APPENDICES A AND B
OF THE REPORT TO
THE INTERNATIONAL JOINT COMMISSION
ON
THE DIVISION OF THE WATERS OF
THE ST. MARY AND MILK RIVERS
FOR THE YEAR 2006

Submitted By

Timothy Goos

Representing Canada

And

William J. Carswell, Jr.

Representing the United States

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Contributors

The data contained in these appendices are the culmination of a concerted effort by personnel of the Alberta and Saskatchewan Districts of the Water Survey Division, Environment Canada and the United States Geological Survey, Montana Water Science Center.

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APPENDIX A

TABLE OF CONTENTS

			Page
Table	6.	Natural Flow and Water Division of St. Mary River at International Boundary for the year 2006	1
Table	7.	Historical Summary of Computed Natural Flow – St. Mary River at International Boundary	9
Table	8.	Summary of Daily Net Change, Natural Flow, Evaporative and Net Consumptive Uses of Milk River at Eastern Crossing of the International Boundary for the year 2006	12
Table	9.	Historical Summary of March Through October Computed Natural Flow – Milk River at Eastern Crossing of International Boundary	21
Table	10.	Natural Flow of Lodge Creek at the International Boundary for the year 2006	23
Table	11.	Historical Summary of March Through October Computed Natural and Recorded Flow – Lodge Creek at International Boundary	29
Table	12.	Natural Flow of Battle Creek at the International Boundary for the year 2006	30
Table	13.	Historical Summary of March Through October Computed Natural and Recorded Flow – Battle Creek at the International Boundary	35
Table	14.	Natural Flow of Frenchman River at the International Boundary for the year 2006	36
Table	15.	Historical Summary of March Through October Computed Natural and Recorded Flow – Frenchman River at the International Boundary	40

Table 6 NATURAL FLOW AND WATER DIVISION OF ST. MARY RIVER AT INTERNATIONAL BOUNDARY
MARCH 2006
(QUANTITIES IN CUBIC DECAMETRES)

DAY	CHANGE IN CONTENTS OF LAKE SHERBURNE (WITH 1 DAY LAG)	DIVERTED BY ST. MARY CANAL	TOTAL USED BY UNITED STATES	ST.MARY RIVER NATURAL FLOW AT INTERNATIONAL BOUNDARY	NATURAL FLOW AT INTERNATIONAL BOUNDARY	SHARES OF NATURAL FLOW UNITED STATES	SHARES OF NATURAL FLOW CANADA	FLOW IN EXCESS OR DEFICIT (-) OF CANADIAN SHARE
1	245	0	245	391	636	318	318	73
2	157	0	157	391	548	274	274	117
3	142	0	142	416	558	279	279	137
4	-88	0	-88	416	328	164	164	252
5	-333	0	-333	440	107	54	53	387
6	-384	0	-384	465	81	40	41	424
7	-572	308	-264	465	201	101	100	365
8	-795	435	-360	294	0	0	0	294
9	-925	401	-524	208	0	0	0	208
10	-917	587	-330	294	0	0	0	294
11	-1 025	788	-237	489	252	126	126	363
12	-966	761	-205	563	358	179	179	384
13	-937	734	-203	636	433	216	217	419
14	-861	710	-151	734	583	292	291	443
15	-643	687	44	758	802	401	401	357
S.TOTAL	-7 902	5 411	-2 491	6 960	4 887	2 444	2 443	4 517
MEAN	-527	361	-166	464	326	163	163	301
16	-697	710	13	661	674	337	337	324
17	-734	969	235	440	675	337	338	102
18	-893	1 028	135	367	502	251	251	116
19	-927	1 010	83	294	377	189	188	106
20	-856	1 010	154	318	472	236	236	82
21	-925	1 020	95	250	345	172	173	77
22	-891	1 028	137	232	369	185	184	48
23	-984	1 062	78	325	403	201	202	123
24	-1 037	1 116	79	377	456	228	228	149
25	-1 069	1 167	98	458	556	278	278	180
26	-976	1 209	233	509	742	371	371	138
27	-925	1 226	301	394	695	348	347	47
28	-1 018	1 226	208	372	580	290	290	82
29	-1 069	1 236	167	362	529	264	265	97
30	-1 001	1 245	244	369	613	307	306	63
31	-981	1 245	264	391	655	327	328	63
S.TOTAL	-14 983	17 507	2 524	6 119	8 643	4 321	4 322	1 797
MEAN	-936	1 094	158	382	540	270	270	112
TOTAL	-22 885	22 918	33	13 079	13 530	6 765	6 765	6 314
MEAN	-738	739	1.1	422	436	218	218	204

APPROVED BY FIELD REPRESENTATIVES FOR THE UNITED STATES AND CANADA

Table 6 (Continued)

NATURAL FLOW AND WATER DIVISION OF ST. MARY RIVER AT INTERNATIONAL BOUNDARY
APRIL 2006
(QUANTITIES IN CUBIC DECAMETRES)

DAY	CHANGE IN CONTENTS OF LAKE SHERBURNE (WITH 1 DAY LAG)	DIVERTED BY ST. MARY CANAL	TOTAL USED BY UNITED STATES	ST.MARY RIVER AT INTERNATIONAL BOUNDARY	NATURAL FLOW AT INTERNATIONAL BOUNDARY	SHARES OF NATURAL FLOW		FLOW IN EXCESS OR DEFICIT (-) OF CANADIAN SHARE
						UNITED STATES	CANADA	
1	-957	1 245	288	399	687	172	515	-116
2	-922	1 245	323	406	729	182	547	-141
3	-876	1 174	298	431	729	182	547	-116
4	-692	986	294	597	891	223	668	-71
5	-465	859	394	866	1 260	315	945	-79
6	-396	873	477	1 037	1 514	378	1 136	-99
7	-343	873	530	1 167	1 697	441	1 256	-89
8	-367	864	497	1 096	1 593	398	1 195	-99
9	-274	864	590	1 037	1 627	407	1 220	-183
10	-154	851	697	976	1 673	429	1 244	-268
11	-196	849	653	922	1 575	394	1 181	-259
12	-181	959	778	864	1 642	414	1 228	-364
13	-286	1 150	864	798	1 662	424	1 238	-440
14	-372	1 140	768	883	1 651	418	1 233	-350
15	-181	1 287	1 106	871	1 977	581	1 396	-525
S.TOTAL	-6 662	15 219	8 557	12 350	20 907	5 358	15 549	-3 199
MEAN	-444	1 015	570	823	1 394	357	1 037	-213
16	-218	1 314	1 096	891	1 987	586	1 401	-510
17	-369	1 331	962	903	1 865	525	1 340	-437
18	-409	1 331	922	905	1 827	506	1 321	-416
19	-492	1 331	839	910	1 749	467	1 282	-372
20	-465	1 314	849	922	1 771	478	1 293	-371
21	-499	1 314	815	935	1 750	468	1 282	-347
22	-399	1 314	915	971	1 886	536	1 350	-379
23	-247	1 314	1 067	1 062	2 129	657	1 472	-410
24	-259	1 314	1 055	1 123	2 178	682	1 496	-373
25	-367	1 392	1 025	1 062	2 087	636	1 451	-389
26	-426	1 580	1 154	883	2 037	611	1 426	-543
27	-497	1 590	1 093	913	2 006	596	1 410	-497
28	-541	1 598	1 057	944	2 001	593	1 408	-464
29	-418	1 625	1 207	998	2 205	695	1 510	-512
30	-203	1 632	1 429	1 165	2 594	890	1 704	-539
S.TOTAL	-5 809	21 294	15 485	14 587	30 072	8 926	21 146	-6 559
MEAN	-387	1 420	1 032	972	2 005	595	1 410	-437
TOTAL	-12 471	36 513	24 042	26 937	50 979	14 284	36 695	-9 758
MEAN	-416	1 217	801	898	1 699	476	1 223	-325

