

COFFEE MODEL FORECAST OF DISCHARGES FOR VANCOUVER ISLAND WATERSHEDS

Forecast effective as of 09:35 AM, July 15, 2024

River Forecast Centre, BC Ministry of WLRs

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July 15, 2024

Station ID	Basin	Station Name	Current Reading (m ³ /s) Mon 2024-07-15	Forecast Daily Discharge (m ³ /s):					Maximum
				Mon	Tue	Wed	Thu	Fri	AVERAGE
				2024-07-15	2024-07-16	2024-07-17	2024-07-18	2024-07-19	Minimum
08HF012	Van. Island	Pugh Creek near Nahwitti Lake	0.0	0.1 0.0 0.0	0.1 0.0 0.0	0.1 0.0 0.0	2.4 1.3 0.8	4.5 2.3 1.4	
08HF006	Van. Island	San Josef River below Sharp Creek	0.8	1.6 1.1 0.9	1.6 1.1 0.9	1.6 1.1 0.9	3.1 2.2 1.6	4.5 3.2 2.4	
08HF013	Van. Island	Simpson Creek near Koprino Harbour	0.1	0.7 0.4 0.2	0.7 0.4 0.2	0.7 0.4 0.2	0.7 0.4 0.2	1.4 0.7 0.4	
08HE009	Van. Island	Klaskish River near Klaskino Inlet	0.3	0.7 0.5 0.4	0.7 0.5 0.4	0.7 0.5 0.4	5.0 3.7 2.9	7.2 5.3 4.1	
08HF004	Van. Island	Tsitika River below Catherine Creek	3.1	7.0 4.9 3.6	7.0 4.9 3.6	7.0 4.9 3.6	7.0 4.9 3.6	10.1 7.1 5.2	
08HF005	Van. Island	Nimpkish River above Woss River	10.7	16.4 13.6 11.0	16.4 13.6 11.0	16.4 13.6 11.0	16.4 13.6 11.0	51.7 42.7 34.7	
08HE008	Van. Island	Zeballos River at Mook Peak	0.0	0.1 0.1 0.1	0.1 0.1 0.1	0.1 0.1 0.1	0.1 0.1 0.1	0.8 0.7 0.6	
08HE006	Van. Island	Zeballos River near Zeballos	4.0	10.7 7.6 5.5	10.7 7.6 5.5	10.7 7.6 5.5	14.0 9.8 7.2	27.5 19.4 14.2	
08HD007	Van. Island	Salmon River above Memekay River	2.8	6.7 4.9 3.3	6.7 4.9 3.3	6.7 4.9 3.3	6.7 4.9 3.3	9.9 7.2 4.9	
08HD006	Van. Island	Salmon River near Sayward	10.7	18.1 15.0 12.1	18.1 15.0 12.1	18.1 15.0 12.1	18.1 15.0 12.1	44.1 36.6 29.4	
08HC001	Van. Island	Gold River below Ucona River	12.6	28.9 20.6 13.9	28.7 20.5 13.9	34.5 24.7 16.7	48.3 34.5 23.3	109.6 78.3 53.0	
08HD027	Van. Island	Quinsam River below Lower Quinsam Lake	1.2	2.1 1.5 1.2	2.1 1.5 1.2	2.1 1.5 1.2	2.1 1.5 1.2	2.1 1.5 1.2	
08HD005	Van. Island	Quinsam River near Campbell River	2.2	3.3 2.6 2.0	3.3 2.6 2.0	3.3 2.6 2.0	3.3 2.6 2.0	3.3 2.6 2.0	
08HD011	Van. Island	Oyster River below Woodhus Creek	3.4	7.9 5.5 3.6	7.9 5.5 3.6	7.9 5.5 3.6	7.9 5.5 3.6	7.9 5.5 3.6	
08HD023	Van. Island	Little Oyster River at Yorke Road	0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	
08HB075	Van. Island	Dove Creek near the Mouth	0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	
08HB011	Van. Island	Tsolum River near Courtenay	0.2	0.4 0.3 0.2	0.4 0.3 0.2	0.4 0.3 0.2	0.4 0.3 0.2	0.4 0.3 0.2	
08HB025	Van. Island	Browns River near Courtenay	0.2	0.6 0.4 0.2	0.6 0.4 0.2	0.6 0.4 0.2	0.6 0.4 0.2	0.6 0.4 0.2	
08HB074	Van. Island	Cruickshank River near the Mouth	7.6	18.8 12.5 8.7	18.8 12.5 8.7	18.8 12.5 8.7	18.8 12.5 8.7	18.8 12.5 8.7	
08HB023	Van. Island	Ash River below Moran Creek	4.8	7.8 6.3 5.2	7.8 6.3 5.2	7.8 6.3 5.2	7.8 6.3 5.2	7.8 6.3 5.2	

