

COFFEE MODEL FORECAST OF DISCHARGES FOR VANCOUVER ISLAND WATERSHEDS

Forecast effective as of 02:23 PM, February 13, 2019

River Forecast Centre, BC Ministry of FLNRORD

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February 13, 2019

Station ID	Basin	Station Name	Current Reading (m ³ /s) Wed 2019-02-13	Forecast Daily Discharge (m ³ /s):					Maximum
				Wed	Thu	Fri	Sat	Sun	AVERAGE
				2019-02-13	2019-02-14	2019-02-15	2019-02-16	2019-02-17	Minimum
08HF012	Van. Island	Pugh Creek near Nahwitti Lake (Water level in metre)	4.256	4.831 4.673 4.533	4.968 4.806 4.662	5.131 4.964 4.815	4.983 4.820 4.675	4.831 4.673 4.533	
08HF006	Van. Island	San Josef River below Sharp Creek (Water level in metre)	2.525	2.914 2.767 2.596	3.127 2.970 2.786	3.452 3.278 3.075	3.172 3.013 2.826	2.914 2.767 2.596	
08HF013	Van. Island	Simpson Creek near Koprino Harbour	NO DATA	0.0 0.0 0.0	1.2 0.6 0.4	3.9 1.9 1.2	1.1 0.5 0.3	0.0 0.0 0.0	
08HE009	Van. Island	Klaskish River near Klaskino Inlet (Water level in metre)	3.715	4.686 4.222 3.961	4.729 4.261 3.997	4.971 4.479 4.202	4.907 4.421 4.148	4.686 4.222 3.961	
08HF004	Van. Island	Tsitika River below Catherine Creek (Water level in metre)	1.453	1.785 1.651 1.519	1.785 1.651 1.519	1.785 1.651 1.519	1.786 1.652 1.520	1.792 1.658 1.525	
08HE008	Van. Island	Zeballos River at Mook Peak	0.2	0.4 0.3 0.3	0.4 0.3 0.3	1.1 0.9 0.8	1.0 0.8 0.7	0.5 0.4 0.3	
08HE006	Van. Island	Zeballos River near Zeballos (Water level in metre)	1.547	1.910 1.641 1.468	1.910 1.641 1.468	2.097 1.802 1.612	2.090 1.796 1.606	1.936 1.663 1.488	
08HD032	Van. Island	Salmon River below Campbell Lake Diversion	5.0	11.1 7.2 4.8	11.1 7.2 4.8	11.1 7.2 4.8	15.8 10.3 6.8	27.5 17.9 11.8	
08HD007	Van. Island	Salmon River above Memekay River	10.1	20.1 13.3 9.9	20.1 13.3 9.9	20.1 13.3 9.9	25.7 17.0 12.7	41.7 27.6 20.7	
08HD006	Van. Island	Salmon River near Sayward	19.1	31.6 25.2 21.1	31.6 25.2 21.1	31.6 25.2 21.1	35.6 28.4 23.8	47.0 37.4 31.4	
08HC001	Van. Island	Gold River below Ucona River	22.4	50.5 32.8 24.4	50.5 32.8 24.4	50.5 32.8 24.4	65.0 42.2 31.4	84.4 54.8 40.8	
08HD027	Van. Island	Quinsam River below Lower Quinsam Lake	3.6	6.1 4.7 3.7	6.1 4.7 3.7	6.1 4.7 3.7	6.1 4.7 3.7	6.1 4.7 3.7	
08HD005	Van. Island	Quinsam River near Campbell River	5.7	10.0 7.4 5.7	10.0 7.4 5.7	10.0 7.4 5.7	10.0 7.4 5.7	10.1 7.5 5.8	
08HD011	Van. Island	Oyster River below Woodhus Creek	3.8	9.0 5.6 4.1	9.0 5.6 4.1	9.0 5.6 4.1	11.4 7.2 5.2	23.3 14.7 10.7	
08HD023	Van. Island	Little Oyster River at Yorke Road (Water level in metre)	0.717	0.927 0.813 0.723	0.927 0.813 0.723	0.927 0.813 0.723	0.927 0.813 0.723	0.927 0.813 0.723	
08HB075	Van. Island	Dove Creek near the Mouth	0.2	0.3 0.2 0.2	0.3 0.2 0.2	0.3 0.2 0.2	1.9 1.4 1.0	2.2 1.6 1.2	
08HB011	Van. Island	Tsolum River near Courtenay	2.7	5.5 3.6 2.7	5.5 3.6 2.7	5.5 3.6 2.7	15.3 10.1 7.6	14.2 9.4 7.1	
08HB025	Van. Island	Browns River near Courtenay	1.5	4.5 2.8 1.9	4.5 2.8 1.9	4.5 2.8 1.9	6.2 3.8 2.6	7.6 4.7 3.2	
08HB023	Van. Island	Ash River below Moran Creek	8.1	12.4 9.6 8.2	12.4 9.6 8.2	12.4 9.6 8.2	15.3 11.8 10.1	22.4 17.2 14.8	
08HB008	Van. Island	Sproat River near Alberni	30.2	35.0 32.4 30.4	35.0 32.4 30.4	35.0 32.4 30.4	35.1 32.4 30.4	35.2 32.5 30.5	

