

## FORECAST OF DISCHARGES FOR RIVERS IN NORTHEAST/LIARD WATERSHED

Forecast effective as of 10:21 AM, July 15, 2024

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Station ID	Watershed	Station Name	Reading at 08 AM (m <sup>3</sup> /s) Mon 2024-07-15	Forecast Daily Discharge (m <sup>3</sup> /s):												
				UPPER BOUND									AVERAGE			LOWER BOUND
				Mon 2024-07-15	Tue 2024-07-16	Wed 2024-07-17	Thu 2024-07-18	Fri 2024-07-19	Sat 2024-07-20	Sun 2024-07-21	Mon 2024-07-22	Tue 2024-07-23	Wed 2024-07-24			
10AA006	Liard	Liard River below Scurvy Creek (YT)	57.9	66.4	65.0	64.6	64.7	64.7	64.7	64.7	64.8	75.2	195.6	204.4		
				<b>57.0</b>	<b>56.2</b>	<b>56.1</b>	<b>56.1</b>	<b>56.1</b>	<b>56.1</b>	<b>56.1</b>	<b>58.3</b>	<b>116.1</b>	<b>168.3</b>			
				47.9	47.6	47.5	47.4	47.4	47.4	47.3	47.3	56.3	124.3			
99FK080	Liard	Liard River below Meister River (Routing Station)	180.1	206.1	189.2	184.6	183.9	183.8	183.9	184.1	184.6	487.4	561.2			
				<b>170.8</b>	<b>161.7</b>	<b>159.6</b>	<b>159.3</b>	<b>159.3</b>	<b>159.2</b>	<b>159.2</b>	<b>159.1</b>	<b>256.0</b>	<b>464.1</b>			
				139.9	136.0	135.0	134.8	134.7	134.5	134.4	133.8	134.8	359.1			
10AB001	Liard	Frances River near Watson Lake (YT)	261.2	271.0	282.3	265.7	257.7	250.6	266.8	270.7	259.2	379.3	671.7			
				<b>255.4</b>	<b>242.5</b>	<b>230.6</b>	<b>225.1</b>	<b>217.9</b>	<b>209.7</b>	<b>199.3</b>	<b>190.6</b>	<b>212.3</b>	<b>407.1</b>			
				240.2	204.7	198.1	192.8	185.9	153.9	131.4	125.1	118.5	160.4			
10AA005	Liard	Big Creek at Km 1084.8 Alaska Highway (YT)	7.2	8.6	8.9	9.0	9.1	9.3	9.6	9.9	31.9	40.6	24.1			
				<b>7.2</b>	<b>7.2</b>	<b>7.2</b>	<b>7.2</b>	<b>7.2</b>	<b>7.2</b>	<b>7.2</b>	<b>10.8</b>	<b>25.7</b>	<b>11.3</b>			
				5.9	5.5	5.4	5.3	5.1	4.7	4.5	4.5	11.2	4.8			
10AA004	Liard	Rancheria River near the Mouth (YT)	65.2	77.3	79.1	79.8	80.7	82.1	85.3	87.3	126.1	337.1	338.2			
				<b>64.5</b>	<b>63.9</b>	<b>63.8</b>	<b>63.7</b>	<b>63.6</b>	<b>63.5</b>	<b>63.5</b>	<b>68.8</b>	<b>192.9</b>	<b>197.8</b>			
				52.0	48.8	47.7	46.7	45.1	41.9	39.7	39.7	61.2	87.6			
10AA001	Liard	Liard River at Upper Crossing (YT)	464.3	517.0	520.5	492.3	477.5	470.9	461.8	457.4	773.7	869.9	1321.5			
