Part 18 - CLIMATIC DATA

Section 18.1 replaced by BL 687.2

18.1 Climatic data for the design of ***buildings*** in the ***Regional District*** shall be:

(1) Electoral Area A

DESIGN ELEMENT	VALUE
January 2 ½% design dry bulb temperature	-7 °C
January 1 % design dry bulb temperature	- 9 °C
July 2½ % design dry bulb temperature	25 °C
July 2½ % design wet bulb temperature	19 °C
Annual total degree-days below 18 ºC	See Note (1)
Maximum fifteen minute rainfall	6 mm
Maximum one day rainfall	63 mm
Annual total rainfall	1050 mm
Moisture Index	1.18
Annual total precipitation	1,100 mm
Driving rain wind pressure, Pa, 1/5	160
Ground snow load, snow component S (s)	2.3 kPa
Ground snow load, rain component S ®	0.4 kPa
Hourly wind pressure, 1/10	0.36 kPa
Hourly wind pressure, 1/50	0.53 kPa

(2) Electoral Areas B and D

DESIGN ELEMENT	VALUE
January 2½ % design dry bulb temperature	-7 °C
January 1 % design dry bulb temperature	- 9 °C
July 2½ % design dry bulb temperature	25 °C
July 2½ % design wet bulb temperature	19 °C
Annual total degree-days below 18 ºC	See Note (1)
Maximum fifteen minute rainfall	6 mm
Maximum one day rainfall	63 mm
Annual total rainfall	1050 mm
Moisture Index	1.18
Annual total precipitation	1,100 mm
Driving rain wind pressure, PA 1/5	160
Ground snow load, snow component S (s)	2.1 kPa
Ground snow load, rain component S ®	0.4 kPa
Hourly wind pressure, 1/10	0.36 kPa
Hourly wind pressure, 1/50	0.53 kPa

(3) Electoral Area E

DESIGN ELEMENT	VALUE
January 2½ % design dry bulb temperature	-7 °C
January 1 % design dry bulb temperature	- 9 °C
July 2½ % design dry bulb temperature	25 °C
July 2½ % design wet bulb temperature	19 °C
Annual total degree-days below 18 ºC	See Note (1)
Maximum fifteen minute rainfall	6 mm
Maximum one day rainfall	74 mm
Annual total rainfall	1370 mm
Moisture Index	1.47
Annual total precipitation	1,500 mm
Driving rain wind pressure, Pa, 1/5	160
Ground snow load, snow component S (s)	2.4 kPa
Ground snow load, rain component S ®	0.4 kPa
Hourly wind pressure, 1/10	0.36 kPa
Hourly wind pressure, 1/50	0.53 kPa

(4) Electoral Area F

DESIGN ELEMENT	VALUE
January 2½ % design dry bulb temperature	-8 °C
January 1 % design dry bulb temperature	-10 °C
July 2½ % design dry bulb temperature	26 °C
July 2½ % design wet bulb temperature	19 °C
Annual total degree-days below 18 ºC	See Note (1)
Maximum fifteen minute rainfall	8 mm
Maximum one day rainfall	268 mm
Annual total rainfall	3100 mm
Moisture Index	3.14
Annual total precipitation	3,300 mm
Driving rain wind pressure, Pa, 1/5	160
Ground snow load, snow component S (s)	3.4 kPa
Ground snow load, rain component S ®	0.4 kPa
Hourly wind pressure, 1/10	0.36 kPa
Hourly wind pressure, 1/50	0.53 kPa

Notes to Climatic Data

NOTE (1): This value can be obtained on a site specific basis from Environment Canada or the value may be taken from the closest location listed in Table C-2, Division B, Appendix C of the *BC Building Code*.

Seismic Hazard (FOR ALL AREAS)

Seismic Hazard values will be addressed on a site specific basis using building design data obtained from Natural Resources Canada, which will be the applicant's responsibility.

NOTE: The above data is for developed areas only. Outlying undeveloped areas will be addressed on a site specific basis using building design data obtained from the Atmospheric Environment Service, Environment Canada, which will be the applicants responsibility. Frost protection is minimum .46 m (18") in all areas.