

Manitoba Water Stewardship--- Hydrologic Forecast Centre								Table 1.	
FORECAST SPRING PEAK STAGES FOR RED, ASSINIBOINE, SOURIS									
All Water Levels in Feet Above Sea Level Unless Noted									
March 20, 2008									
Predicted Spring Peak Stages					Flood	Dyke	Comparative		
**Weather Condition					Stage	Elevation	Spring Peak Water Levels		
Favourable		Average		Unfavourable	(Rural)	(Towns)			
RED RIVER (Flood Control Works in Operation)							2005	2006	2007
Emerson	773.0	778.0	784.0		783.2	794.0	782.8	789.5	782.2
Letellier	768.5	772.5	780.0		780.1	790.6	779.2	783.8	779.3
St.Jean	763.5	767.5	775.0		771.6	788.0	774.4	781.0	774.3
Morris	759.5	764.0	771.5		769.4	787.4	771.0	779.3	770.6
Ste. Agathe	752.0	758.0	764.0		771.0	778.5	765.0	771.0	762.7
St. Adolphe	748.0	753.0	759.0		757.5	775.5	761.8	766.6	757.2
Above Floodway Inlet	745.0	749.5	756.0		760.0		759.5	763.4	753.8
Below Floodway Inlet	743.5	747.5	751.0		752.0		753.2	753.0	752.2
Winnipeg-James Ave.	739.1	742.6	744.9		745.6	754.1	746.8	748.0	18.0
" (Above Datum)	11.5	15.0	17.3		18.0	26.5	19.2	20.4	745.6
N. Selkirk (Town Bridge)	717.5	719.0	722.0		725.0			721.0	731.2
ASSINIBOINE RIVER (Flood Control Works in Operation)							2005	2006	2007
Shellmouth	1348.5	1350.0	1352.0		1353.0		1248.6	1359.0	1355.0
Russell	1340.0	1341.0	1342.5		1343.2		1341.1	1347.8	1342.9
Millwood	1320.0	1321.5	1323.0		1321.6				
St. Lazare	1277.5	1279.0	1283.5		1283.7	1293.4	1285	1285.4	1284.7
Miniota	1229.0	1232.0	1236.0		1236.8		1242.7	1240.2	1242.8
Virден	1203.0	1207.0	1212.0		1213.5		1218.4	1215	1216.3
Griswold	1188.0	1191.0	1195.0		1196.4		1200.5	1196.9	1199.2
Brandon (1st Street)	1165.5	1167.0	1169.5		1172.0		1174.3	1170.4	1174.5
Portage Inflow 1st Peak	# 5000	# 8000	# 14000				#29,000	#20,800	#15,000
--2nd Peak-no ice-(cfs)	2,000	3,500	5,500				15,500	13,000	5,400
Diversion 1st Peak (cfs)	0	# 3000	# 8000				#19,300	#13,000	#7700
Portage la P.(Southport)	841.0	843.0	844.5		848.0		845.9	843.7	843.3
Baie St. Paul	789.5	791.5	793.5		796.0		796	794.3	795.1
Former P.R. 412	778.0	780.5	782.5		783.0				
PTH 1 east-(Lido Plage)	770.5	773.0	775.0		775.0		775.5	774.7	774.0
Headingley	762.5	764.0	765.0		767.5		766.0	765.9	765.2
SOURIS RIVER							2005	2006	2007
Coulter	1403.0	1404.0	1406.0		1406.5				
Melita (PTH #3)	1395.5	1397.5	1400.0		1401.6		1404.3	1403.9	1398.6
Napinka	1390.0	1392.0	1394.0		1394.1		1397.7	1397.0	1392.4
Hartney (u/s Dam)	1372.0	1375.0	1377.0		1379.0		1381.5		1376.2
Souris (u/s Dam)	1348.1	1348.7	1349.2		1354.0		1350.1		
Wawanesa	1144.0	1145.0	1147.0		1155.0		1150.5	#1154.4	1150.3
Notes:	Effect of stationary ice on peak stages is included, but effect of possible ice jams is not included.								
	** --Favourable-- refers to a combination of future weather conditions whose severity has been exceeded 90% of the time during the past 40 years---(lower decile condition)								
	--Average-- same as above except has been exceeded 50% of the time---(median condition)								
	--Unfavourable-- same as above except has been exceeded 10% of the time---(upper decile condition)								
	# This represents a brief peak due to an ice jam surge, usually just a few hours in duration.								