				<b>451.2</b>	<b>422.3</b>	<b>397.0</b>	<b>390.4</b>	<b>384.0</b>	<b>376.1</b>	<b>366.8</b>	<b>434.2</b>	<b>611.0</b>	<b>938.9</b>			
				388.1	330.1	308.7	304.5	298.7	292.3	278.4	269.8	436.7	547.9			
99FK085	Liard	Dease River above Cottonwood River (Routing Station)	64.7	72.7	78.5	78.5	79.9	82.0	81.5	75.2	71.5	68.6	68.4			
				<b>65.3</b>	<b>64.5</b>	<b>63.4</b>	<b>62.7</b>	<b>62.0</b>	<b>58.6</b>	<b>54.2</b>	<b>51.3</b>	<b>49.9</b>	<b>49.7</b>			
				57.7	50.8	48.5	45.7	41.8	37.2	34.7	31.9	31.5	31.1			
10AC005	Liard	Cottonwood River above Bass Creek	31.8	35.2	36.4	35.4	36.4	37.8	38.7	38.7	39.3	50.2	50.4			
				<b>31.0</b>	<b>29.4</b>	<b>28.8</b>	<b>28.6</b>	<b>28.6</b>	<b>28.9</b>	<b>28.8</b>	<b>28.7</b>	<b>31.4</b>	<b>34.3</b>			
				27.0	22.9	22.1	20.9	19.6	19.0	18.9	18.2	18.2	19.7			
99FK088	Liard	Dease River below Rapid River (Routing Station)	214.2	249.5	270.2	262.3	256.5	252.8	247.1	239.9	234.8	229.2	242.6			
				<b>217.1</b>	<b>219.0</b>	<b>208.3</b>	<b>201.9</b>	<b>196.8</b>	<b>191.3</b>	<b>184.3</b>	<b>177.7</b>	<b>172.1</b>	<b>177.9</b>			
				187.7	168.3	158.3	149.4	142.8	137.3	130.9	122.8	117.3	113.9			
99FK090	Liard	Dease River at Lower Post (Routing Station)	293.3	327.8	348.3	352.5	349.6	342.7	336.8	332.3	450.9	711.5	603.4			
				<b>284.2</b>	<b>282.6</b>	<b>284.3</b>	<b>274.0</b>	<b>267.6</b>	<b>262.4</b>	<b>257.1</b>	<b>264.2</b>	<b>499.1</b>	<b>357.1</b>			
				245.8	219.8	216.0	202.5	194.5	190.1	183.6	175.9	257.4	192.3			
10AD002	Liard	Hyland River at Kilometre 108.5 Nahanni Range Road (YT)	77.2	90.1	94.2	96.0	99.6	103.9	107.6	107.5	156.8	309.4	264.8			
				<b>77.0</b>	<b>76.5</b>	<b>76.0</b>	<b>75.7</b>	<b>75.4</b>	<b>75.1</b>	<b>74.8</b>	<b>81.0</b>	<b>188.7</b>	<b>128.1</b>			
				63.9	58.9	56.1	51.9	46.9	42.5	42.1	42.1	66.3	50.1			
99FK100	Liard	Hyland River at the Mouth (Routing Station)	248.1	276.5	250.7	227.6	226.9	228.7	228.6	229.4	232.7	234.7	316.7			
				<b>226.5</b>	<b>194.4</b>	<b>182.6</b>	<b>180.9</b>	<b>180.2</b>	<b>179.8</b>	<b>179.5</b>	<b>179.1</b>	<b>178.7</b>	<b>194.0</b>			
				182.6	146.1	140.0	135.0	131.9	131.1	129.6	125.6	122.5	118.2			
				1476.9	1508.6	1371.9	1381.1	1382.7	1369.9	1352.7	1360.4	2154.3	2335.4			

