

Manitoba Water Stewardship--- Hydrologic Forecast Centre							Table 1.		
FORECAST SPRING PEAK STAGES FOR MAJOR RIVERS									
All Water Levels in Feet Above Sea Level Unless Noted									
March 22, 2006									
Predicted Spring Peak Stages					Flood	Dyke	Comparative		
**Weather Condition					Stage	Elevation	Peak Water Levels		
Favourable Average Unfavourable					(Rural)	(Towns)			
RED RIVER (Flood Control Works in Operation)							1997	2001	2005
									(Spring)
Emerson	783.0	788.0	790.0	783.2	794.0	792.5	787.6	782.8	
Letellier	780.0	783.0	785.0	780.1	790.6	787.7	782.8	779.2	
St.Jean	775.0	779.0	782.0	771.6	788.0	784.3	778.8	774.4	
Morris	770.0	775.5	780.0	769.4	787.4	783.3	775.1	771.0	
Ste. Agathe	763.0	768.0	772.5	771.8	778.5	776.5	767.6	765.0	
St. Adolphe	759.5	763.5	767.0	757.5	775.5	772.5	763.4	761.8	
Above Floodway Inlet	756.0	760.0	764.3	760.0		771.5	760.3	759.5	
Below Floodway Inlet	751.5	753.0	753.8	752.0		761.1	752.2	753.2	
Winnipeg-James Ave.	745.4	746.6	747.1	745.6	754.1	752.1	746.1	746.8	
" (Above Datum)	17.8	19.0	19.5	18.0	26.5	24.5	18.5	19.2	
N. Selkirk (at PTH #4)	720.5	723.5	726.0	723.5		726.2	722.7	722.0	
									(Spring)
ASSINIBOINE RIVER (Flood Control Works in Operation)							1995	1997	2005
Shellmouth	1351.8	1352.8	1354.4	1353.0		1360.8	1353.4	1248.6	
Russell	1341.5	1341.5	1344.5	1343.2		1352.0	1341.6	1341.1	
Millwood	1321.5	1323.0	1325.5	1321.6		1332.1			
St. Lazare	1283.0	1285.0	1287.0	1283.7	1293.4	1288.8	1283.4	1285.0	
Miniota	1236.5	1242.0	1243.5	1236.8		1245.0	1238.3	1242.7	
Virden	1212.5	1217.0	1218.5	1213.5		1218.4	1214.3	1218.4	
Griswold	1195.5	1199.0	1200.5	1196.4		1201.0	1197.4	1200.5	
Brandon (1st St.)	1170.0	1174.0	1176.0	1172.0		1178.8	1171.5	1174.3	
Portage Inflow 1st Peak	#12000	#20000	#27000			#25,000	#29,500	#29,000	
--2nd Peak-no ice-(cfs)	5,000	11,000	18,000			24,300	10,000	15,500	
Diversion 1st Peak (cfs)	8,000	13,000	17,000			13,800	#20000	#19300	
Portage la P.(Southport)	842.0	844.5	846.2	848.0		847.9		845.9	
Baie St. Paul	793.0	795.0	796.0	796.0		795.9	800.4	796.0	
Former P.R. 412	780.5	782.0	783.5	783.0					
PTH 1 east-(Lido Plage)	772.5	774.5	776.0	775.0				775.5	
Headingley	764.0	765.5	766.5	767.5		766.0	769.4	766.0	
SOURIS RIVER							1999	2001	2005
Coulter	1404.5	1406.5	1409.0	1406.5		1417.6			
Melita (PTH #3)	1398.5	1401.8	1403.8	1401.6		1409.6	1407.1	1404.3	
Napinka	1392.0	1394.0	1396.3	1394.1		1402.4	1398.4	1397.7	
Hartney (u/s Dam)	1374.5	1377.5	1379.7	1379.0		1387.7	1382	1381.5	
Souris (u/s Dam)	1347.7	1349.0	1350.0	1354.0		1354.2	1351.5	1350.1	
Wawanesa	1145.0	#1149.0	#1152.0	1155.0		#1152.8	#1153.6	#1154.4	
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.								