APPROVED BY FIELD REPRESENTATIVES FOR THE UNITED STATES AND CANADA

Table 6 (Continued)

NATURAL FLOW AND WATER DIVISION OF ST. MARY RIVER AT INTERNATIONAL BOUNDARY

MAY 2006

(QUANTITIES IN CUBIC DECAMETRES)

DAY	CHANGE IN CONTENTS OF LAKE SHERBURNE (WITH 1 DAY LAG)	DIVERTED BY ST. MARY CANAL	TOTAL USED BY UNITED STATES	ST.MARY RIVER AT INTERNATIONAL BOUNDARY	NATURAL FLOW AT INTERNATIONAL BOUNDARY	SHARES OF NATURAL FLOW		FLOW IN EXCESS OR DEFICIT (-) OF CANADIAN SHARE
						UNITED STATES	CANADA	
1	203	1 642	1 845	1 546	3 391	1 288	2 103	-557
2	406	1 659	2 065	1 842	3 907	1 546	2 361	-519
3	-264	1 659	1 395	2 077	3 472	1 329	2 143	-66
4	-487	1 659	1 172	2 182	3 354	1 270	2 084	98
5	-648	1 659	1 011	2 146	3 157	1 171	1 986	160
6	-680	1 659	979	2 067	3 046	1 116	1 930	137
7	-707	1 651	944	2 053	2 997	1 091	1 906	147
8	-516	1 651	1 135	2 087	3 222	1 204	2 018	69
9	-411	1 651	1 240	2 050	3 290	1 238	2 052	-2
10	-590	1 642	1 052	1 979	3 031	1 108	1 923	56
11	-651	1 642	991	1 899	2 890	1 038	1 852	47
12	-546	1 642	1 096	1 886	2 982	1 084	1 898	-12
13	-607	1 642	1 035	1 837	2 872	1 029	1 843	-6
14	-458	1 632	1 174	1 847	3 021	1 103	1 918	-71
15	-360	1 642	1 282	1 933	3 215	1 200	2 015	-82
S.TOTAL	-6 316	24 732	18 416	29 431	47 847	17 815	30 032	-601
MEAN	-421	1 649	1 228	1 962	3 190	1 188	2 002	-40.1
16	-183	1 642	1 459	2 221	3 680	1 433	2 247	-26
17	303	1 632	1 935	2 740	4 675	1 930	2 745	-5
18	1 160	1 651	2 811	3 401	6 212	2 699	3 513	-112
19	1 987	1 676	3 663	4 233	7 896	3 541	4 355	-122
20	2 588	1 703	4 291	4 942	9 233	4 209	5 024	-82
21	2 801	1 727	4 528	5 529	10 057	4 621	5 436	93
22	2 904	1 693	4 597	6 288	10 885	5 035	5 850	438
23	2 679	1 598	4 277	6 679	10 956	5 071	5 885	794
24	2 395	1 590	3 985	6 728	10 713	4 949	5 764	964
25	2 261	1 590	3 851	6 434	10 285	4 735	5 550	884
26	1 943	1 580	3 523	6 165	9 688	4 437	5 251	914
27	1 845	1 580	3 425	5 701	9 126	4 156	4 970	731
28	1 527	1 573	3 100	5 456	8 556	3 871	4 685	771
29	1 282	1 546	2 828	4 820	7 648	3 417	4 231	589
30	1 150	1 539	2 689	4 208	6 897	3 041	3 856	352
31	1 145	1 590	2 735	3 670	6 405	2 795	3 610	60
S.TOTAL	27 787	25 910	53 697	79 215	132 912	59 940	72 972	6 243
MEAN	1 737	1 619	3 356	4 951	8 307	3 746	4 561	390
TOTAL	21 471	50 642	72 113	108 646	180 759	77 755	103 004	5 642
MEAN	693	1 634	2 326	3 505	5 831	2 508	3 323	182

APPROVED BY FIELD REPRESENTATIVES FOR THE UNITED STATES AND CANADA

Table 6 (Continued)

NATURAL FLOW AND WATER DIVISION OF ST. MARY RIVER AT INTERNATIONAL BOUNDARY
JUNE 2006
(QUANTITIES IN CUBIC DECAMETRES)

DAY	CHANGE IN CONTENTS OF LAKE SHERBURNE (WITH 1 DAY LAG)	DIVERTED BY ST. MARY CANAL	TOTAL USED BY UNITED STATES	ST.MARY RIVER NATURAL FLOW AT INTERNATIONAL BOUNDARY	NATURAL FLOW AT INTERNATIONAL BOUNDARY	SHARES OF NATURAL FLOW UNITED STATES	SHARES OF NATURAL FLOW CANADA	FLOW IN EXCESS OR DEFICIT (-) OF CANADIAN SHARE
1	1 321	1 580	2 901	3 425	6 326	2 756	3 570	-145
2	1 351	1 573	2 924	3 376	6 300	2 743	3 557	-181
3	1 446	1 580	3 026	3 645	6 671	2 928	3 743	-98
4	2 136	1 598	3 734	4 110	7 844	3 515	4 329	-219
5	2 170	1 615	3 785	4 526	8 311	3 748	4 563	-37
6	2 109	1 625	3 734	5 040	8 774	3 980	4 794	246
7	2 053	1 615	3 668	5 260	8 928	4 057	4 871	389
8	1 634	1 625	3 259	5 285	8 544	3 865	4 679	606
9	1 622	1 632	3 254	5 236	8 490	3 838	4 652	584
10	1 659	1 651	3 310	6 312	9 622	4 404	5 218	1 094
11	2 266	1 659	3 925	7 046	10 971	5 078	5 893	1 153
12	1 943	1 659	3 602	6 850	10 452	4 819	5 633	1 217
13	1 522	1 651	3 173	6 361	9 534	4 360	5 174	1 187
14	1 478	1 615	3 093	9 150	12 243	5 714	6 529	2 621
15	2 921	1 392	4 313	9 493	13 806	6 496	7 310	2 183
S.TOTAL	27 631	24 070	51 701	85 115	136 816	62 301	74 515	10 600
MEAN	1 842	1 605	3 447	5 674	9 121	4 153	4 968	707
16	2 542	1 392	3 934	10 545	14 479	6 832	7 647	2 898
17	2 312	1 375	3 687	11 523	15 210	7 198	8 012	3 511
18	624	1 355	1 979	11 719	13 698	6 442	7 256	4 463
19	-242	1 365	1 123	10 104	11 227	5 206	6 021	4 083
20	-242	1 512	1 270	8 636	9 906	4 546	5 360	3 276
21	201	1 573	1 774	6 875	8 649	3 917	4 732	2 143
22	484	1 539	2 023	5 554	7 577	3 381	4 196	1 358
23	773	1 512	2 285	4 526	6 811	2 998	3 813	713
24	883	1 485	2 368	3 866	6 234	2 710	3 524	342
25	893	1 468	2 361	3 425	5 786	2 486	3 300	125
26	878	1 461	2 339	3 181	5 520	2 353	3 167	14
27	905	1 451	2 356	3 083	5 439	2 312	3 127	-44
28	382	1 478	1 860	3 352	5 212	2 199	3 013	339
29	169	1 563	1 732	3 572	5 304	2 245	3 059	513
30	105	1 573	1 678	3 719	5 397	2 291	3 106	613
S.TOTAL	10 667	22 102	32 769	93 680	126 449	57 116	69 333	24 347
MEAN	711	1 473	2 185	6 245	8 430	3 808	4 622	1 623
TOTAL	38 298	46 172	84 470	178 795	263 265	119 417	143 848	34 947
MEAN	1 277	1 539	2 816	5 960	8 776	3 981	4 795	1 165

