

Table C-2 (Cont'd)  
Design Data for Selected Locations in British Columbia

Location	Elev., m	Design Temperature				Degree-Days Below 18°C	15 Min. Rain, mm	One Day Rain, 1/50, mm	Ann. Rain, mm	Moist. Index	Ann. Tot. Ppn., mm	Driving Rain Wind Pres., Pa, 1/5	Snow Load, kPa, 1/50		Hourly Wind Pressures kPa		Seismic Data <sup>(1)</sup>					
		January 2.5% °C	January 1% °C	July 2.5% Dry °C	July 2.5% Wet °C								Ss	Sr	1/10	1/50	Sa(0.2)	Sa(0.5)	Sa(1.0)	Sa(2.0)	PGA	
Stewart	10	-23	-25	23	16	4650	13	150	1300	1.47	1900	180	7.9	0.8	0.32	0.43	0.30	0.19	0.11	0.063	0.14	
Taylor	515	-36	-38	26	18	6000	15	64	320	0.49	450	100	2.3	0.1	0.32	0.40	0.12	0.060	0.031	0.018	0.059	
Terrace	60	-20	-22	25	16	4400	13	128	950	1.08	1150	200	5.4	0.6	0.27	0.36	0.34	0.21	0.11	0.065	0.16	
Tofino	10	-2	-4	19	16	3300	13	193	3275	3.36	3300	300	1.1	0.4	0.54	0.68	1.2	0.94	0.47	0.21	0.52	
Trail	440	-17	-20	33	20	3700	10	54	580	0.65	700	60	4.1	0.1	0.26	0.35	0.27	0.16	0.081	0.045	0.14	
Ucluelet	5	-2	-4	19	16	3150	13	161	3175	3.26	3200	280	1.0	0.4	0.54	0.68	1.2	0.94	0.48	0.21	0.52	
Vancouver Region																						
Burnaby (Simon Fraser Univ.)	110	-7	-9	25	17	3000	10	150	1850	1.93	1950	160	2.9	0.7	0.36	0.48	0.94	0.63	0.33	0.17	0.47	
Gloverdale	10	-8	-10	29	20	3050	8	112	1350	1.44	1400	160	2.5	0.2	0.36	0.47	1.0	0.70	0.33	0.17	0.52	
Haney	10	-9	-11	30	20	3050	10	134	1800	1.86	1950	160	2.4	0.2	0.36	0.47	0.97	0.65	0.32	0.17	0.48	
Ladner	3	-6	-8	27	19	3000	10	80	1000	1.14	1050	160	1.3	0.2	0.37	0.49	1.1	0.73	0.35	0.18	0.54	
Langley	15	-8	-10	29	20	3100	8	112	1450	1.53	1500	160	2.4	0.2	0.36	0.47	1.1	0.71	0.33	0.17	0.53	
New Westminster	10	-8	-10	29	19	2950	10	134	1500	1.59	1575	160	2.3	0.2	0.36	0.47	0.99	0.66	0.33	0.17	0.49	
North Vancouver	135	-7	-9	26	19	3000	10	150	2000	2.07	2100	160	3.0	0.3	0.36	0.48	0.88	0.61	0.33	0.17	0.44	
Richmond	5	-7	-9	27	19	3000	8	86	1070	1.20	1100	160	1.5	0.2	0.36	0.48	1.0	0.68	0.34	0.18	0.50	
Surrey 88 Ave & 156 St.)	90	-8	-10	29	20	3050	10	128	1500	1.58	1575	160	2.4	0.3	0.36	0.47	1.0	0.69	0.33	0.17	0.51	
Vancouver	15	-7	-9	26	19	2925	10	112	1325	1.44	1400	160	1.8	0.2	0.36	0.48	0.94	0.64	0.33	0.17	0.46	
Vancouver (Granville & 41 Ave)	120	-6	-8	28	20	2950	10	107	1325	1.44	1400	160	1.9	0.3	0.36	0.48	0.95	0.65	0.34	0.17	0.47	
West Vancouver	45	-8	-10	28	19	3250	9	150	1600	1.69	1700	160	2.4	0.2	0.36	0.48	0.88	0.62	0.33	0.17	0.43	
Vernon	405	-20	-23	33	20	3900	13	43	350	0.41	400	80	2.2	0.1	0.32	0.44	0.27	0.17	0.083	0.047	0.14	

Bowen  
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