

Hydrologic Forecasting and Water Management, Manitoba Infrastructure

**DAILY FLOOD SHEET - Imperial
Assiniboine River**

April 20, 2020

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

LOCATION	Today's Conditions		Change from Apr 19 (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)	FLOW (cfs)	LEVEL (ft)	FLOW (cfs)	LEVEL (ft)
Kamsack	865	15.62	+1.28						1,059	16.79				
Shell River near Inglis	57	1,438.94	+0.15				1,500		396	1,439.04				
Shellmouth Reservoir - Inflow	1,334													
- Level		1,396.49	+0.22					1,408.50		1,402.32				
- Conduit Flow	26													
- Spillway Flow	0													
- Total Outflow	26													
Shellmouth Bridge - d/s							1,600	1,353.00						
Russell - old Hwy 4	233	1,338.92	-0.13	P:1,342.9	Peaked on April 4		3,000	1,343.20	883	1,342.82				
Millwood - PR579 - d/s							1,700	1,323.00						
Qu'Appelle River near Welby, SK	95	5.27	-0.03	P:10.7	Peaked on March 31				720	9.70				
St. Lazare - PTH 41		1,274.10	-0.35			1,293.41	4,400	1,282.48		1,279.25				
Miniota		1,229.03	-0.45	P:1,235.8	Peaked on April 12		5,250	1,236.80	2,002	1,232.71				
Virden - PR 259							5,400	1,216.01		1,211.80				
Griswold - PTH 21		1,189.45	-0.99				5,900	1,196.40		1,192.58				
Brandon - 1st Street - d/s						1,184.50	8,200	1,172.00						
Brandon - 18th Street (WSC)	3,171	1,171.85	-0.62	P:1,174.1	Peaked on April 11	1,188.25	8,300	1,175.20	3,779	1,172.78				
Spruce Woods - PTH 5														
Holland	6,180	964.65	-0.02	P:965.4	Peaked on April 9		26,000	974.20	5,509					
Portage - u/s Diversion	6,039			P:7,400 cfs	Peaked on April 11		45,000							
Portage Diversion	318						25,000		3,885	855.99				
Portage - Bascule Gates	5,721							854.00	5,474					
Baie St. Paul Bridge		790.41	+0.52				18,000	800.20		794.53				
Lido Plage														
Headingley	5,474	762.30	+0.30						6,145	765.31				

P: Denotes a peaked value.

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**DAILY FLOOD SHEET - Metric
Assiniboine River**

April 20, 2020

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

LOCATION	Today's Conditions		Change from Apr 19 (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)	FLOW (cms)	LEVEL (m)	FLOW (cms)	LEVEL (m)	FLOW (cms)	LEVEL (m)
Kamsack	24.5	4.76	+0.39						30.0	5.12						
Shell River near Inglis	1.6	438.59	+0.05					42.5	11.2	438.62						
Shellmouth Reservoir - Inflow	37.8															
- Level		425.65	+0.07					429.31		427.43						
- Conduit Flow	0.7															
- Spillway Flow	0.0															
- Total Outflow	0.7															
Shellmouth Bridge - d/s							45.3	412.39								
Russell - old Hwy 4	6.6	408.10	-0.04	P:409.30	Peaked on April 4		85.0	409.41	25.0	409.29						
Millwood - PR579 - d/s							48.1	403.25								
Qu'Appelle River near Welby, SK	2.7	1.61	-0.01	P:3.26	Peaked on March 31				20.4	2.96						
St. Lazare - PTH 41		388.35	-0.11			394.23	124.6	390.90		389.92						
Miniota		374.61	-0.14	P:376.67	Peaked on April 12		148.7	376.98	56.7	375.73						
Virden - PR 259							152.9	370.64		369.36						
Griswold - PTH 21		362.55	-0.30				167.1	364.66		363.50						
Brandon - 1st Street - d/s						361.04	232.2	357.23								
Brandon - 18th Street (WSC)	89.8	357.18	-0.19	P:357.86	Peaked on April 11	362.18	235.0	358.20	107.0	357.46						
Spruce Woods - PTH 5																
Holland	175.0	294.02	-0.01	P:294.26	Peaked on April 9		736.2	296.94	156.0							
Portage - u/s Diversion	171.0			P:210 cms	Peaked on April 11		1,274.3									
Portage Diversion	9.0						707.9		110.0	260.91						
Portage - Bascule Gates	162.0							260.30	155.0							
Baie St. Paul Bridge		240.92	+0.16				509.7	243.90		242.17						
Lido Plage																
Headingley	155.0	232.35	+0.09						174.0	233.27						

P: Denotes a peaked value.