

**Hydrologic Forecasting and Water Management, Manitoba Infrastructure**

**DAILY FLOOD SHEET - Imperial  
Red River**

May 1, 2020

<http://www.gov.mb.ca/mit/floodinfo>

LOCATION	Today's Conditions		Change from Apr 30 (ft)	Forecasted Peak		DIKE ELEV (ft)	Existing Channel Capacity		2019 Spring Peak		Reference Years			
	FLOW (cfs)	LEVEL (ft)		LEVEL (ft)	DATE		FLOW (cfs)	LEVEL (ft)	FLOW (cfs)	LEVEL (ft)	2006		2011	
											FLOW (cfs)	LEVEL (ft)	FLOW (cfs)	LEVEL (ft)
Wahpeton, MN	2,080	8.35	-0.05				10.00	6,215	14.66	7,169	15.93		15.69	
Fargo, ND	3,360	17.15	+0.03				18.00	19,706	35.04	19,917	37.13		38.81	
Halstad, MN	9,020	15.33	-0.20					39,906	39.07	43,084	39.14		40.51	
Grand Forks, ND	13,600	25.22	-0.92				28.00	65,332	46.94	72,748	47.93		49.86	
Drayton, ND	27,400	37.44	-0.78				32.00	65,332	42.51	78,752	42.89		43.17	
Emerson	43,084	^784.21	-0.60	^P:788.9	Peaked on April 18	795.60	783.20	62,507	787.78	72,395	789.59	79,100	790.22	
Letellier		781.28	-0.40	P:783.9	Peaked on April 19	790.60	780.10		782.92		784.11		784.60	
St. Jean		775.70	-0.69	P:779.1	Peaked on April 21	788.00	771.60		777.58		781.02		781.26	
Morris - PTH 23		772.19	-0.72	P:775.7	Peaked on April 23	787.40	769.40		773.50		778.87		779.12	
Ste. Agathe	56,857	^764.29	-0.69	^P:767.0	Peaked on April 23	778.50	771.00	58,975	764.84		771.29	73,300	771.70	
St. Adolphe		760.54	-0.61	P:763.1	Peaked on April 23	775.50	757.50		760.68		766.62		767.08	
Above Floodway Inlet - Natural		757.19	-0.62											
Above Floodway Inlet - Actual		756.76	-0.59	P:759.2	Peaked on April 21	773.50	760.00		757.02		764.32	75,200	764.10	
Below Floodway		752.49	-0.27				752.00		752.21		754.25	39,900	755.26	
Floodway Channel	12,890											36,700		
Winnipeg - James Avenue	50,941	18.01	-0.23	P:19.0	Peaked on April 23	26.50	18.00		17.68		20.18	58,600	20.52	
Lockport - u/s Dam		728.08	-0.29				735.00		728.63		734.21			
Lockport - d/s Dam							735.00						732.60	
Selkirk - Dock	63,934	720.59	-0.29				727.50	88,640	725.62				727.33	
Selkirk - PTH 4							724.50						722.60	
Breezy Point		716.10	-0.11				718.00		720.52		718.75		719.97	

^Please note that the 2020 water levels on this Flood Sheet for Emerson and Ste. Agathe are reported to the CGVD28 vertical reference datum, whereas the Water Survey of Canada website reports the water levels at these locations to the CGVD2013 vertical reference datum. To convert the Emerson and Ste. Agathe water levels on this Flood Sheet to the values appearing on the Water Survey of Canada's website, subtract 0.469 m (1.54 ft) from this Flood Sheet's Emerson water level, and subtract 0.372 m (1.22 ft) from this Flood Sheet's Ste. Agathe water level.

P: Denotes a peaked value.

Hydrologic Forecasting and Water Management, Manitoba Infrastructure

**DAILY FLOOD SHEET - Metric  
Red River**

May 1, 2020

<http://www.gov.mb.ca/mit/floodinfo>

LOCATION	Today's Conditions		Change from Apr 30 (m)	Forecasted Peak		DIKE ELEV (m)	Existing Channel Capacity		2019 Spring Peak		Reference Years			
	FLOW (cms)	LEVEL (m)		LEVEL (m)	DATE		FLOW (cms)	LEVEL (m)	FLOW (cms)	LEVEL (m)	2006		2011	
											FLOW (cms)	LEVEL (m)	FLOW (cms)	LEVEL (m)
Wahpeton, MN	58.9	2.55	-0.02				3.05	176.0	4.47	203.0	4.86		4.78	
Fargo, ND	95.1	5.23	+0.01				5.49	558.0	10.68	564.0	11.32		11.83	
Halstad, MN	255.4	4.67	-0.06					1,130.0	11.91	1,220.0	11.93		12.35	
Grand Forks, ND	385.1	7.69	-0.28				8.53	1,850.0	14.31	2,060.0	14.61		15.20	
Drayton, ND	775.9	11.41	-0.24				9.75	1,850.0	12.96	2,230.0	13.07		13.16	
Emerson	1,220.0	^239.03	-0.18	^P:240.47	Peaked on April 18	242.50	238.72	1,770.0	240.12	2,050.0	240.67	2,239.9	240.86	
Letellier		238.14	-0.12	P:238.94	Peaked on April 19	240.97	237.77		238.63		239.00		239.15	
St. Jean		236.43	-0.21	P:237.48	Peaked on April 21	240.18	235.18		237.01		238.05		238.13	
Morris - PTH 23		235.36	-0.22	P:236.42	Peaked on April 23	240.00	234.51		235.76		237.40		237.48	
Ste. Agathe	1,610.0	^232.96	-0.21	^P:233.79	Peaked on April 23	237.29	235.00	1,670.0	233.12		235.09	2,075.6	235.21	
St. Adolphe		231.81	-0.18	P:232.60	Peaked on April 23	236.37	230.89		231.85		233.67		233.81	
Above Floodway Inlet - Natural		230.79	-0.19											
Above Floodway Inlet - Actual		230.66	-0.18	P:231.41	Peaked on April 21	235.76	231.65		230.74		232.97	2,129.4	232.90	
Below Floodway		229.36	-0.08				229.21		229.28		229.90	1,129.8	230.20	
Floodway Channel	365.0											1,039.2		
Winnipeg - James Avenue	1,442.0	5.49	-0.07	P:5.79	Peaked on April 23	8.08	5.49		5.39		6.15	1,659.4	6.26	
Lockport - u/s Dam		221.92	-0.09				224.03		222.09		223.79			
Lockport - d/s Dam							224.03						223.30	
Selkirk - Dock	1,810.0	219.64	-0.09				221.74	2,510.0	221.17				221.69	
Selkirk - PTH 4							220.83						220.25	
Breezy Point		218.27	-0.03				218.85		219.62		219.08		219.45	

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