

DETAILED SPRING FLOOD OUTLOOK FOR SMALLER WATERSHEDS

****Based on Favourable, Average and Unfavourable Weather Conditions**

February 23, 2006

(All Flows in Cubic Feet per Second)

Table 2

Stream Location	**Predicted Spring Peak Flow			Bankfull (no ice)	Largest Peaks on Record^ (Year)					Recent Spring Peaks	
	Favourable	Average	Unfavourable							2001	2004
Red River Watershed:											
Aux Marais - Christie	300	600	1,100	500	920(2002)	980(1992)	1200(1996)	1300(1979)	2600(1974)	390	760
Boyne River - Stephenfield	900	1,800	3,300	2,500	2500(1969)	2500(1923)	3700(1970)	4200(1979)	4700(1974)	1,300	2,200
LaSalle River - Sanford	1,200	2,400	4,100	3,500	4000(1956)	4200(1979)	4300(1974)	4400(1997)	4400(1970)	3,800	3,600
Morris River - Rosenort	1,000	2,200	4,000	*5,000	4200(1987)	4400(1996)	4600(2004)	4700(1970)	5900(1974)	4,200	4,700
Buffalo Creek - Rosenfeld	1,100	2,200	4,000	3,000	4400(1996)	4900(1974)	5400(1971)	7000(1979)	7800(1997)	800	5,300
Deadhorse Creek - Rosenfeld	1,100	2,100	4,000	4,000	5000(1996)	6400(1997)	6400(1971)	9000(1974)	10200(1979)	2,500	3,600
Rat River - Otterburne	1,000	2,000	3,000	2,500	3400(1923)	4600(1927)	5000(2002)	5900(1950)	6100(1997)	1,900	1,400
Roseau River - Dominion City	1,300	2,500	4,000	*4,500	5000(1927)	5100(1974)	5400(1997)	6000(2002)	8100(1950)	4,700	3,400
Seine River - Prairie Grove	600	1,300	2,200	1,500	1200(1969)	1900(2004)	2000(1979)	2100(1997)	2200(1974)	1,100	1,900
Seine River Diversion - PTH 59	2,100	4,400	7,000	4,000	3600(2004)	3800(1996)	4200(1998)	4700(1967)	8100(1997)	2,800	4,100
Tourond Creek - Tourond	200	400	800	650	550(2004)	610(1979)	860(2002)	900(1997)	950(1974)	400	540
Seine River at St. Anne (u/s Div.)	900	1,600	2,500	2,000	1000(1966)	1000(2001)	1100(1979)	2100(1974)	3000(1997)	1,000	980
Cooks Creek u/s Diversion				1,200	270(2004)	470(1998)	500(2001)	700(1996)	1850(1997)	500	-
Assiniboine River Watershed:											
Birdtail Creek - Birtle	300	800	1,500	1,500	1500(1970)	1600(1976)	1700(2001)	1700(1979)	2400(1995)	1,700	440
Conjuring Creek - Russell	30	100	250	300	230(1992)	260(1979)	270(2003)	400(1995)	440(1974)	150	45
Gopher Creek - Virden	30	200	500	800	430(1996)	470(1974)	580(1995)	610(1969)	1600(1976)	-	1
Little Sask. River - Rivers	700	1,600	2,500	3,000	3100(1979)	3100(1970)	3200(1995)	3300(1947)	3600(1969)	2,900	900
Oak River - Rivers	300	500	900	1,400	670(1995)	680(1974)	830(1976)	1200(1979)	1200(1969)	590	160
Qu'Appelle River - Welby	900	2,300	4,100	*5,000	3800(2001)	3900(1996)	4600(1995)	5900(1976)	8900(1955)	3,800	360
Sturgeon Creek - Winnipeg	1,200	1,700	2,200	1,700	2100(1987)	2200(1997)	2200(1996)	2200(1979)	2900(1974)	1,500	1,700
Omands Creek - Metro Route 90 ^	150	250	400	500	260(1993)	330(1983)	490(1962)	500(1979)	600(1997)	-	250
Souris River Watershed:											
Antler River - Melita	50	200	1,000	1,500	2200(1996)	2600(1974)	2600(1948)	3700(1969)	4200(1976)	-	38
Elgin Creek - Souris	100	300	700	1,000	1000(1999)	1100(2001)	1400(1974)	1900(1976)	1900(1996)	1,100	350
Gainsborough Creek - Lyleton	30	150	500	1,000	1000(1999)	1100(1996)	1500(1969)	1600(1974)	3100(1976)	490	9
Medora Creek - Napinka	30	100	250	500	580(1969)	740(2001)	760(1999)	1000(1996)	1400(1976)	740	350
Pipestone Creek -PTH 83	200	600	1,500	2,000	2600(1974)	2600(1955)	3500(1996)	4000(1969)	5400(1976)	2,600	60
Waskada Creek - Cranmer	20	60	150	300	310(1975)	310(1985)	350(1979)	360(1996)	680(1976)	200	-

** Favourable and unfavourable weather refers to the lower decile and upper decile condition respectively for melt rate and precipitation.