08HB017	Van. Island	Somass River near Alberni	90.3	115.3 99.9 90.9	115.3 99.9 90.9	115.3 99.9 90.9	117.7 102.0 92.8	123.6 107.1 97.5
08HB086	Van. Island	Tofino Creek near the Mouth	0.4	1.2 0.8 0.4	1.2 0.8 0.4	4.0 2.8 1.3	7.6 5.2 2.4	4.4 3.0 1.4
08HB029	Van. Island	Little Qualicum River near Qualicum Beach	4.8	7.4 5.8 5.0	7.4 5.8 5.0	7.4 5.8 5.0	7.7 6.0 5.2	8.6 6.7 5.8
08HB002	Van. Island	Englishman River near Parksville	11.2	17.4 12.3 9.4	17.4 12.3 9.4	17.4 12.3 9.4	20.7 14.6 11.1	27.6 19.5 14.9
08HB032	Van. Island	Millstone River at Nanaimo	1.0	1.7 1.3 1.1	2.0 1.6 1.4	2.3 1.8 1.6	2.7 2.1 1.8	2.5 2.0 1.7
08HB034	Van. Island	Nanaimo River near Cassidy	13.8	25.2 18.7 14.6	25.2 18.7 14.6	25.2 18.7 14.6	29.9 22.2 17.4	39.7 29.5 23.1
08HB048	Van. Island	Carnation Creek at the Mouth	0.1	0.4 0.2 0.1	0.4 0.2 0.1	0.4 0.2 0.1	0.4 0.2 0.1	0.4 0.2 0.1
08HB014	Van. Island	Sarita River near Bamfield	3.8	8.0 5.5 4.2	8.0 5.5 4.2	8.0 5.5 4.2	8.0 5.5 4.2	8.0 5.5 4.2
08HA001	Van. Island	Chemainus River near Westholme	10.4	20.1 15.0 11.2	20.1 15.0 11.2	20.3 15.1 11.3	20.8 15.4 11.6	21.7 16.1 12.1
08HA016	Van. Island	Bings Creek near the Mouth	0.2	0.5 0.4 0.3	0.5 0.4 0.3	0.5 0.4 0.3	0.5 0.4 0.3	0.5 0.4 0.3
08HA011	Van. Island	Cowichan River near Duncan	57.6	79.3 66.1 57.7	79.3 66.1 57.7	79.3 66.1 57.7	79.3 66.1 57.7	79.3 66.1 57.7
08HA003	Van. Island	Koksilah River at Cowichan Station	2.8	6.3 4.2 3.0	6.3 4.2 3.0	6.7 4.5 3.2	7.8 5.3 3.7	6.7 4.5 3.2
08HA070	Van. Island	Harris Creek near Lake Cowichan	0.8	2.2 1.6 1.2	2.2 1.6 1.2	3.3 2.3 1.8	3.5 2.5 1.9	2.4 1.7 1.3
08HA069	Van. Island	Renfrew Creek near Port Renfrew	0.2	0.8 0.4 0.3	0.8 0.4 0.3	1.8 1.0 0.6	1.8 1.0 0.6	1.0 0.6 0.4
08HA068	Van. Island	Garbage Creek near the Mouth	0.0	0.2 0.1 0.1	0.2 0.1 0.1	0.2 0.1 0.1	0.2 0.1 0.1	0.2 0.1 0.1
08HA010	Van. Island	San Juan River near Port Renfrew	16.2	37.3 22.6 17.8	37.3 22.6 17.8	46.3 28.0 22.1	57.8 35.0 27.6	44.4 26.9 21.2

DISCLAIMER:

DISCLAIMER: The model forecast is derived by using observed/forecast climate/hydrometric data from Environment and Climate Change Canada (ECCC) and the Province of British Columbia. The model and data have limitations, inaccuracies and errors. The actual discharges/water levels will be different from the forecasts. Users of this data must accept all responsibility for their use and interpretation.

Colour Scheme for Return Periods:

RTP<1Y	RTP=1-2Y	RTP=2-5Y	RTP=5-10Y	RTP=10-20Y
RTP=20-50Y	RTP=50-100Y	RTP=100-200Y	RTP=>=200Y	