APPROVED BY FIELD REPRESENTATIVES FOR THE UNITED STATES AND CANADA

Table 6 (Continued)

NATURAL FLOW AND WATER DIVISION OF ST. MARY RIVER AT INTERNATIONAL BOUNDARY

JULY 2006

(QUANTITIES IN CUBIC DECAMETRES)

DAY	CHANGE IN CONTENTS OF LAKE SHERBURNE (WITH 1 DAY LAG)	DIVERTED BY ST. MARY CANAL	TOTAL USED BY UNITED STATES	ST.MARY RIVER NATURAL FLOW AT INTERNATIONAL BOUNDARY	NATURAL FLOW AT INTERNATIONAL BOUNDARY	SHARES OF NATURAL FLOW UNITED STATES	SHARES OF NATURAL FLOW CANADA	FLOW IN EXCESS OR DEFICIT (-) OF CANADIAN SHARE
1	-42	1 573	1 531	3 694	5 225	2 205	3 020	674
2	-169	1 563	1 394	3 645	5 039	2 112	2 927	718
3	-86	1 556	1 470	3 572	5 042	2 114	2 928	644
4	-105	1 546	1 441	3 425	4 866	2 026	2 840	585
5	-149	1 539	1 390	3 229	4 619	1 902	2 717	512
6	-188	1 529	1 341	3 009	4 350	1 768	2 582	427
7	0	1 522	1 522	2 716	4 238	1 712	2 526	190
8	188	1 512	1 700	2 496	4 196	1 691	2 505	-9
9	108	1 502	1 610	2 332	3 942	1 564	2 378	-46
10	42	1 495	1 537	2 221	3 758	1 472	2 286	-65
11	0	1 495	1 495	2 168	3 663	1 424	2 239	-71
12	-210	1 485	1 275	2 040	3 315	1 250	2 065	-25
13	20	1 478	1 498	1 877	3 375	1 280	2 095	-218
14	-64	1 461	1 397	1 673	3 070	1 128	1 942	-269
15	-210	1 451	1 241	1 483	2 724	955	1 769	-286
S.TOTAL	-865	22 707	21 842	39 580	61 422	24 603	36 819	2 761
MEAN	-57.7	1 514	1 456	2 639	4 095	1 640	2 455	184
16	0	1 443	1 443	1 328	2 771	978	1 793	-465
17	-169	1 443	1 274	1 321	2 595	890	1 705	-384
18	-629	1 443	814	1 387	2 201	693	1 508	-121
19	-546	1 443	897	1 421	2 318	752	1 566	-145
20	-624	1 443	819	1 412	2 231	708	1 523	-111
21	-807	1 443	636	1 399	2 035	610	1 425	-26
22	-881	1 443	562	1 431	1 993	589	1 404	27
23	-971	1 443	472	1 443	1 915	550	1 365	78
24	-939	1 443	504	1 483	1 987	586	1 401	82
25	-793	1 443	650	1 576	2 226	706	1 520	56
26	-881	1 426	545	1 512	2 057	621	1 436	76
27	-871	1 434	563	1 451	2 014	600	1 414	37
28	-944	1 434	490	1 409	1 899	542	1 357	52
29	-1 015	1 434	419	1 458	1 877	531	1 346	112
30	-1 084	1 426	342	1 456	1 798	492	1 306	150
31	-1 343	1 409	66	1 402	1 468	367	1 101	301
S.TOTAL	-12 497	22 993	10 496	22 889	33 385	10 215	23 170	-281
MEAN	-781	1 437	656	1 431	2 087	638	1 448	-17.6
TOTAL	-13 362	45 700	32 338	62 469	94 807	34 818	59 989	2 480
MEAN	-431	1 474	1 043	2 015	3 058	1 123	1 935	80

APPROVED BY FIELD REPRESENTATIVES FOR THE UNITED STATES AND CANADA

Table 6 (Continued)

NATURAL FLOW AND WATER DIVISION OF ST. MARY RIVER AT INTERNATIONAL BOUNDARY
AUGUST 2006
(QUANTITIES IN CUBIC DECAMETRES)

DAY	CHANGE IN CONTENTS OF LAKE SHERBURNE (WITH 1 DAY LAG)	DIVERTED BY ST. MARY CANAL	TOTAL USED BY UNITED STATES	ST.MARY RIVER NATURAL FLOW AT INTERNATIONAL BOUNDARY	NATURAL FLOW AT INTERNATIONAL BOUNDARY	SHARES OF NATURAL FLOW UNITED STATES	SHARES OF NATURAL FLOW CANADA	FLOW IN EXCESS OR DEFICIT (-) OF CANADIAN SHARE
1	-1 238	1 409	171	1 324	1 495	374	1 121	203
2	-1 228	1 399	171	1 248	1 419	355	1 064	184
3	-1 272	1 392	120	1 160	1 280	320	960	200
4	-1 228	1 382	154	1 094	1 248	312	936	158
5	-1 201	1 375	174	993	1 167	292	875	118
6	-1 211	1 365	154	937	1 091	273	818	119
7	-1 108	1 365	257	881	1 138	284	854	27
8	-1 138	1 355	217	834	1 051	263	788	46
9	-1 177	1 355	178	832	1 010	252	758	74
10	-1 079	1 348	269	795	1 064	266	798	-3
11	-1 123	1 331	208	812	1 020	255	765	47
12	-1 074	1 338	264	746	1 010	252	758	-12
13	-1 015	1 348	333	707	1 040	260	780	-73
14	-1 001	1 338	337	663	1 000	250	750	-87
15	-1 008	1 321	313	634	947	237	710	-76
S.TOTAL	-17 101	20 421	3 320	13 660	16 980	4 245	12 735	925
MEAN	-1 140	1 361	221	911	1 132	283	849	61.7
16	-1 013	1 338	325	629	954	238	716	-87
17	-1 028	1 348	320	636	956	239	717	-81
18	-991	1 331	340	636	976	244	732	-96
19	-1 020	1 331	311	587	898	224	674	-87
20	-988	1 321	333	541	874	218	656	-115
21	-993	1 314	321	521	842	210	632	-111
22	-1 057	1 314	257	521	778	194	584	-63
23	-1 094	1 314	220	533	753	188	565	-32
24	-1 157	1 331	174	514	688	172	516	-2
25	-1 189	1 331	142	526	668	167	501	25
26	-1 123	1 331	208	531	739	185	554	-23
27	-1 111	1 331	220	511	731	183	548	-37
28	-1 118	1 321	203	497	700	175	525	-28
29	-1 108	1 321	213	475	688	172	516	-41
30	-1 057	1 321	264	472	736	184	552	-80
31	-1 074	1 314	240	445	685	171	514	-69
S.TOTAL	-17 121	21 212	4 091	8 575	12 666	3 164	9 502	-927
MEAN	-1 070	1 326	256	536	792	198	594	-57.9
TOTAL	-34 222	41 633	7 411	22 235	29 646	7 409	22 237	-2
MEAN	-1 104	1 343	239	717	956	239	717	-0.06

APPROVED BY FIELD REPRESENTATIVES FOR THE UNITED STATES AND CANADA

Table 6 (Continued)

NATURAL FLOW AND WATER DIVISION OF ST. MARY RIVER AT INTERNATIONAL BOUNDARY
SEPTEMBER 2006
(QUANTITIES IN CUBIC DECAMETRES)

