

COFFEE MODEL FORECAST OF DISCHARGES FOR SKEENA-NASS 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
08DA005	Nass	Surprise Creek near the Mouth	40.9	74.4 52.0 33.4	69.3 48.5 31.2	67.2 47.0 30.2	72.5 50.7 32.6	76.9 53.7 34.6	
08DB001	Nass	Nass River above Shumal Creek	1320.0	1919.9 1651.4 1440.0	1833.4 1577.0 1375.1	1753.7 1508.5 1315.3	1761.0 1514.8 1320.8	1787.1 1537.2 1340.4	
08DB013	Nass	Ansedagan Creek near New Aiyansh	1.3	4.8 2.5 1.3	4.8 2.5 1.3	4.8 2.5 1.3	4.8 2.5 1.3	4.8 2.5 1.3	
08EB005	Skeena	Skeena River above Babine River	410.0	761.3 617.6 486.2	747.8 606.7 477.6	736.6 597.5 470.4	733.0 594.6 468.1	730.5 592.6 466.5	
08EC013	Skeena	Babine River at Outlet of Nilkitkwa Lake	41.6	65.2 57.4 51.4	65.2 57.4 51.4	65.2 57.4 51.4	65.2 57.4 51.4	65.2 57.4 51.4	
08EB004	Skeena	Kispiox River near Hazelton	32.8	88.9 76.7 65.9	77.9 67.2 57.7	63.9 55.2 47.4	76.9 66.3 57.0	94.2 81.3 69.8	
08EB003	Skeena	Skeena River at Glen Vowell (Water level in metre)	1.829	3.509 3.002 2.663	3.452 2.953 2.619	3.393 2.903 2.575	3.397 2.906 2.578	3.426 2.931 2.600	
08EE013	Skeena	Buck Creek at the Mouth	0.7	0.9 0.8 0.7	0.9 0.8 0.7	0.9 0.8 0.7	0.9 0.8 0.7	0.9 0.8 0.7	
08EE003	Skeena	Bulkley River near Houston	3.2	4.1 3.6 3.3	4.1 3.6 3.3	4.1 3.6 3.3	4.1 3.6 3.3	4.1 3.6 3.3	
08ED001	Skeena	Nanika River at Outlet of Kidprice Lake	46.1	72.8 58.6 46.3	72.8 58.6 46.3	72.8 58.6 46.3	72.8 58.6 46.3	72.8 58.6 46.3	
08ED002	Skeena	Moice River near Houston	150.0	169.1 156.2 142.9	169.1 156.2 142.9	169.1 156.2 142.9	169.1 156.2 142.9	169.1 156.2 142.9	
08EE004	Skeena	Bulkley River at Quick	182.0	228.5 206.2 184.2	228.5 206.2 184.2	228.5 206.2 184.2	228.5 206.2 184.2	228.5 206.2 184.2	
08EE020	Skeena	Telkwa River below Tsai Creek	NO DATA	48.7 36.8 29.2	48.7 36.8 29.2	48.7 36.8 29.2	48.7 36.8 29.2	48.7 36.8 29.2	
08EE008	Skeena	Goathorn Creek near Telkwa	1.9	4.3 3.0 2.1	4.3 3.0 2.1	4.3 3.0 2.1	4.3 3.0 2.1	4.3 3.0 2.1	
08EE005	Skeena	Bulkley River near Smithers	222.0	269.8 244.8 224.6	270.1 245.0 224.7	270.1 245.0 224.7	270.1 245.0 224.7	270.1 245.0 224.7	
08EE012	Skeena	Simpson Creek at the Mouth	0.4	0.9 0.6 0.4	0.9 0.6 0.4	0.9 0.6 0.4	0.9 0.6 0.4	0.9 0.6 0.4	
08EF001	Skeena	Skeena River at Usk	1030.0	1469.9 1278.7 1142.0	1414.1 1230.2 1098.7	1389.6 1208.9 1079.7	1364.9 1187.4 1060.5	1366.6 1188.9 1061.8	
08EF005	Skeena	Zymoetz River above O.K. Creek	139.0	276.7 190.8 131.1	316.7 218.3 150.0	341.9 235.7 162.0	291.2 200.8 137.9	285.1 196.5 135.0	
08EG019	Skeena	Kitsumkalum River below Alice Creek	182.0	207.9 185.5 165.4	207.9 185.5 165.4	207.9 185.5 165.4	213.1 190.2 169.5	244.2 218.0 194.3	
08EG012	Skeena	Exchamsiks River near Terrace	60.1	99.7 82.4 64.5	103.0 85.1 66.7	103.5 85.5 67.0	104.0 85.9 67.3	104.9 86.7 67.9	

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
RTP=20-50Y	RTP=50-100Y	RTP=100-200Y	RTP>>=200Y	