

FORECAST OF DISCHARGES FOR THOMPSON RIVER AND TRIBUTARIES

Forecast effective as of 10:24 AM, July 15, 2024

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Station ID	Watershed	Station Name	Reading at 07 AM (m ³ /s) Mon 2024-07-15	Forecast Daily Discharge (m ³ /s):												
				UPPER BOUND									AVERAGE	LOWER BOUND		
				Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed			
				2024-07-15	2024-07-16	2024-07-17	2024-07-18	2024-07-19	2024-07-20	2024-07-21	2024-07-22	2024-07-23	2024-07-24			
99FK030	Clearwater	Clearwater Lake at Outlet (Routing Station)	199.3	200.7 196.8 192.9	198.1 191.8 185.6	195.1 186.9 179.0	191.5 182.7 174.1	190.1 179.4 168.7	192.0 176.1 160.8	196.2 174.5 152.3	198.6 170.7 143.2	199.2 164.2 130.7	211.5 164.2 122.7			
99FK040	Clearwater	Murtle Lake at Outlet (Routing Station)	64.7	65.2 64.1 63.0	64.7 62.8 61.0	64.1 61.6 59.1	63.2 60.3 57.4	62.7 59.1 55.5	63.1 57.8 52.6	64.2 56.6 49.2	64.1 55.3 46.7	65.1 54.2 43.7	73.1 56.0 41.1			
08LA027	Clearwater	Bridge Creek below Deka Creek	1.1	1.1 1.1 1.1	1.2 1.1 1.0	1.2 1.0 0.9	1.2 1.0 0.9	1.2 1.0 0.8	1.4 1.0 0.6	1.5 1.0 0.5	1.3 0.9 0.5	1.5 0.9 0.5	1.5 1.0 0.6			
99FK048	Clearwater	Bridge Creek at Inlet Of Canim Lake (Routing Station)	32.6	32.9 32.6 32.2	33.2 32.4 31.8	33.4 32.3 31.3	33.5 32.2 31.0	33.8 32.1 30.5	34.8 32.2 29.5	36.1 32.1 28.2	36.7 32.0 27.2	38.1 31.9 25.8	55.9 37.8 24.4			
99FK050	Clearwater	Canim and Mahood Lakes (Routing Station)	177.9	178.8 171.7 164.9	169.1 160.7 152.6	160.1 150.9 142.2	152.0 142.6 133.7	145.8 135.5 125.6	142.7 129.3 116.5	142.0 123.8 106.0	138.0 117.1 97.3	135.2 110.8 87.6	137.2 107.8 81.3			
08LA001	Clearwater	Clearwater River near Clearwater Station	441.0	443.8 433.0 423.0	434.4 417.4 400.3	420.7 400.3 380.2	406.9 385.5 364.3	397.8 372.7 347.8	395.8 360.4 325.2	396.7 349.1 302.5	394.5 338.8 283.8	394.8 324.4 257.2	408.1 320.0 241.1			
99FK060	N. Thompson	North Thompson River above Blue River (Routing Station)	145.6	157.4 141.1 124.1	156.4 133.3 109.7	163.2 128.8 93.2	165.6 122.2 79.9	158.0 115.1 73.9	181.9 118.3 69.0	293.8 176.9 77.5	357.9 235.9 118.8	405.1 271.6 140.3	393.5 238.2 104.6			
08LB038	N. Thompson	Blue River near Blue River	16.9	22.9 17.2 11.8	24.0 16.6 9.7	23.6 15.8 8.8	22.5 15.1 8.2	27.6 16.8 8.1	27.0 17.7 9.1	26.5 15.3 6.7	19.5 12.5 6.2	22.9 12.7 5.9	58.7 30.0 7.5			
08LB047	N. Thompson	North Thompson River at Birch Island	263.4	285.6 256.3 228.1	288.4 245.3 202.2	301.3 237.7 174.2	310.2 232.3 154.1	305.2 224.8 145.8	305.0 220.2 135.4	366.1 230.6 126.4	471.6 300.0 149.9	540.7 351.9 186.1	629.0 393.2 205.9			
99FK062	N. Thompson	Raft River at the Mouth (Routing Station)	3.1	3.4 3.1 2.8	3.7 3.2 2.7	4.1 3.2 2.4	4.4 3.3 2.2	4.6 3.3 2.2	4.7 3.4 2.1	5.0 3.5 2.0	5.0 3.5 2.0	5.2 3.5 2.0	38.7 14.3 1.6			
99FK065	N. Thompson	North Thompson River above Lemieux Creek (Routing Station)	754.8	787.7 735.7 683.9	779.6 702.9 627.1	785.8 676.9 569.6	784.7 656.3 529.3	771.6 636.3 503.4	769.5 618.2 469.3	783.5 609.1 441.4	877.1 656.9 439.9	935.7 703.3 467.1	1062.9 741.4 465.5			
08LB078	N. Thompson	Lemieux Creek near the Mouth	2.5	2.6 2.5 2.4	3.3 2.5 1.8	3.9 2.5 1.2	3.9 2.5 1.2	4.0 2.5 1.1	4.2 2.5 0.9	4.2 2.5 0.9	4.2 2.5 0.9	4.2 2.5 0.8	4.2 2.5 0.8			
99FK067	N. Thompson	North Thompson River at Barriere (Routing Station)	778.4	782.3 753.5 729.8	761.0 718.6 680.1	746.9 691.3 639.4	726.0 669.8 616.3	712.5 650.1 590.5	706.0 631.2 560.1	687.8 618.3 552.6	754.7 652.4 556.7	792.0 706.2 614.6	846.2 739.2 643.9			