DAY	CHANGE IN CONTENTS OF LAKE SHERBURNE (WITH 1 DAY LAG)	DIVERTED BY ST. MARY CANAL	TOTAL USED BY UNITED STATES	ST.MARY RIVER NATURAL FLOW AT INTERNATIONAL BOUNDARY	NATURAL FLOW AT INTERNATIONAL BOUNDARY	SHARES OF NATURAL FLOW		FLOW IN EXCESS OR DEFICIT (-) OF CANADIAN SHARE
						UNITED STATES	CANADA	
1	-1 226	1 314	88	448	536	134	402	46
2	-1 145	1 314	169	435	604	151	453	-18
3	-1 121	1 304	183	418	601	150	451	-33
4	-1 145	1 304	159	396	555	139	416	-20
5	-1 145	1 297	152	384	536	134	402	-18
6	-1 128	1 297	169	389	558	140	418	-29
7	-1 280	1 297	17	440	457	114	343	97
8	-1 319	1 297	-22	475	453	113	340	135
9	-1 294	1 297	3	484	487	122	365	119
10	-1 272	1 287	15	487	502	126	376	111
11	-1 284	1 287	3	472	475	119	356	116
12	-1 240	1 280	40	455	495	124	371	84
13	-1 478	1 280	-198	555	357	89	268	287
14	-1 492	1 280	-212	607	395	99	296	311
15	-1 336	1 218	-118	673	555	139	416	257
S.TOTAL	-18 905	19 353	448	7 118	7 566	1 893	5 673	1 445
MEAN	-1 260	1 290	29.9	475	504	126	378	96.3
16	-1 275	1 089	-186	727	541	135	406	321
17	-1 204	1 010	-194	739	545	136	409	330
18	-1 152	942	-210	756	546	136	410	346
19	-1 133	780	-353	859	506	126	380	479
20	-998	771	-227	812	585	146	439	373
21	-837	629	-208	849	641	160	481	368
22	-648	345	-303	1 057	754	188	566	491
23	-201	130	-71	991	920	230	690	301
24	164	7	171	888	1 059	265	794	94
25	93	4	97	790	887	222	665	125
26	213	0	213	714	927	232	695	19
27	91	0	91	678	769	192	577	101
28	242	0	242	680	922	230	692	-12
29	132	0	132	697	829	207	622	75
30	186	0	186	695	881	220	661	34
S.TOTAL	-6 327	5 707	-620	11 932	11 312	2 825	8 487	3 445
MEAN	-422	380	-41.3	795	754	188	566	230
TOTAL	-25 232	25 060	-172	19 050	18 878	4 718	14 160	4 890
MEAN	-841	835	-5.7	635	629	157	472	163

APPROVED BY FIELD REPRESENTATIVES FOR THE UNITED STATES AND CANADA

Table 6 (Continued)

NATURAL FLOW AND WATER DIVISION OF ST. MARY RIVER AT INTERNATIONAL BOUNDARY
OCTOBER 2006
(QUANTITIES IN CUBIC DECAMETRES)

DAY	CHANGE IN CONTENTS OF LAKE SHERBURNE (WITH 1 DAY LAG)	DIVERTED BY ST. MARY CANAL	TOTAL USED BY UNITED STATES	ST.MARY RIVER AT INTERNATIONAL BOUNDARY	NATURAL FLOW AT INTERNATIONAL BOUNDARY	SHARES OF NATURAL FLOW		FLOW IN EXCESS OR DEFICIT (-) OF CANADIAN SHARE
						UNITED STATES	CANADA	
1	215	0	215	678	893	223	670	8
2	49	0	49	648	697	174	523	125
3	169	0	169	629	798	200	598	31
4	171	0	171	612	783	196	587	25
5	161	0	161	609	770	192	578	31
6	125	0	125	595	720	180	540	55
7	135	0	135	568	703	176	527	41
8	115	0	115	560	675	169	506	54
9	135	0	135	560	695	174	521	39
10	115	0	115	543	658	164	494	49
11	98	0	98	521	619	155	464	57
12	105	0	105	511	616	154	462	49
13	98	0	98	489	587	147	440	49
14	98	0	98	475	573	143	430	45
15	117	0	117	460	577	144	433	27
S.TOTAL	1 906	0	1 906	8 458	10 364	2 591	7 773	685
MEAN	127	0.0	127	564	691	173	518	45.7
16	69	0	69	472	541	135	406	66
17	88	0	88	470	558	140	418	52
18	137	0	137	480	617	154	463	17
19	120	0	120	465	585	146	439	26
20	69	0	69	477	546	136	410	67
21	139	0	139	487	626	156	470	17
22	108	0	108	472	580	145	435	37
23	181	0	181	465	646	162	484	-19
24	59	0	59	445	504	126	378	67
25	51	0	51	428	479	120	359	69
26	120	0	120	440	560	140	420	20
27	71	0	71	426	497	124	373	53
28	61	0	61	416	477	119	358	58
29	81	0	81	396	477	119	358	38
30	71	0	71	367	438	110	328	39
31	152	0	152	343	495	124	371	-28
S.TOTAL	1 577	0	1 577	7 049	8 626	2 156	6 470	579
MEAN	98.6	0.0	98.6	441	539	135	404	36.2
TOTAL	3 483	0	3 483	15 507	18 990	4 747	14 243	1 264
MEAN	112	0.0	112	500	613	153	459	40.8

NATURAL FLOW OF ST. MARY RIVER

APPROVED BY:

FOR THE UNITED STATES

FOR CANADA

Table 7: HISTORICAL SUMMARY OF COMPUTED NATURAL FLOW ST. MARY RIVER AT INTERNATIONAL BOUNDARY
(VALUES IN CUBIC DECAMETRES)

Period	Computed Natural Flow		Share April to October	
	Non - Irrigation Season (Nov to Mar)	Irrigation Season (Apr to Oct)	United States	Canada
1902 - 1903	71,500	1,030,000	434,000	599,000
1903 - 1904	119,000	685,000	270,000	415,000
1904 - 1905	48,300	570,000	212,000	357,000
1905 - 1906	63,600	631,000	236,000	395,000
1906 - 1907	153,000	970,000	403,000	567,000
1907 - 1908	77,000	1,120,000	485,000	638,000
1908 - 1909	80,500	969,000	409,000	560,000
1909 - 1910	108,000	680,000	258,000	422,000
1910 - 1911	120,000	803,000	319,000	484,000
1911 - 1912	72,900	624,000	235,000	389,000
1912 - 1913	85,900	850,000	346,000	503,000
1913 - 1914	72,200	654,000	245,000	409,000
1914 - 1915	104,000	654,000	243,000	411,000
1915 - 1916	135,000	973,000	406,000	568,000
1916 - 1917	72,600	807,000	330,000	477,000
1917 - 1918	113,000	631,000	240,000	391,000
1918 - 1919	61,300	477,000	176,000	301,000
1919 - 1920	75,300	715,000	281,000	435,000
1920 - 1921	89,000	785,000	315,000	469,000
1921 - 1922	79,800	698,000	282,000	416,000
1922 - 1923	58,200	719,000	283,000	436,000
1923 - 1924	63,400	642,000	251,000	391,000
1924 - 1925	97,000	889,000	365,000	524,000
1925 - 1926	60,700	459,000	153,000	306,000
1926 - 1927	92,300	1,150,000	495,000	659,000
1927 - 1928	138,000	906,000	373,000	532,000
1928 - 1929	81,500	527,000	200,000	327,000
1929 - 1930	64,600	661,000	258,000	402,000
1930 - 1931	47,900	461,000	166,000	296,000
1931 - 1932	103,000	636,000	250,000	387,000
1932 - 1933	83,200	793,000	322,000	471,000
1933 - 1934	208,000	776,000	318,000	458,000
1934 - 1935	168,000	577,000	221,000	355,000
1935 - 1936	37,000	512,000	194,000	317,000
1936 - 1937	42,000	618,000	247,000	371,000
1937 - 1938	80,500	706,000	284,000	422,000
1938 - 1939	73,200	497,000	185,000	312,000
1939 - 1940	46,600	449,000	158,000	291,000

continued ...

