

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									
February 23, 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	780.0	785.0	789.0		783.2	794.0	792.5	787.6	782.8
Letellier	777.0	781.0	784.0		780.1	790.6	787.7	782.8	779.2
St.Jean	771.0	776.0	780.5		771.6	788.0	784.3	778.8	774.4
Morris	766.0	773.0	777.0		769.4	787.4	783.3	775.1	771.0
Ste. Agathe	759.0	767.0	770.0		771.8	778.5	776.5	767.6	765.0
St. Adolphe	755.5	762.5	765.5		757.5	775.5	772.5	763.4	761.8
Above Floodway Inlet	751.0	759.5	762.0		760.0		771.5	760.3	759.5
Below Floodway Inlet	750.8	752.5	752.5		752.0		761.1	752.2	753.2
Winnipeg-James Ave.	743.1	745.6	746.6		745.6	754.1	752.1	746.1	746.8
" (Above Datum)	15.5	18.0	19.0		18.0	26.5	24.5	18.5	19.2
N. Selkirk (at PTH #4)	718.5	722.0	724.0		723.5		726.2	722.7	
									(Spring)
ASSINIBOINE RIVER (Flood Control Works in Operation)							1995	1997	2005
Shellmouth	1350.0	1351.5	1353.5		1352.0		1360.8	1353.4	1248.6
Russell	1339.0	1341.0	1342.4		1343.2		1352.0	1341.6	1341.1
Millwood	1319.2	1321.5	1323.6		1321.6		1332.1		
St. Lazare	1280.0	1283.0	1286.2		1283.7	1293.4	1288.8	1283.4	1285.0
Miniota	1230.6	1236.0	1242.2		1236.8		1245.0	1238.3	1242.7
Virden	1205.5	1212.3	1217.8		1213.5		1218.4	1214.3	1218.4
Griswold	1189.7	1195.0	1200.0		1196.4		1201.0	1197.4	1200.5
Brandon (1st St.)	1167.0	1170.5	1174.5		1172.0		1178.8	1171.5	1174.3
Portage Inflow 1st Peak	#9000	#15000	#25000				#25,000	#29,500	#29,000
--2nd Peak-no ice-(cfs)	4,000	7,000	15,000				24,300	10,000	15,500
Diversion 1st Peak (cfs)	0	#7000	#15000				13,800	#20000	#19300
Portage la P.(Southport)	841.5	843.5	846.2		848.0		847.9		845.9
Baie St. Paul	791.0	792.7	795.8		796.0		795.9	800.4	796.0
Former P.R. 412	779.5	781.0	783.0		783.0				
PTH 1 east-(Lido Plage)	772.0	773.5	775.5		775.0				775.5
Headingley	763.5	764.6	766.5		767.5		766.0	769.4	766.0
SOURIS RIVER							1999	2001	2005
Coulter	1405.5	1407.5	1411.0		1406.5		1417.6		
Melita (PTH #3)	1399.5	1402.8	1405.8		1401.6		1409.6	1407.1	1404.3
Napinka	1393.0	1395.0	1398.3		1394.1		1402.4	1398.4	1397.7
Hartney (u/s Dam)	1375.5	1378.5	1381.7		1379.0		1387.7	1382	1381.5
Souris (u/s Dam)	1348.7	1349.5	1350.5		1354.0		1354.2	1351.5	1350.1
Wawanesa	1146.0	#1151.0	#1153.0		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.								