

Climatic Data for the City of Victoria

The following climatic data provides values used within the boundaries of the City of Victoria. The BC Building Code provides this climatic data in Division B, Appendix C and this data is updated from time to time and the values contained in the current BC Building Code take precedence over information contained below where there is a discrepancy,

Design Temperature				Degree Days Below 18°C
January		July 2.5%		
2.5% °C	1% °C	Dry °C	Wet °C	
-4	-6	24	17	2700

15 Min. Rain, mm	One Day Rain, 1/50, mm	Ann. Rain, mm	Moist. Index	Ann. Tot. Ppn, mm	Driving Rain Wind Pressure, Pa, 1/5
9	91	800	1.0	825	220

Snow Load kPa 1/50		Hourly Wind Pressures, kPa	
S _s	S _r	1/10	1/50
1.5	0.3	0.46	0.57

Seismic Data							
S _a (0.2)	S _a (0.5)	S _a (1.0)	S _a (2.0)	S _a (5.0)	S _a (10.0)	PGA	PGV
1.3	1.16	0.676	0.399	0.125	0.044	0.580	0.834

Alternatively, site specific climatic data from Environment Canada can be used. Email Environment Canada at climate.services@ec.gc.ca to obtain site specific climatic data. There is a user fee for providing site specific climatic data from Environment Canada.

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