Table 7 (continued): HISTORICAL SUMMARY OF COMPUTED NATURAL FLOW ST. MARY RIVER AT INTERNATIONAL BOUNDARY
(VALUES IN CUBIC DECAMETRES)

Period	Computed Natural Flow		Share April to October	
	Non - Irrigation Season (Nov to Mar)	Irrigation Season (Apr to Oct)	United States	Canada
1940 - 1941	40,500	413,000	136,000	277,000
1941 - 1942	116,000	661,000	255,000	406,000
1942 - 1943	78,200	834,000	343,000	490,000
1943 - 1944	44,800	392,000	132,000	261,000
1944 - 1945	57,300	624,000	247,000	377,000
1945 - 1946	94,800	661,000	255,000	405,000
1946 - 1947	107,000	771,000	303,000	468,000
1947 - 1948	88,000	894,000	379,000	516,000
1948 - 1949	43,700	563,000	210,000	353,000
1949 - 1950	119,000	946,000	396,000	550,000
1950 - 1951	174,000	1,090,000	459,000	633,000
1951 - 1952	102,000	638,000	247,000	391,000
1952 - 1953	77,100	971,000	415,000	556,000
1953 - 1954	77,200	982,000	410,000	571,000
1954 - 1955	97,800	727,000	293,000	434,000
1955 - 1956	110,000	805,000	327,000	478,000
1956 - 1957	73,200	673,000	273,000	400,000
1957 - 1958	72,200	655,000	254,000	400,000
1958 - 1959	115,000	882,000	355,000	526,000
1959 - 1960	118,000	596,000	227,000	368,000
1960 - 1961	72,200	699,000	276,000	423,000
1961 - 1962	74,900	611,000	230,000	381,000
1962 - 1963	123,000	630,000	248,000	382,000
1963 - 1964	54,700	942,000	396,000	546,000
1964 - 1965	83,900	828,000	334,000	494,000
1965 - 1966	87,700	712,000	280,000	432,000
1966 - 1967	81,500	840,000	354,000	487,000
1967 - 1968	117,000	721,000	281,000	440,000
1968 - 1969	97,400	670,000	262,000	408,000
1969 - 1970	66,400	739,000	306,000	433,000
1970 - 1971	83,100	851,000	351,000	500,000
1971 - 1972	107,000	929,000	383,000	546,000
1972 - 1973	67,400	502,000	189,000	313,000
1973 - 1974	131,000	850,000	354,000	496,000
1974 - 1975	50,000	1,020,000	437,000	587,000
1975 - 1976	149,000	717,000	283,000	434,000
1976 - 1977	46,900	406,000	131,000	275,000
1977 - 1978	72,800	767,000	303,000	463,000
1978 - 1979	75,200	612,000	240,000	371,000
1979 - 1980	45,100	680,000	265,000	415,000

continued ...

Table 7 (continued): HISTORICAL SUMMARY OF COMPUTED NATURAL FLOW ST. MARY RIVER AT INTERNATIONAL BOUNDARY
(VALUES IN CUBIC DECAMETRES)

Period	Computed Natural Flow		Share April to October	
	Non - Irrigation Season (Nov to Mar)	Irrigation Season (Apr to Oct)	United States	Canada
1980 - 1981	134,000	675,000	271,000	404,000
1981 - 1982	57,200	686,000	274,000	412,000
1982 - 1983	60,000	518,000	194,000	324,000
1983 - 1984	83,100	534,000	196,000	338,000
1984 - 1985	50,500	671,000	255,000	416,000
1985 - 1986	165,000	589,000	216,000	374,000
1986 - 1987	86,600	601,000	228,000	373,000
1987 - 1988	39,400	496,000	182,000	314,000
1988 - 1989	80,700	775,000	308,000	467,000
1989 - 1990	197,000	738,000	290,000	448,000
1990 - 1991	138,000	905,000	381,000	524,000
1991 - 1992	59,200	478,000	164,000	314,000
1992 - 1993	75,100	630,000	235,000	395,000
1993 - 1994	79,800	534,000	202,000	332,000
1994 - 1995	92,400	878,000	365,000	513,000
1995 - 1996	234,000	782,000	314,000	467,000
1996 - 1997	94,100	917,000	378,000	539,000
1997 - 1998	62,400	632,000	252,000	380,000
1998 - 1999	60,600	698,000	274,000	424,000
1999 - 2000	158,000	548,000	204,000	345,000
2000 - 2001	33,000	418,000	156,000	262,000
2001 - 2002	69,000	981,000	420,000	562,000
2002 - 2003	69,700	534,000	201,000	333,000
2003 - 2004	62,000	639,000	239,000	400,000
2004 - 2005	120,000	592,000	223,000	369,000
2005 - 2006	106,000	657,000	263,000	394,000
AVERAGE 1903 - 2005	89,000	711,000	282,000	429,000

Table 8:

Summary of Daily
Net Change, Natural Flow, Evaporative and Net Consumptive Uses of
Milk River at Eastern Crossing of International Boundary
March, 2006

Date at Eastern Crossing	Natural Flow at Western Crossing	East to West Net Change	Incremental Evapotranspiration. Loss	Total Consumptive Use		Natural Flow at Eastern Crossing	Share		Excess / Deficit to U.S.	Cumulative Excess / Deficit to U.S.
				U.S.	Canada		U.S.	Canada		
	C9,T2	C10,T2	C8,T4	C3,T3	C8,T3				(9-6)	
1	2	3	4	5	6	7	8	9	10	11
Deficit carry over from previous division period										#N/A
Note: Eligible June 01 to September 15 accumulated carry over is 4900 dam^3 (2000 cfs-days).										
Mar 01	-	-	0.0	0.0	0.0	73.4	36.7	36.7	36.7	36.7
Mar 02	-	-	0.0	0.0	0.0	73.4	36.7	36.7	36.7	73.4
Mar 03	-	-	0.0	0.0	0.0	85.6	42.8	42.8	42.8	116.3
Mar 04	-	-	0.0	0.0	0.0	73.4	36.7	36.7	36.7	153.0
Mar 05	-	-	0.0	0.0	0.0	85.6	42.8	42.8	42.8	195.8
Mar 06	69.7	-	0.0	0.0	0.0	97.6	48.8	48.8	48.8	244.6
Mar 07	63.2	-	0.0	0.0	0.0	109.7	54.9	54.9	54.9	299.5
Mar 08	61.5	-	0.0	0.0	0.0	134.8	67.4	67.4	67.4	366.9
Mar 09	57.3	-	0.0	0.0	0.0	159.0	79.5	79.5	79.5	446.3
Mar 10	68.4	-	0.0	0.0	0.0	146.9	73.4	73.4	73.4	519.8
Mar 11	99.0	52.2	0.0	0.0	0.0	151.3	75.6	75.6	75.6	595.4
Mar 12	136.6	-19.5	0.0	0.0	0.0	117.1	58.6	58.6	58.6	654.0
Mar 13	167.6	-79.3	0.0	0.0	0.0	88.3	44.1	44.1	44.1	698.1
Mar 14	139.3	-110.5	0.0	0.0	0.0	28.8	14.4	14.4	14.4	712.5
Mar 15	113.4	-457.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	712.5
15day Total	*976.1*	*-615.0*	*0.0*	*0.0*	*0.0*	*1425.0*	*712.5*	*712.5*	*712.5*	
Deficit carry over from previous division period										*#N/A*
Note: Eligible June 01 to September 15 accumulated carry over is 4900 dam^3 (2000 cfs-days).										
Mar 16	93.6	-589.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mar 17	87.4	-680.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mar 18	90.0	-420.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mar 19	93.6	88.9	0.0	0.0	0.0	182.5	91.2	91.2	91.2	91.2
Mar 20	100.2	598.7	0.0	0.0	0.0	698.9	349.4	349.4	349.4	440.7
Mar 21	113.9	514.7	0.0	0.0	0.0	628.6	314.3	314.3	314.3	755.0
Mar 22	118.2	425.0	0.0	0.0	0.0	543.3	271.6	271.6	271.6	1026.6
Mar 23	126.8	702.9	0.0	0.0	0.0	829.8	414.9	414.9	414.9	1441.5
Mar 24	108.0	1329.7	0.0	0.0	0.0	1437.7	718.8	718.8	718.8	2160.3
Mar 25	135.3	933.1	0.0	0.0	0.0	1068.4	534.2	534.2	534.2	2694.6
Mar 26	133.6	1118.9	0.0	0.0	0.0	1252.5	626.2	626.2	626.2	3320.8
Mar 27	156.5	1457.5	0.0	0.0	0.0	1614.0	807.0	807.0	807.0	4127.8
Mar 28	323.0	939.3	0.0	0.0	0.0	1262.3	631.2	631.2	631.2	4759.0
Mar 29	702.4	1448.1	0.0	0.0	0.0	2150.5	1075.2	1075.2	1075.2	5834.2
Mar 30	1003.0	500.4	0.0	0.0	0.0	1503.4	751.7	751.7	751.7	6585.9
Mar 31	1177.2	85.2	28.6	0.0	0.0	1290.9	645.5	645.5	645.5	7231.3
16day Total	*4562.7*	*8452.4*	*28.6*	*0.0*	*0.0*	*14462.7*	*7231.3*	*7231.3*	*7231.3*	
Deficit carry over from previous division period										#N/A
Note: Eligible June 01 to September 15 accumulated carry over is 4900 dam3 (2000 cfs-days).										
Mar Totals	*5538.7*	*7837.5*	*28.6*	*0.0*	*0.0*	*15887.7*	*7943.9*	*7943.9*	*7943.9*	

