

## CLIMATIC DATA

Climatic data for the design of buildings in the Regional District shall be deemed to be:

### Design Temperatures (Celsius):

January – 1%.....	-32
January – 2.5% .....	-29
July – 2.5% Drybulb .....	29
July 2.5% Wetbulb .....	18

Degree – Days below 18 See Climate Zone Map (Below)

15 min rain (mm) .....	13
One day rain, 1/50 (mm) .....	54
Annual rain, (mm) .....	475
Moisture index .....	64
Annual total precipitation (mm) .....	650
Driving rain wind pressure (Pa) 1/5 .....	60

### Snow Load 1/50:

Rain Load ( $S_r$ ) (kPa) .....	0.2
Ground Snow Load ( $S_s$ ) (kPa) .....	4.3

### Seismic Data:

$S_a$ (0.2) .....	0.27
$S_a$ (0.5) .....	0.16
$S_a$ (1.0) .....	0.076
$S_a$ (2.0) .....	0.042
PGA .....	0.14

### Hourly Wind Pressure:

Probability 1/10 (kPa) .....	0.27
Probability 1/50 (kPa) .....	0.35

Radon area ..... 1

### Required NAFS Fenestration performance of windows and doors in Part 9 buildings:

DP .....	720
PG .....	15
Water resistance .....	140



**REGIONAL DISTRICT  
of Fraser-Fort George**

**BC Building Code (9.36)  
Climate Zones**

