

Hydrologic Forecasting and Water Management, Manitoba Infrastructure & Transportation

Daily Water Levels, Flows and Forecasts

April 27, 2013

Assiniboine River

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

LOCATION	Today's Conditions		Change from Apr 26 (ft)	Total Rise (ft)	Forecasted Peak				DIKE ELEV (ft)	Existing Channel Capacity		Previous Peak Levels and Flows				
	FLOW (cfs)	LEVEL (ft)			Lower		Upper			DATE	FLOW (cfs)	LEVEL (ft)	1995		2006	
					FLOW (cfs)	LEVEL (ft)	FLOW (cfs)	LEVEL (ft)					FLOW (cfs)	LEVEL (ft)	FLOW (cfs)	LEVEL (ft)
Kamsack	174	11.2		1.3							18,000	1,430.0	7,500	27.4		
Shell River near Inglis		1,438.6		0.4							2,100	5.4	2,270	1,441.5		
Shellmouth Reservoir - Inflow	795										25,000		11,500			
Shellmouth Reservoir - Level		1,383.8		0.7		1,400.5		1,403.6			1,408.5		1,415.0		1,412.5	
Shellmouth Reservoir - Conduit Flow	103										6,000		2,500			
Shellmouth Reservoir - Spillway Flow											11,800		5,400			
Shellmouth Reservoir - Total Outflow	103										11,800		5,400			
Shellmouth Bridge - d/s																
Russell - old Hwy 4	238	1,338.2		0.3		1,341.6		1,348.5			3,000	1,343.2	12,700	1,352.0	5,400	1,347.9
Millwood - PR579 - d/s						1,319.0		1,327.0								
Qu'Appelle River near Welby, SK	457	9.5		1.9									4,600	16.3		12.5
St. Lazare - PTH 41						1,283.2		1,287.3								
Miniota	872	1,229.0		0.3		1,234.0		1,242.8			5,250	1,236.8	16,600	1,245.0	6,900	1,240.2
Virден		1,205.5		-0.1		1,214.0		1,217.0			5,400	1,213.3	18,000	1,218.4	6,800	1,215.0
Griswold - PTH 21		1,187.8		0.2		1,194.0		1,199.5			5,900	1,196.4	18,500	1,201.0		
Brandon - Grand Valley - d/s (WSC)	646	1,178.2		0.4												
Brandon - 1st Street - d/s						1,169.3		1,174.2								
Holland	1,650	964.0		0.3							26,000	974.2	25,000	973.6	21,300	972.8
Portage - u/s Diversion											45,000		25,100	866.2	20,800	
Portage Diversion											25,000		13,500		12,900	
Portage - Bascule Gates	1,390					844.0		847.5			854.0		12,000	847.9		
Baie St. Paul											18,000	800.2	12,000	795.9	9,400	794.1
PTH 1 East Whitehorse Bridge - Lido		767.8									775.0					
Headingley	1,860	761.3				764.5		767.3			30,000	772.5	12,000	766.0	9,500	765.9

Levels and flow information is real-time and may be affected by factors such as ice, wind, or equipment malfunction. Forecasts are for median to unfavourable conditions. Forecasts may be adjusted to reflect changes in forecasts or operation of control structures in upstream jurisdictions.



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LOCATION	Today's Conditions		Change from Apr 26 (m)	Total Rise (m)	Forecasted Peak				DIKE ELEV (m)	Existing Channel Capacity		Previous Peak Levels and Flows				
	FLOW (cms)	LEVEL (m)			Lower		Upper			DATE	FLOW (cms)	LEVEL (m)	1995		2006	
					FLOW (cms)	LEVEL (m)	FLOW (cms)	LEVEL (m)					FLOW (cms)	LEVEL (m)	FLOW (cms)	LEVEL (m)
Kamsack	4.93	3.40		0.38							509.7	435.86	212.4	8.35		
Shell River near Inglis		438.47		0.12							59.5	1.65	64.3	439.37		
Shellmouth Reservoir - Inflow	22.51										707.9		325.6			
- Level		421.77		0.20		426.87	427.81			429.31		431.29		430.53		
- Conduit Flow	2.92										169.9		70.8			
- Spillway Flow											334.1		152.9			
- Total Outflow	2.92										334.1		152.9			
Shellmouth Bridge - d/s																
Russell - old Hwy 4	6.75	407.89		0.09		408.92	411.02		85.0	409.41	359.6	412.09	152.9	410.84		
Millwood - PR579 - d/s						402.03	404.47									
Qu'Appelle River near Welby, SK	12.95	2.89		0.59							130.3	4.97		3.81		
St. Lazare - PTH 41						391.12	392.38									
Miniota	24.7	374.59		0.09		376.12	378.81		148.7	376.98	470.1	379.48	195.4	378.01		
Virден		367.45		-0.02		370.03	370.94		152.9	369.81	509.7	371.37	192.6	370.33		
Griswold - PTH 21		362.05		0.06		363.93	365.61		167.1	364.66	523.9	366.06				
Brandon - Grand Valley	18.3	359.12		0.12												
Brandon - 1st Street - d/s						356.40	357.90									
Holland	46.6	293.83		0.08					736.2	296.94	707.9	296.75	603.1	296.51		
Portage - u/s Diversion									1,274.3		710.8	264.02	589.0			
Portage Diversion									707.9		382.3		365.3			
Portage - Bascule Gates	39.5					257.25	258.32			260.30	339.8	258.44				
Baie St. Paul									509.7	243.90	339.8	242.58	266.2	242.04		
PTH 1 East - Lido Plage		234.03								236.22						
Headingley	52.8	232.05				233.02	233.87		849.5	235.46	339.8	233.48	269.0	233.45		

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