All figures in cubic decametres.

Grey areas indicate natural flow equal to the recorded flow at the gauge (11AA031) Milk River at Eastern Crossing.

Five day lag period is applied between west and east to determine natural flow at Eastern Crossing.

APPROVED BY THE FIELD REPRESENTATIVES OF CANADA AND THE UNITED STATES

Table 8 (Continued) Summary of Daily

Net Change, Natural Flow, Evaporative and Consumptive Uses of Milk River at Eastern Crossing of International Boundary

April , 2006

Date at Eastern Crossing	Natural Flow at Western Crossing	East to West Net Change	Incremental Evapotranspiration Loss	Total Consumptive Use		Natural Flow at Eastern Crossing	Share		Excess / Deficit to U.S.	Cumulative Excess / Deficit to U.S.
				U.S.	Canada		U.S.	Canada		
	C9,T2	C10,T2	C8,T4	C3,T3	C8,T3				(9-6)	
1	2	3	4	5	6	7	8	9	10	11
				Deficit carry over from previous division period						#N/A
				Note: Eligible June 01 to September 15 accumulated carry over is 4900 dam^3 (2000 cfs-days).						
Apr 01	1273.5	-328.3	25.1	0.0	0.0	970.4	727.8	242.6	242.6	242.6
Apr 02	835.6	2.5	27.8	0.0	0.0	865.9	649.4	216.5	216.5	459.1
Apr 03	694.7	602.5	37.6	0.0	0.0	1334.7	1001.0	333.7	333.7	792.7
Apr 04	614.9	478.0	35.0	0.0	0.0	1127.9	845.9	282.0	282.0	1074.7
Apr 05	942.3	86.2	37.2	0.0	0.0	1065.7	799.3	266.4	266.4	1341.1
Apr 06	999.2	-32.5	32.6	0.0	0.0	999.3	749.4	249.8	249.8	1591.0
Apr 07	982.5	-75.6	30.0	0.0	0.0	936.9	702.7	234.2	234.2	1825.2
Apr 08	924.1	491.6	39.1	0.0	0.0	1454.8	1091.1	363.7	363.7	2188.9
Apr 09	744.0	1421.4	51.8	0.0	0.0	2217.2	1517.2	700.0	700.0	2888.9
Apr 10	1006.7	734.1	38.6	0.0	0.0	1779.4	1298.3	481.1	481.1	3370.0
Apr 11	1640.1	-471.9	30.1	0.0	0.0	1198.3	898.7	299.6	299.6	3669.6
Apr 12	1817.1	-612.3	24.9	0.0	0.0	1229.7	922.3	307.4	307.4	3977.0
Apr 13	1302.7	-159.9	20.2	0.0	0.0	1163.0	872.2	290.7	290.7	4267.8
Apr 14	1092.5	-88.2	17.3	0.0	0.0	1021.6	766.2	255.4	255.4	4523.2
Apr 15	873.5	95.8	17.1	0.0	0.0	986.4	739.8	246.6	246.6	4769.8
15day Total	*15743.5*	*2143.2*	*464.5*	*0.0*	*0.0*	*18351.2*	*13581.4*	*4769.8*	*4769.8*	
				Deficit carry over from previous division period						#N/A
				Note: Eligible June 01 to September 15 accumulated carry over is 4900 dam^3 (2000 cfs-days).						
Apr 16	775.6	92.7	16.7	0.0	0.0	884.9	663.7	221.2	221.2	221.2
Apr 17	676.3	254.1	18.3	0.0	0.0	948.7	711.5	237.2	237.2	458.4
Apr 18	585.1	217.3	25.8	0.0	0.0	828.1	621.1	207.0	207.0	665.4
Apr 19	557.6	205.7	29.4	0.0	0.0	792.8	594.6	198.2	198.2	863.6
Apr 20	517.7	223.3	35.0	0.0	0.0	776.1	582.1	194.0	194.0	1057.7
Apr 21	507.6	67.4	28.5	0.0	0.0	603.5	452.6	150.9	150.9	1208.5
Apr 22	484.9	84.4	27.1	0.0	0.0	596.4	447.3	149.1	149.1	1357.6
Apr 23	425.8	119.1	49.9	0.0	0.0	594.8	446.1	148.7	148.7	1506.3
Apr 24	386.7	80.7	43.5	0.0	0.0	510.8	383.1	127.7	127.7	1634.0
Apr 25	354.1	97.9	48.7	0.0	0.0	500.6	375.5	125.2	125.2	1759.2
Apr 26	309.4	117.8	70.0	0.0	0.0	497.3	373.0	124.3	124.3	1883.5
Apr 27	320.1	101.7	36.5	0.0	0.0	458.3	343.7	114.6	114.6	1998.1
Apr 28	358.1	45.9	40.6	0.0	0.0	444.6	333.4	111.1	111.1	2109.2
Apr 29	392.0	72.5	27.4	0.0	0.0	492.0	369.0	123.0	123.0	2232.2
Apr 30	351.9	202.9	31.0	0.0	0.0	585.8	439.3	146.4	146.4	2378.7
15day Total	*7002.9*	*1983.4*	*528.4*	*0.0*	*0.0*	*9514.7*	*7136.1*	*2378.7*	*2378.7*	
				Deficit carry over from previous division period						#N/A
				Note: Eligible June 01 to September 15 accumulated carry over is 4900 dam^3 (2000 cfs-days).						
Apr Totals	*22746.5*	*4126.6*	*992.9*	*0.0*	*0.0*	*27865.9*	*20717.4*	*7148.5*	*7148.5*	

All figures in cubic decametres.

