys, walls) along the St. Lawrence River near the epicentre and some damage at Quebec City (port facilities), Trois-Rivières and Shawinigan. Six deaths due to heart attacks are ascribed to this earthquake.

14	1929 , May 26	M 7.0	Just south of Haida Gwaii, BC. Felt as far north as Ketchikan, Alaska, and to the east as far as Terrace, BC. On Haida Gwaii houses shook violently, people were thrown to the ground, dishes were broken and some clocks stopped.
15	1929 , Nov. 18	M 7.2	Atlantic Ocean, south of NL. Felt over a wide area of eastern North America. A massive landslide off the continental slope triggered an immense tsunami that killed 27 people on the Burin Peninsula, NL.
16	1933 , Nov. 20	M 7.3	Baffin Bay, Nunavut. One of the largest earthquakes ever recorded north of the Arctic Circle.
17	1935 , Nov. 1	M 6.1	Quebec-Ontario border. Felt over much of eastern Canada. Minor damage at Temiscaming, QC, and North Bay and Mattawa, ON. Three hundred kilometres away from the epicentre the earthquake triggered the failure of a railway embankment.
18	1944 , Sept. 5	M 5.6	Eastern Ontario-New York border. Felt over most of eastern Ontario, southern Quebec and New England. Damage at Cornwall, ON, and Messina, NY.
19	1946 , Jun. 23	M 7.3	Central Vancouver Island, BC. Felt as far away as Portland OR, and Prince Rupert, BC. Largest historical earthquake on land in Canada. Extensive damage along the east coast of Vancouver Island (VI) with many landslides triggered on VI and the adjacent mainland. An underwater landslide triggered a local tsunami at Deep Bay, one person drowned.
20	1949 , Aug. 21	M 8.1	Off Haida Gwaii, BC. Felt over a wide area of western North America. Canada's largest earthquake. Some damage on Haida Gwaii, cows knocked off their feet.
21	1964 , Mar. 27	M 9.2	Near Anchorage, Alaska. Widespread damage in Alaska. Felt strongly in western Yukon. Serious damage from tsunami at Port Alberni, BC.
22	1970 , Jun. 24	M 7.4	South of Haida Gwaii BC. Widely felt.
23	1979 , Feb. 28	M 7.5	Southern Yukon-Alaska border. Felt strongly in Canada. Minor property damage in the Yukon.
24	1982 , Jan. 9	M 5.8	First of two moderate earthquakes, Miramichi Highlands, NB. Because the epicentral area is unpopulated, damage was very slight: a few hairline cracks but no structural damage in buildings up to 100 km away. Followed by hundreds of aftershocks over several months.
25	1985 , Dec. 22	M 6.9	Nahanni region, NWT. Widely felt in NWT, AB and BC. A smaller event (M 6.6) in the same area on October 5, 1985 triggered a large rock avalanche.
26	1988 , Nov. 25	M 5.9	Saguenay region, QC. Felt in a 1,000-km radius from the epicentre. Damage at Jonquière, Chicoutimi, La Baie, Quebec City and as far away as Montreal.
27	1989 , Dec. 25	M 6.3	Ungava Peninsula, QC. First earthquake in eastern North America confirmed to have produced surface faulting. Weakly felt in some northern QC communities.
28	2010 , Jun. 23	M 5.0	Val-des-Bois, QC. Widely felt in a 700-km radius from the epicentre in western Quebec. Triggered two landslides. Some damage in the epicentral region and minor damage in Ottawa.

** Significant events are defined as magnitude greater than or equal to 6, or widely felt, or causing significant damage from shaking or tsunami waves, or it is scientifically interesting. ** Date is the local date.*