

<b>Department:</b> Building	<b>Reference #</b> 2.46
<b>Policy title:</b> Climatic & Seismic Data Policy	
<b>Authority:</b> Legislative (Council) <input type="checkbox"/>	<b>Effective date:</b> December 15, 2006
Administrative <input checked="" type="checkbox"/>	<b>Date for review:</b> January 10, 2008
<b>Issued by:</b> T.R. Arthur	<b>Issue date:</b> December 15, 2006

**Policy statement:**

Climatic Data for the City of Port Coquitlam

Climatic data for the design of buildings in the City of Port Coquitlam shall be:

**Design Temperature:**

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

**Precipitation:**

One day Rainfall	134mm
15 Minute Rainfall	10mm
Annual Rain	1700mm
Annual Precipitation	1750mm
Driving Rain Wind Pressures 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	0.47 kPa

**Seismic Data:**

<b>Sa (0.2)</b>	1.0
<b>Sa (0.5)</b>	0.67
<b>Sa (1.0)</b>	0.33
<b>Sa (2.0)</b>	0.17

<b>PGA</b>	0.49
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**Degree Days Below 18 degrees C**  
3050 Days

**Moisture Index**  
1.76