Five day lag period is applied between west and east to determine natural flow at Eastern Crossing.

APPROVED BY THE FIELD REPRESENTATIVES OF CANADA AND THE UNITED STATES

Table 8 (Continued) Summary of Daily

Net Change, Natural Flow, Evaporative and Consumptive Uses of Milk River at Eastern Crossing of International Boundary

May , 2006

Date at Eastern Crossing	Natural Flow at Western Crossing	East to West Net Change	Incremental Evapotranspiration Loss	Total Consumptive Use		Natural Flow at Eastern Crossing	Share		Excess / Deficit to U.S.	Cumulative Excess / Deficit to U.S.
				U.S.	Canada		U.S.	Canada		
	C9,T2	C10,T2	C8,T4	C3,T3	C8,T3				(9-6)	
1	2	3	4	5	6	7	8	9	10	11
Deficit carry over from previous division period										#N/A
Note: Eligible June 01 to September 15 accumulated carry over is 4900 dam^3 (2000 cfs-days).										
May 01	314.0	100.1	41.0	0.0	0.0	455.1	341.3	113.8	113.8	113.8
May 02	289.9	59.2	22.4	0.0	0.0	371.6	278.7	92.9	92.9	206.7
May 03	288.5	-23.6	31.3	0.0	0.0	296.2	222.1	74.0	74.0	280.7
May 04	287.9	-118.4	41.2	0.0	0.0	210.7	158.0	52.7	52.7	333.4
May 05	302.1	-211.9	64.9	0.0	0.0	155.0	116.3	38.8	38.8	372.2
May 06	312.2	-132.3	53.9	0.0	0.0	233.9	175.4	58.5	58.5	430.6
May 07	352.6	-106.0	61.8	0.0	0.0	308.5	231.4	77.1	77.1	507.7
May 08	383.1	-139.9	32.4	0.0	0.0	275.6	206.7	68.9	68.9	576.6
May 09	396.0	-154.3	35.8	0.0	0.0	277.6	208.2	69.4	69.4	646.0
May 10	370.1	-166.0	41.6	0.0	0.0	245.7	184.3	61.4	61.4	707.5
May 11	321.3	-166.2	58.2	0.0	0.0	213.3	160.0	53.3	53.3	760.8
May 12	286.3	-93.7	51.4	0.0	0.0	244.1	183.0	61.0	61.0	821.8
May 13	265.2	-81.3	62.8	0.0	0.0	246.6	184.9	61.6	61.6	883.5
May 14	264.2	-93.3	71.8	0.0	0.0	242.8	182.1	60.7	60.7	944.1
May 15	266.9	-101.5	76.0	0.0	0.0	241.4	181.0	60.3	60.3	1004.5
15day Total	*4700.4*	*-1428.9*	*746.5*	*0.0*	*0.0*	*4018.0*	*3013.5*	*1004.5*	*1004.5*	
Deficit carry over from previous division period										#N/A
Note: Eligible June 01 to September 15 accumulated carry over is 4900 dam^3 (2000 cfs-days).										
May 16	256.8	-83.7	81.8	100.2	61.3	416.5	312.4	104.1	42.8	42.8
May 17	237.7	-100.2	90.4	100.2	61.3	389.5	292.1	97.4	36.1	78.9
May 18	227.4	-94.3	83.4	100.2	61.3	378.0	283.5	94.5	33.2	112.1
May 19	218.3	-143.6	61.0	100.2	61.3	297.2	222.9	74.3	13.0	125.1
May 20	215.5	-58.9	61.2	100.2	61.3	379.3	284.5	94.8	33.5	158.6
May 21	214.4	-148.2	65.4	100.2	61.3	293.1	219.8	73.3	12.0	170.6
May 22	213.3	-47.3	95.9	100.2	61.3	423.4	317.5	105.8	44.5	215.1
May 23	203.0	-109.4	81.3	100.2	61.3	336.4	252.3	84.1	22.8	237.9
May 24	189.9	-260.5	77.1	100.2	61.3	168.0	126.0	42.0	-19.3	218.6
May 25	179.5	-190.2	25.7	100.2	61.3	176.6	132.4	44.1	-17.2	201.4
May 26	173.1	-231.7	9.2	100.2	61.3	112.1	84.1	28.0	-33.3	168.2
May 27	164.6	-217.5	23.9	100.2	61.3	132.5	99.4	33.1	-28.2	140.0
May 28	163.8	-46.0	43.6	100.2	61.3	322.9	242.2	80.7	19.4	159.4
May 29	158.4	150.2	40.5	100.2	61.3	510.5	382.9	127.6	66.3	225.7
May 30	145.1	111.4	70.4	100.2	61.3	488.3	366.3	122.1	60.8	286.5
May 31	148.2	-49.7	65.9	100.2	61.3	326.0	244.5	81.5	20.2	306.7
16day Total	*3108.9*	*-1519.5*	*976.8*	*1603.2*	*980.8*	*5150.1*	*3862.6*	*1287.5*	*306.7*	
Deficit carry over from previous division period										#N/A
Note: Eligible June 01 to September 15 accumulated carry over is 4900 dam^3 (2000 cfs-days).										
May Totals	*7809.2*	*-2948.4*	*1723.2*	*1603.2*	*980.8*	*9168.1*	*6876.1*	*2292.0*	*1311.2*	

All figures in cubic decametres.

Five day lag period is applied between west and east to determine natural flow at Eastern Crossing.

APPROVED BY FIELD REPRESENTATIVES FOR CANADA AND THE UNITED STATES

Table 8 (Continued) Summary of Daily Net Change, Natural Flow, Evaporative and Consumptive Uses of Milk River at Eastern Crossing of International Boundary