08LB076	N. Thompson	Harper Creek near the Mouth	3.5	3.5 3.5	3.6 3.4 3.3	3.6 3.4 3.3	3.7 3.4 3.2	4.0 3.4 3.1	4.1 3.5 3.0	4.2 3.4 3.0	5.0 4.2 3.2	4.6 3.8 3.2	4.4 3.7 3.2
08LB020	N. Thompson	Barriere River at the Mouth	11.6	11.7 11.2	12.2 10.3	12.1 9.8	12.1 9.5	11.9 9.4	12.8 8.7	13.7 7.8	16.5 6.9	18.0 7.2	19.6 6.4
08LB072	N. Thompson	Louis Creek at the Mouth (Inactive Station)	3.0	3.0 3.0	3.3 2.8	3.3 2.7	3.4 2.6	3.4 2.6	3.5 2.6	3.7 2.2	3.7 2.1	4.0 1.8	5.1 1.6
08LB024	N. Thompson	Fishtrap Creek near McLure	0.2	0.2 0.2	0.2 0.1	0.2 0.1	0.2 0.1	0.2 0.1	0.2 0.1	0.2 0.1	0.2 0.1	0.2 0.1	0.2 0.1
08LB064	N. Thompson	North Thompson River at McLure	757.6	761.2 711.6	742.7 659.1	724.6 617.0	701.0 592.8	685.7 567.4	678.9 536.1	658.8 524.3	701.8 524.6	757.1 574.2	789.1 616.1
08LE020	S. Thompson	Salmon River at Falkland	0.7	0.8 0.7	0.8 0.6	0.8 0.6	0.9 0.5	1.0 0.5	1.0 0.5	1.0 0.4	1.0 0.4	1.0 0.4	1.0 0.4
08LE021	S. Thompson	Salmon River near Salmon Arm	1.1	1.1 1.0	1.1 1.0	1.2 1.0	1.2 0.9	1.3 0.8	1.5 0.7	1.5 0.6	1.6 0.6	1.6 0.6	1.6 0.6
08LC018	S. Thompson	Shuswap River at Outlet of Sugar Lake Reservoir	81.7	81.9 81.3	82.3 80.8	82.4 80.5	82.5 80.2	82.8 79.7	83.0 79.3	83.3 78.9	83.5 78.6	83.8 78.1	84.1 77.6
08LC003	S. Thompson	Shuswap River near Lumby	87.0	87.4 86.6	87.3 86.5	87.7 86.0	87.6 85.9	88.2 85.2	89.4 83.8	89.3 83.7	89.2 83.6	89.9 82.8	90.3 82.2
08LC042	S. Thompson	Bessette Creek above Lumby Lagoon Outfall	0.3	0.3 0.3	0.3 0.3	0.3 0.3	0.3 0.3	0.3 0.3	0.4 0.3	0.4 0.3	0.5 0.3	0.5 0.3	0.5 0.3
08LC040	S. Thompson	Vance Creek below Deafies Creek	0.2	0.3 0.1	0.2 0.1	0.1 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
08LC039	S. Thompson	Bessette Creek above Beaverjack Creek	0.6	0.8 0.6	0.8 0.6	0.7 0.5	0.6 0.5	0.6 0.5	0.6 0.5	0.6 0.5	0.7 0.5	0.7 0.5	0.8 0.5
08LC002	S. Thompson	Shuswap River near Enderby	138.3	139.3 136.4	139.9 134.3	139.5 132.5	138.2 131.0	136.7 129.9	135.4 129.0	134.7 127.9	134.0 127.4	133.3 126.9	132.8 126.7
08LE024	S. Thompson	Eagle River near Malakwa	59.2	63.0 56.7	64.3 54.6	64.9 53.8	63.8 53.0	78.3 37.5	80.3 33.6	76.7 31.2	72.7 29.6	100.5 30.9	119.6 42.2
08LE070	S. Thompson	Shuswap Lake at Salmon Arm (Water level in metre)	347.127	347.161 347.071	347.174 347.009	347.181 346.947	347.189 346.886	347.198 346.827	347.208 346.766	347.216 346.705	347.225 346.646	347.235 346.594	347.256 346.554
08LE027	S. Thompson	Seymour River near Seymour Arm	56.8	59.4 49.8	61.3 41.4	58.6 38.6	73.3 38.7	92.0 54.6	107.0 51.4	100.5 30.8	64.0 24.1	105.1 24.7	125.3 51.0
08LD001	S. Thompson	Adams River near Squilax	141.0	142.5	142.7	143.2	145.0	146.6	153.3	155.5	154.7	153.2	151.8