99FK102	Liard	Liard River above Kechika River (Routing Station)	1312.1	<b>1278.1</b> 1068.6	<b>1157.8</b> 843.2	<b>1086.2</b> 815.1	<b>1060.4</b> 746.6	<b>1041.4</b> 706.1	<b>1028.3</b> 691.1	<b>1015.1</b> 682.2	<b>1000.0</b> 644.8	<b>1137.1</b> 615.1	<b>1605.6</b> 912.7
99FK105	Liard	Kechika River above Turnagain River (Routing Station)	100.2	<b>96.2</b> 81.2	<b>88.8</b> 67.8	<b>86.2</b> 66.3	<b>89.4</b> 65.3	<b>92.6</b> 66.9	<b>94.4</b> 68.3	<b>93.4</b> 66.2	<b>87.9</b> 59.2	<b>83.6</b> 57.0	<b>92.1</b> 57.4
99FK108	Liard	Turnagain River at the Mouth (Routing Station)	111.2	<b>112.9</b> 97.5	<b>114.8</b> 86.8	<b>104.4</b> 77.7	<b>97.9</b> 71.9	<b>94.3</b> 68.2	<b>93.1</b> 67.7	<b>94.7</b> 68.2	<b>95.1</b> 66.4	<b>122.1</b> 67.8	<b>160.9</b> 92.8
99FK110	Liard	Kechika River at the Mouth (Routing Station)	317.7	<b>300.7</b> 256.0	<b>290.6</b> 227.7	<b>281.9</b> 211.5	<b>269.4</b> 200.1	<b>267.7</b> 195.9	<b>268.8</b> 196.0	<b>268.8</b> 194.0	<b>268.0</b> 186.7	<b>264.8</b> 180.4	<b>347.4</b> 189.4
99FK120	Liard	Rabit River at the Mouth (Routing Station)	59.7	<b>59.2</b> 51.2	<b>57.7</b> 45.0	<b>57.4</b> 43.9	<b>57.3</b> 42.6	<b>60.9</b> 43.5	<b>59.9</b> 43.3	<b>59.8</b> 43.0	<b>61.2</b> 42.3	<b>62.7</b> 42.7	<b>77.4</b> 43.2
99FK130	Liard	Coal River at the Mouth (Routing Station)	143.6	<b>139.3</b> 119.4	<b>134.9</b> 105.8	<b>134.7</b> 103.9	<b>134.3</b> 100.0	<b>133.4</b> 97.6	<b>132.9</b> 96.8	<b>132.4</b> 95.7	<b>132.4</b> 92.7	<b>138.9</b> 90.8	<b>246.0</b> 115.0
10BE013	Liard	Smith River near the Mouth	23.1	<b>23.1</b> 7.7	<b>23.0</b> 7.7	<b>23.1</b> 7.6	<b>23.0</b> 7.6	<b>23.0</b> 7.6	<b>23.0</b> 7.6	<b>23.0</b> 7.6	<b>23.0</b> 7.6	<b>23.7</b> 9.1	<b>30.3</b> 8.0
10BE009	Liard	Teeter Creek near the Mouth	0.8	<b>0.8</b> 0.7	<b>0.8</b> 0.7	<b>0.8</b> 0.7	<b>0.8</b> 0.7	<b>0.8</b> 0.7	<b>0.8</b> 0.7	<b>0.8</b> 0.7	<b>0.8</b> 0.7	<b>0.8</b> 0.7	<b>1.4</b> 0.7
10BE001	Liard	Liard River at Lower Crossing	1540.0	<b>1509.9</b> 1285.9	<b>1392.0</b> 1009.2	<b>1282.9</b> 951.8	<b>1230.9</b> 863.5	<b>1204.8</b> 817.0	<b>1191.4</b> 800.9	<b>1176.9</b> 791.3	<b>1166.3</b> 757.1	<b>1183.4</b> 725.3	<b>1806.2</b> 727.5
10BE007	Liard	Trout River at Kilometre 783.7 Alaska Highway	25.1	<b>24.8</b> 24.5	<b>24.3</b> 23.7	<b>24.0</b> 22.6	<b>23.7</b> 22.0	<b>23.5</b> 21.9	<b>23.2</b> 21.3	<b>22.5</b> 20.1	<b>22.0</b> 19.8	<b>22.4</b> 19.0	<b>35.0</b> 20.7
10BE004	Liard	Toad River above Nonda Creek	67.0	<b>66.4</b> 64.8	<b>66.4</b> 61.9	<b>67.4</b> 62.1	<b>65.4</b> 59.3	<b>68.6</b> 55.9	<b>73.2</b> 61.4	<b>73.4</b> 61.4	<b>73.5</b> 57.3	<b>65.6</b> 47.2	<b>70.7</b> 47.0
99FK133	Liard	Toad River at the Mouth (Routing Station)	122.5	<b>120.1</b> 116.6	<b>116.3</b> 109.2	<b>119.1</b> 108.9	<b>116.5</b> 102.7	<b>109.0</b> 90.9	<b>102.7</b> 82.8	<b>92.0</b> 73.3	<b>86.1</b> 68.1	<b>89.3</b> 67.4	<b>80.0</b> 57.1
10BD001	Liard	Beaver River below Whitefish River (YT)	67.9	<b>64.2</b> 60.3	<b>55.7</b> 49.0	<b>49.7</b> 45.3	<b>48.5</b> 44.2	<b>48.4</b> 41.7	<b>48.5</b> 41.0	<b>48.6</b> 40.8	<b>48.7</b> 38.6	<b>58.6</b> 28.3	<b>273.4</b> 135.6
99FK135	Liard	Liard River above Dunedin River (Routing Station)	2339.7	<b>2248.8</b> 1917.9	<b>2139.1</b> 1574.4	<b>1986.6</b> 1461.4	<b>1876.8</b> 1311.7	<b>1818.6</b> 1227.3	<b>1785.9</b> 1201.4	<b>1764.6</b> 1184.7	<b>1739.3</b> 1126.5	<b>1745.3</b> 1074.5	<b>2011.2</b> 1056.2
99FK137	Liard	Dunedin River at the Mouth (Routing Station)	39.5	<b>38.2</b> 35.9	<b>37.5</b> 33.1	<b>37.4</b> 32.9	<b>37.4</b> 30.9	<b>37.4</b> 30.7	<b>37.4</b> 30.6	<b>37.4</b> 30.3	<b>37.3</b> 30.0	<b>95.7</b> 30.1	<b>103.6</b> 51.1
99FK140	Fort Nelson	Muskwa River above Raspberry Creek (Routing Station)	145.6	<b>139.8</b> 129.9	<b>133.0</b> 115.7	<b>127.2</b> 108.6	<b>118.8</b> 94.8	<b>114.8</b> 92.6	<b>139.9</b> 100.4	<b>156.6</b> 124.1	<b>140.3</b> 105.1	<b>404.6</b> 104.7	<b>680.5</b> 503.5
				0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.2	4.2	2.7

