2012 Climatic Data

Climatic data for the design of buildings in the Capital District in accordance with the BC Building Code

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 Pressure, Pa, 1/5	Snow Load kPa 1/50		Hourly Wind Pressures, kPa		Seismic Data[11]				
		January		July 2.5%									s,	s,	1/10	1/50	S(0.2)	S(0.5)	S(1.0)	S(2.0)	PGA
		2.5 % 'C	1% 'C	Dry 'C	Wet 'C																
Galiano Island	200m	-6	-8	28	19	2828	8.8	98.4	1000	1.13	1050	205	1.60	0.32	0.324	0.418	1.151	0.770	0.367	0.184	0.574
James Island	10m	-4	-6	25	18	2812	8	94.7	818	0.97	843	250	1.10	0.20	0.310	0.395	1.213	0.812	0.376	0.185	0.607
Jordan River	20m	-1	-3	22	17	2900	12	170	2300	2.37	2370		1.20	0.40	0.430	0.55	0.990	0.780	0.400	0.170	0.470
Malahat	600m	-8	-10	29	20	2906	8.6	98.6	1012	1.2	1100	160	2.7	.40	.336		1.138	0.768	0.369	0.184	0.565
Mayne Island	200m	-5	-7.5	26.50	18.5	2800.0	8	91.5	912.5	1.05	950	160	1.48	0.26	0.328	0.422	1.174	0.784	0.368	0.184	0.586
Pender Islands'	200m	-4.4	-6	26	18	2781	8	91.2	897	1.03	925	176	1.37	0.20	0.333	0.426	1.218	0.813	0.376	0.185	0.610
Port Renfrew	20m	-3	-5	24	17	2900	13	200	3600	3.64	3675	270	1.10	0.40	0.400	0.520	1.000	0.810	0.410	0.180	0.450
Salt Spring Island	590m	-6	-8	28	19	2904	8.4	98.4	1000	1.13	1050	190	1.70	0.36	0.320	0.404	1.178	0.788	0.371	0.185	0.588
Saturna Island	400m	-4	-6	26	18.5	2758	8	90	920	1.05	950	205	1.46	0.20	0.335	.41	1.232	0.822	0.379	0.184	0.616
Sidney Island	60m	-4	-6	26	18	2850	8	96	818	0.97	850	220	1.10	0.20	0.33	0.40	1.219	0.815	0.378	0.186	0.609
Sooke	20m	-1	-3	21	16	2900	9	130	1250	1.37	1280	220	1.30	0.30	.37	.48	1.100	0.750	0.360	0.180	0.530