				138.6	136.5	134.2	130.9	128.1	118.9	112.5	108.4	105.2	103.1	
				0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	2.0
08LE112	S. Thompson	Chase Creek above the Mouth	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.6
				0.3	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1
08LE031	S. Thompson	South Thompson River at Chase	615.7	621.3	618.0	613.0	609.6	607.0	608.1	609.4	614.0	607.5	614.3	
				600.9	583.8	565.8	548.6	539.1	532.7	522.2	498.6	485.9	482.3	
08LF023	Thompson	Thompson River at Kamloops (Water level in metre)	4.715	4.723	4.646	4.591	4.538	4.492	4.474	4.437	4.415	4.572	4.721	
				4.599	4.495	4.402	4.335	4.283	4.222	4.191	4.184	4.144	4.158	
08LF033	Thompson	Thompson River near Savona	1410.0	1413.3	1367.7	1307.8	1259.2	1213.4	1176.5	1147.3	1148.0	1150.4	1194.2	
				1358.2	1294.7	1238.8	1186.4	1143.5	1104.8	1071.4	1020.2	1000.6	996.7	
08LF094	Thompson	Joe Ross Creek near the Mouth	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	2.6	
				0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
08LF027	Thompson	Deadman River above Criss Creek	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
				0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
08LF007	Thompson	Criss Creek near Savona	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	37.6
				0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.2
99FK071	Thompson	Bonaparte River below Rayfield River (Routing Station)	6.0	6.3	6.8	6.9	6.9	6.9	7.0	6.9	7.0	7.0	8.8	
				5.7	4.9	4.7	4.4	4.2	4.0	3.8	3.6	3.4	3.3	
99FK072	Thompson	Hat Creek at the Mouth (Routing Station)	0.7	0.8	0.8	0.8	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9
				0.7	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5
08LF099	Thompson	Arrowstone Creek near the Mouth	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.6	
				0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
08LF002	Thompson	Bonaparte River below Cache Creek	3.4	3.6	3.8	3.8	3.8	3.7	3.6	3.6	3.5	3.5	3.7	
				3.2	2.7	2.5	2.4	2.2	2.0	1.9	1.8	1.6	1.6	
08LG016	Thompson	Pennask Creek near Quilchena	6.0	6.3	8.0	10.9	11.6	14.3	11.3	6.5	6.2	6.3	6.3	
				5.3	5.2	6.9	8.2	4.5	2.1	1.5	1.3	1.3	1.3	
08LG028	Nicola	Nicola River at Outlet of Douglas Lake	2.5	2.7	2.7	2.8	3.0	3.6	3.9	3.9	4.1	4.1	4.1	
				2.4	2.4	2.3	2.2	1.5	1.2	1.0	0.9	0.8	0.8	
08LG049	Nicola	Nicola River above Nicola Lake (Inactive Station)	2.9	3.1	3.2	3.7	4.0	4.2	4.4	4.7	4.8	4.8	4.8	
				2.7	2.6	2.1	1.7	1.6	1.4	1.1	1.0	1.0	0.9	
08LG017	Nicola	Quilchena Creek at Quilchena	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
				0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
08LG065	Nicola	Nicola River at Outlet of Nicola Lake (Regulated, extended trend only)	3.2	3.2	3.3	3.2	3.2	3.1	3.1	3.0	3.0	2.9	2.9	2.9
				3.1	3.0	3.0	2.9	2.9	2.8	2.8	2.7	2.7	2.7	2.7
				2.3	2.8	3.1	3.1	3.2	3.3	3.3	3.3	3.3	3.4	