10CD003	Fort Nelson	Raspberry Creek near the Mouth	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	0.7
				0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1
99FK150	Fort Nelson	Prophet River above Bougie Creek (Routing Station)	29.0	34.5	37.5	37.8	37.3	32.0	21.1	15.2	14.4	194.6	185.2	
				28.0	29.4	27.9	22.7	14.9	10.5	9.6	6.2	107.3	121.0	
												6.1	80.7	
10CD004	Fort Nelson	Bougie Creek at Kilometre 368 Alaska Highway	2.0	2.1	3.4	3.3	3.3	3.3	3.3	3.5	74.3	74.0	130.3	
				2.0	0.7	0.7	0.7	0.7	0.7	0.7	0.6	21.7	25.5	24.0
												2.8	1.7	
10CD005	Fort Nelson	Adsett Creek at Kilometre 386.0 Alaska Highway	0.1	0.1	0.1	0.0	0.0	0.0	0.0	7.3	15.4	2.4	46.6	
				0.1	0.1	0.0	0.0	0.0	0.0	0.6	10.0	0.6	17.8	
											2.3	0.2	0.5	
10CD001	Fort Nelson	Muskwa River near Fort Nelson	326.6	340.0	362.6	365.3	380.3	372.5	373.6	402.3	461.0	1328.3	1675.7	
				321.3	323.7	325.4	321.0	311.6	308.2	330.9	338.7	808.9	1327.3	
				305.8	283.6	285.2	261.9	252.8	249.7	257.8	264.8	332.7	923.4	
10CB001	Fort Nelson	Sikanni Chief River near Fort Nelson	31.0	31.6	33.0	33.3	33.3	33.1	30.6	28.2	28.7	49.5	52.4	
				31.0	31.4	32.6	32.7	30.2	27.7	27.1	27.1	28.2	46.5	
10CA001	Fort Nelson	Fontas River near the Mouth	8.3	8.3	8.7	9.7	10.4	10.5	10.7	11.3	11.1	10.9	10.9	
				8.2	7.8	7.5	7.6	7.7	7.1	5.7	5.5	5.5	5.5	
99FK142	Fort Nelson	Sikanni Chief River near Fontas	60.1	60.6	60.6	61.5	64.8	66.1	68.3	76.0	74.0	72.0	73.7	
				57.2	53.3	50.2	48.4	48.7	47.0	38.1	35.9	35.7	36.8	
99FK144	Fort Nelson	Fort Nelson River at Fort Nelson	92.3	93.3	95.1	97.3	98.1	98.4	103.4	115.3	115.7	115.4	112.1	
				89.7	84.3	78.0	73.6	72.6	70.0	59.4	58.8	56.6	56.4	
99FK146	Fort Nelson	Sahtaneh River below Snake River	18.5	19.4	20.7	20.9	21.8	22.0	22.1	22.2	22.4	22.5	22.6	
				17.7	16.4	16.3	15.4	15.3	15.3	15.2	15.1	15.1	15.0	
99FK148	Fort Nelson	Fort Nelson River above Nelson Forks	345.7	360.9	382.6	369.5	380.6	383.9	383.3	372.4	381.1	400.3	1177.9	
				328.2	292.7	281.7	265.3	266.5	256.7	248.1	245.7	257.5	253.6	
10DB001	Liard	Labiche River at Yukon BC Boundary (YT)	31.7	35.4	33.6	25.5	24.1	24.6	24.8	24.8	48.3	376.9	273.9	
				23.9	15.9	14.2	13.3	12.8	12.6	12.6	12.2	20.5	207.8	102.3
												28.5	32.1	
99FK152	Liard	Petitot River below Calendar Creek (Routing Station)	4.6	6.5	5.4	9.7	10.7	10.5	9.0	7.5	6.7	6.4	6.1	
				2.4	1.7	2.1	3.6	3.2	2.7	2.4	2.2	2.1	2.1	
10DA001	Liard	Petitot River below Highway No. 77	3.7	6.0	10.3	12.2	12.2	10.2	7.8	6.9	5.7	6.7	8.3	
				2.3	2.4	3.9	3.8	2.8	2.5	2.0	1.3	1.3	2.4	
10ED001	Liard	Liard River at Fort Liard (NT)	2660.0	2993.8	3125.0	2971.4	2868.7	2773.5	2707.6	2651.0	2658.9	3037.7	3658.2	
				2210.5	1824.9	1696.9	1498.8	1396.2	1354.6	1333.5	1262.5	1206.1	1283.1	

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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

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