

The City's climatic and seismic data is provided for architects and engineers to design a building and site.

DESIGN TEMPERATURE:

January 2.5% Temperature	-8C
January 1% Temperature	-10C
July 2.5% Drybulb Temperature	29C
July 2.5% Wetbulb Temperature	20C

PRECIPITATION:

One Day Rainfall	134mm
15 Minute Rainfall	10mm
Annual Rainfall	1800mm
Annual Precipitation	1950mm
Driving Rain Wind Pressure 1/5	160 Pa
Ground Snow Load, Snow Component	2.8 kPa
Ground Snow Load, Rain Component	0.2 kPa

HOURLY WIND PRESSURES

Probability 1/10	0.36kPa
Probability 1/50	0.47kPa

SEISMIC DATA:

Sa (0.2)	0.800
Sa (0.5)	0.704
Sa (1.0)	0.401
Sa (2.0)	0.244
Sa (5.0)	0.077
Sa (10.0)	0.027
PGA	0.347
PGV	0.522

Site specific 2015 National Building Code of Canada seismic hazard values can be determined by using National Resources Canada data available at http://www.earthquakescanada.nrcan.gc.ca/hazard-alea/interpolat/index_2015-en.php

Degree Days Below 18 degrees C	2860 Days
Moisture Index	1.76

Effective: December 10, 2018