08LG048	Nicola	Coldwater River near Brookmere	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
				1.7	1.2	0.9	0.9	0.9	0.7	0.7	0.7	0.7	0.7	0.7
08LG010	Nicola	Coldwater River at Merrit	2.6	3.0	3.2	3.4	3.5	3.6	3.8	3.8	3.8	3.8	3.8	3.9
				2.2	2.0	1.8	1.7	1.6	1.5	1.4	1.4	1.4	1.4	1.3
08LG041	Nicola	Guichon Creek at Outlet of Mamit Lake	0.6	0.7	0.8	0.9	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.1
				0.6	0.5	0.5	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3
08LG008	Nicola	Spius Creek near Canford	3.6	3.9	4.2	4.7	4.7	5.7	5.8	5.8	5.8	5.8	5.8	5.8
				3.4	3.1	2.7	2.7	1.6	1.5	1.5	1.5	1.5	1.5	1.5
08LG070	Nicola	Nicola River South of Shackan	8.2	8.8	9.4	10.4	10.3	12.5	12.7	12.6	12.5	12.5	12.5	12.4
				7.6	6.9	5.9	5.8	3.6	3.3	3.3	3.3	3.3	3.3	3.3
08LG006	Nicola	Nicola River near Spences Bridge (Inactive Station)	8.8	8.9	9.2	9.4	9.4	10.2	12.4	12.5	12.4	12.4	12.4	12.3
				8.6	8.3	8.0	7.9	7.1	4.7	4.6	4.6	4.5	4.5	4.5
08LF051	Thompson	Thompson River at Spences Bridge	1350.0	1349.3	1306.2	1244.7	1188.4	1142.5	1107.3	1069.9	1038.8	1024.1	1083.1	1083.1
				1304.9	1238.5	1177.5	1126.3	1078.4	1032.4	1001.2	975.3	952.2	955.0	955.0

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Colour Scheme for Return Periods:

This forecast is derived from the CLEVER Model, a hydrological model using third-party data as inputs. The model has two categories of uncertainty or forecast errors, systematic errors from the model's intrinsic limitations and random errors inherited from the input data. Therefore, it can be expected that the model forecasts are different from the observations. It is also possible that the actual flow is higher than the forecast upper bound or lower than the forecast lower bound. Users of this forecast must accept all responsibility for their use and interpretation.

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