

# BC BUILDING CODE CHANGES ARE IN EFFECT AS OF DECEMBER 15, 2006

## CLIMATIC AND GEOLOGICAL DATA

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

### DESIGN TEMPERATURE

January	2.5% design temperature	-24°C
January	1% design temperature	-26°C
July	2.5% dry bulb temperature	33°C
July	2.5% wet bulb temperature	19°C
Degree days below 18°C		4,303

### PRECIPITATION

Fifteen (15) minute rain	10mm
One day rain	66mm

### MAXIMUM GROUND SNOWLOAD

		kPa	P.S.F.
Argenta		3.4	72
Arrow Creek Lake View		4.0	83
Blueberry Creek		4.5	94
Balfour		3.7	77
Beasley	Lower	4.9	105
	Upper	5.5	116
Blewett	Lower	4.5	94
	Upper	4.9	105
Bonnington	Lower	4.9	105
	Upper	5.5	116
Brilliant		4.2	88
Brouse		4.9	105
Castlegar	(adjacent)	4.2	88
Crawford Bay		3.7	77
Crescent Bay		3.7	77
Crescent Valley		4.2	88
Creston	(adjacent)	3.2	66
Deer Park		4.2	88
Duncan Lake		3.4	72
Edgewood		4.0	83
Erickson		4.0	83
Fauquier		4.0	83
Gerrard		5.5	116
Glade		4.2	88

Halcyon Hot Springs		4.0	83
Hall Siding		6.1	127
Harrop		3.7	77
Hills		5.5	116
Johnson's Landing		3.4	72
Krestova		4.5	94
Kaslo	(adjacent)	3.4	72
Kingsgate		4.2	88
Kitchener		4.0	83
Lardeau		3.4	72
Lister		4.0	83
Mountain Station Road		4.9	105
Nakusp	(adjacent)	4.4	92
Nancy Green Junction		6.1	127
Needles		4.0	83
Nelson	(adjacent)	4.2	88
New Denver	(adjacent)	4.0	83
Ootischenia		4.2	88
Pass Creek		4.5	94
Passmore	( Upper )	4.2	88
Playmor Junction		4.2	88
Retallack		8.5	176
Riondel		3.7	77
Robson		4.2	88
Rosebery		4.2	88
Ross Spur		5.5	116
Salmo/Erie Area		5.5	116
Sandon		8.5	176
Silverton	(adjacent)	4.0	83
Sirdar		3.4	72
Slocan Park		4.0	83
Slocan Village	(adjacent)	4.0	83
South Slocan		4.9	105
Sproule Creek	Lower	4.9	105
	Upper	5.5	116
Taghum		4.2	88
Thrums		4.2	88
West Creston		4.0	83
Winlaw		4.2	88
Wyndel		3.4	72
Ymir		5.5	116
Yahk		4.2	88

\* Associated Rain Load S<sup>R</sup>

0.1 kPa

### **HOURLY WIND PRESSURES**

Probability	1/10	.24 kPa
	1/50	.34 kPa

### **SEISMIC DATA**

Seismic Spectral Response Accelerations	Sa(0.2)	0.27
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