* Flooding could occur with lesser flows at these stations due to possible backwater from nearby rivers.

Note: Peak stage on any stream could be briefly higher than implied by the peak flow if channel becomes blocked by ice or debris.

^ Some of the values are summer peaks.

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(All Flows in Cubic Feet per Second)

Table 2 continued

Stream Location	Predicted Spring Peak Flow			Bankfull (no Ice)	Largest Peaks on Record ^ (Year)					Recent Spring Peaks	
	Low	Median	High							2001	2004
Pembina River Watershed:											
Pembina River - Windygates	600	1,600	3,400	7,000	6700(1998)	7300(1995)	8100(1969)	11200(1974)	13500(1997)	3,700	3,800
Badger Creek - Cartwright	400	1,100	2,500	2,500	3600(1997)	3700(1995)	5600(1979)	5600(1974)	7300(1969)	2,400	890
Cypress Creek - Clearwater	300	800	1,700	1,700	1900(1976)	2000(1982)	2400(1974)	2600(1971)	2700(1997)	1,400	1,300
Interlake & Eastern:											
Brokenhead River - Beausejour	700	1,600	2,700	4,000	2900(1960)	3000(2001)	3500(1950)	4100(1997)	5800(1974)	1,300	1,300
East Fisher River - Hodgson	400	860	1,400	1,200	1200(1986)	1400(1963)	2200(1976)	2300(1974)	2500(1979)	-	-
Fisher River - Peguis Townsite	1,200	2,200	3,600	2,200	3000(1976)	3100(2001)	3100(1986)	3700(1974)	4200(1979)	3,100	2,500
Icelandic River - Riverton	1,500	3,000	4,500	5,500	3700(1960)	4300(1976)	4600(1986)	5500(1979)	7200(1974)	3,400	3,200
Whitemouth River - Whitemouth	1,500	3,000	5,500	5,000	6400(2002)	7000(1996)	7500(1950)	8400(1974)	10200(1997)	3,200	2,900
Westlake-ThePas:											
Big Grass River - Glenella	300	900	1,700	2,000	2900(1969)	3200(2001)	3400(1979)	3700(1970)	3900(1976)	3,200	880
Carrot River - Turnberry (Pasquia)	4,000	6,500	8,500	*8,000	7800(1997)	8000(1972)	8500(1985)	8500(1979)	8700(1974)	540	-
Ochre River - Ochre River	300	900	1,700	3,000	2600(1969)	3000(1971)	3200(1953)	3800(1986)	7500(1975)	2,100	330
Pine Creek - Pine Cr.Station	200	500	1,200	800	1000(1969)	1100(1960)	1400(1970)	1500(1965)	1600(1979)	-	-
Red Deer River - Sask Bndry	5,000	10,000	16,000	10,000	13000(1957)	13800(1965)	15500(1972)	16800(1955)	16900(1954)	380	5,100
Swan River - Minnionas	2,000	3,800	6,600	7,000	7000(1979)	7200(1997)	7700(1974)	7700(1983)	8500(1995)	3,400	5,700
Turtle River - Laurier	300	900	1,600	3,500	3000(1971)	3100(1953)	3600(1974)	7100(1986)	8000(1975)	2,700	1,800
Valley River - Grandview	700	1,600	3,000	3,000	2000(1971)	2800(1983)	3000(1995)	3000(1979)	3100(1974)	-	-
Vermilion River - Dauphin	1,000	2,300	4,000	6,000	3600(1957)	5200(1956)	5400(1975)	5800(1979)	6000(1974)	2,200	1,200
West Squirrel Creek - Austin	90	200	350	400	260(1965)	260(1974)	290(1969)	340(1962)	550(1970)	-	-
Whitemud River - Keyes	800	1,900	3,500	3,500	4000(1969)	4600(1960)	4900(1974)	6400(1979)	7300(1970)	2,500	630
Whitemud River - Westbourne	1,500	2,600	5,300	6,000	5400(1996)	6300(1976)	6500(2001)	8600(1974)	10800(1979)	6,500	3,400
Wilson River - Ashville	1,000	2,300	4,000	5,000	3400(1999)	3400(1998)	4100(1995)	5400(1983)	5800(1979)	2,500	570
Woody River - Bowsman	1,500	3,000	5,500	6,000	4900(1974)	5400(1972)	6000(1983)	8100(1993)	9800(1988)	910	3,300

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