08HB008	Van. Island	Sproat River near Alberni	3.8	4.5 4.2 3.9	4.5 4.2 3.9	4.5 4.2 3.9	4.5 4.2 3.9	4.5 4.2 3.9
08HB017	Van. Island	Somass River near Alberni	34.1	44.1 38.2 34.8	44.1 38.2 34.8	44.1 38.2 34.8	44.1 38.2 34.8	44.1 38.2 34.8
08HB086	Van. Island	Tofino Creek near the Mouth	0.4	2.2 1.5 0.7	1.3 0.9 0.4	1.3 0.9 0.4	1.3 0.9 0.4	3.1 2.1 1.0
08HB029	Van. Island	Little Qualicum River near Qualicum Beach	NO DATA	3.4 2.7 2.2	3.4 2.7 2.2	3.4 2.7 2.2	3.4 2.7 2.2	3.4 2.7 2.2
08HB002	Van. Island	Englishman River near Parksville	1.5	3.2 2.3 1.7	3.2 2.3 1.7	3.2 2.3 1.7	3.2 2.3 1.7	3.2 2.3 1.7
08HB032	Van. Island	Millstone River at Nanaimo	0.1	0.3 0.2 0.1	0.3 0.2 0.1	0.3 0.2 0.1	0.3 0.2 0.1	0.3 0.2 0.1
08HB092	Van. Island	South Nanaimo River near Junction	0.6	1.2 0.9 0.7	1.2 0.9 0.7	1.2 0.9 0.7	1.2 0.9 0.7	1.2 0.9 0.7
08HB034	Van. Island	Nanaimo River near Cassidy	3.7	5.6 4.2 3.3	5.6 4.2 3.3	5.6 4.2 3.3	5.6 4.2 3.3	5.6 4.2 3.3
08HB048	Van. Island	Carnation Creek at 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
08HB014	Van. Island	Sarita River near Bamfield	1.1	2.5 1.7 1.2	2.5 1.7 1.2	2.5 1.7 1.2	2.5 1.7 1.2	2.5 1.7 1.2
08HA001	Van. Island	Chemainus River near Westholme	0.5	0.9 0.7 0.5	0.9 0.7 0.5	0.9 0.7 0.5	0.9 0.7 0.5	0.9 0.7 0.5
08HA016	Van. Island	Bings Creek near the Mouth	0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0
08HA072	Van. Island	Cottonwood Creek Headwaters	0.0	0.1 0.1 0.1	0.1 0.1 0.1	0.1 0.1 0.1	0.1 0.1 0.1	0.1 0.1 0.1
08HA011	Van. Island	Cowichan River near Duncan	6.0	7.1 6.0 5.2	7.1 6.0 5.2	7.1 6.0 5.2	7.1 6.0 5.2	7.1 6.0 5.2
08HA003	Van. Island	Koksilah River at Cowichan Station	0.3	0.8 0.5 0.4	0.8 0.5 0.4	0.8 0.5 0.4	0.8 0.5 0.4	0.8 0.5 0.4
08HA070	Van. Island	Harris Creek near Lake Cowichan	0.1	0.2 0.2 0.1	0.2 0.2 0.1	0.2 0.2 0.1	0.2 0.2 0.1	0.2 0.2 0.1
08HA069	Van. Island	Renfrew Creek near Port Renfrew	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
08HA068	Van. Island	Garbage Creek near the Mouth	0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0
08HA010	Van. Island	San Juan River near Port Renfrew	2.2	4.5 3.1 2.2	4.5 3.1 2.2	4.5 3.1 2.2	4.5 3.1 2.2	4.5 3.1 2.2

DISCLAIMER: This forecast is derived from the COFFEE Model, a hydrological model using third-party data as inputs. The model has systematic errors from its intrinsic limitations and random errors inherited from the input data. Thus, model forecasts are different from observations. Users of this forecast must accept all responsibility for their use and interpretation. Click links below for more information.

[Detailed explanation of forecast chart](#)

[Technical reference for COFFEE Model](#)

Colour Scheme for Return Periods:

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