June , 2006

Date at Eastern Crossing	Natural Flow at Western Crossing	East to West Net Change	Incremental Evapotranspiration Loss	Total Consumptive Use		Natural Flow at Eastern Crossing	Share		Excess / Deficit to U.S.	Cumulative Excess / Deficit to U.S.
				U.S.	Canada		U.S.	Canada		
	C9,T2	C10,T2	C8,T4	C3,T3	C8,T3				(9-6)	
1	2	3	4	5	6	7	8	9	10	11
Deficit carry over from previous division period										#N/A
Note: Eligible June 01 to September 15 accumulated carry over is 4900 dam^3 (2000 cfs-days).										
Jun 01	161.4	31.9	74.8	100.2	63.9	432.2	324.2	108.1	44.2	44.2
Jun 02	244.9	-93.5	77.4	100.2	63.9	392.9	294.7	98.2	34.3	78.5
Jun 03	305.5	-157.6	24.6	100.2	63.9	336.6	252.5	84.2	20.3	98.7
Jun 04	381.4	-35.5	59.0	100.2	63.9	569.0	426.7	142.2	78.3	177.1
Jun 05	315.3	-127.2	50.5	100.2	63.9	402.7	302.0	100.7	36.8	213.8
Jun 06	251.7	60.8	108.4	100.2	63.9	585.0	438.8	146.3	82.4	296.2
Jun 07	206.1	209.1	13.9	100.2	63.9	593.2	444.9	148.3	84.4	380.6
Jun 08	173.2	213.4	33.8	100.2	63.9	584.5	438.4	146.1	82.2	462.8
Jun 09	159.5	200.2	33.1	100.2	63.9	556.9	417.7	139.2	75.3	538.1
Jun 10	148.5	424.6	34.9	100.2	63.9	772.1	579.1	193.0	129.1	667.3
Jun 11	135.8	281.2	58.5	100.2	63.9	639.7	479.8	159.9	96.0	763.3
Jun 12	126.5	-9.6	92.9	100.2	63.9	373.9	280.4	93.5	29.6	792.9
Jun 13	139.9	132.8	33.9	100.2	63.9	470.7	353.1	117.7	53.8	846.6
Jun 14	143.6	272.2	103.9	100.2	63.9	683.8	512.9	171.0	107.1	953.7
Jun 15	227.3	1139.0	156.4	100.2	63.9	1686.7	1251.9	434.8	370.9	1324.6
15day Total	*3120.7*	*2541.6*	*956.2*	*1503.0*	*958.5*	*9079.9*	*6796.8*	*2283.1*	*1324.6*	
Deficit carry over from previous division period										#N/A
Note: Eligible June 01 to September 15 accumulated carry over is 4900 dam^3 (2000 cfs-days).										
Jun 16	344.0	1759.7	131.9	14.7	24.2	2274.5	1545.8	728.6	704.4	704.4
Jun 17	589.6	509.1	61.0	14.7	24.2	1198.6	899.0	299.7	275.5	979.9
Jun 18	526.0	331.9	23.9	14.7	24.2	920.6	690.5	230.2	206.0	1185.9
Jun 19	581.9	118.1	44.2	14.7	24.2	783.2	587.4	195.8	171.6	1357.5
Jun 20	633.3	54.0	34.2	14.7	24.2	760.3	570.2	190.1	165.9	1523.3
Jun 21	723.5	-128.3	29.3	14.7	24.2	663.3	497.5	165.8	141.6	1665.0
Jun 22	717.1	-218.8	26.8	14.7	24.2	564.0	423.0	141.0	116.8	1781.8
Jun 23	500.0	-52.7	29.4	14.7	24.2	515.5	386.6	128.9	104.7	1886.4
Jun 24	368.9	46.8	44.1	14.7	24.2	498.7	374.0	124.7	100.5	1986.9
Jun 25	317.4	10.0	48.5	14.7	24.2	414.7	311.0	103.7	79.5	2066.4
Jun 26	288.9	-120.9	69.2	14.7	24.2	276.1	207.1	69.0	44.8	2111.2
Jun 27	283.4	-115.3	70.2	14.7	24.2	277.2	207.9	69.3	45.1	2156.3
Jun 28	251.4	-32.1	74.2	14.7	24.2	332.4	249.3	83.1	58.9	2215.2
Jun 29	222.9	187.1	42.3	14.7	24.2	491.3	368.5	122.8	98.6	2313.8
Jun 30	194.2	217.5	71.2	14.7	24.2	521.8	391.4	130.5	106.3	2420.1
15day Total	*6542.3*	*2566.2*	*800.3*	*220.5*	*363.0*	*10492.3*	*7709.2*	*2783.1*	*2420.1*	
Deficit carry over from previous division period										#N/A
Note: Eligible June 01 to September 15 accumulated carry over is 4900 dam^3 (2000 cfs-days).										
Jun Totals	*9663.0*	*5107.7*	*1756.5*	*1723.5*	*1321.5*	*19572.2*	*14506.0*	*5066.2*	*3744.7*	

All figures in cubic decametres.

Five day lag period is applied between west and east to determine natural flow at Eastern Crossing.

APPROVED BY FIELD REPRESENTATIVES FOR CANADA AND THE UNITED STATES

Table 8 (Continued) Summary of Daily

Net Change, Natural Flow, Evaporative and Consumptive Uses of Milk River at Eastern Crossing of International Boundary

July , 2006

Date at Eastern Crossing	Natural Flow at Western Crossing	East to West Net Change	Incremental Evapotranspiration Loss	Total Consumptive Use		Natural Flow at Eastern Crossing	Share		Excess / Deficit to U.S.	Cumulative Excess / Deficit to U.S.
				U.S.	Canada		U.S.	Canada		
	C9,T2	C10,T2	C8,T4	C3,T3	C8,T3				(9-6)	
1	2	3	4	5	6	7	8	9	10	11
Deficit carry over from previous division period										#N/A
Note: Eligible June 01 to September 15 accumulated carry over is 4900 dam^3 (2000 cfs-days).										
Jul 01	175.6	212.6	75.5	26.8	44.1	534.6	401.0	133.7	89.6	89.6
Jul 02	159.5	166.4	64.2	26.8	44.1	460.9	345.7	115.2	71.2	160.8
Jul 03	142.0	241.5	83.6	26.8	44.1	538.0	403.5	134.5	90.4	251.2
Jul 04	129.9	209.7	93.6	26.8	44.1	504.0	378.0	126.0	81.9	333.1
Jul 05	129.5	87.0	84.4	26.8	44.1	371.8	278.9	93.0	48.9	382.0
Jul 06	121.9	43.4	119.4	26.8	44.1	355.6	266.7	88.9	44.8	426.9
Jul 07	119.9	-29.3	87.5	26.8	44.1	248.9	186.7	62.2	18.2	445.1
Jul 08	120.9	-51.6	94.4	26.8	44.1	234.6	175.9	58.6	14.6	459.6
Jul 09	105.9	-80.1	68.3	26.8	44.1	164.9	123.7	41.2	-2.8	456.8
Jul 10	94.3	-183.9	72.6	26.8	44.1	53.8	40.3	13.4	-30.6	426.2
Jul 11	92.9	-188.2	79.8	26.8	44.1	55.4	41.6	13.9	-30.2	396.0
Jul 12	97.7	-165.4	113.0	26.8	44.1	116.1	87.1	29.0	-15.0	381.0
Jul 13	85.1	-208.1	118.2	26.8	44.1	66.0	49.5	16.5	-27.6	353.4
Jul 14	74.7	-194.4	109.4	26.8	44.1	60.5	45.4	15.1	-28.9	324.5
Jul 15	73.4	-233.8	95.8	26.8	44.1	6.3	4.7	1.6	-42.5	282.0
15day Total	*1723.2*	*-374.1*	*1359.6*	*402.0*	*660.9*	*3771.5*	*2828.6*	*942.9*	*282.0*	
Deficit carry over from previous division period										#N/A
Note: Eligible June 01 to September 15 accumulated carry over is 4900 dam^3 (2000 cfs-days).										
Jul 16	71.7	-251.7	95.5	26.8	44.1	0.0	0.0	0.0	-44.1	-44.1
Jul 17	66.0	-226.6	101.7	26.8	44.1	12.0	9.0	3.0	-41.1	-85.1
Jul 18	62.9	-242.6	69.7	26.8	44.1	0.0	0.0	0.0	-44.1	-129.2
Jul 19	57.3	-204.2	91.1	26.8	44.1	15.0	11.3	3.8	-40.3	-169.5
Jul 20	59.1	-203.3	74.1	26.8	44.1	0.7	0.5	0.2	-43.9	-213.4
Jul 21	55.2	-171.6	90.9	26.8	44.1	45.4	34.1	11.4	-32.7	-246.1
Jul 22	54.4	-162.5	78.8	26.8	44.1	41.6	31.2	10.4	-33.7	-279.7
Jul 23	48.2	-147.7	86.0	26.8	44.1	57.3	43.0	14.3	-29.7	-309.5
Jul 24	46.2	-194.6	70.2	26.8	44.1	0.0	0.0	0.0	-44.1	-353.5
Jul 25	43.9	-203.8	86.3	26.8	44.1	0.0	0.0	0.0	-44.1	-397.6
Jul 26	42.3	-197.9	90.0	26.8	44.1	5.2	3.9	1.3	-42.8	-440.3
Jul 27	38.9	-191.2	91.7	26.8	44.1	10.4	7.8	2.6	-41.5	-481.8
Jul 28	38.8	-212.8	82.6	26.8	44.1	0.0	0.0	0.0	-44.1	-525.9
Jul 29	40.4	-238.4	116.7	26.8	44.1	0.0	0.0	0.0	-44.1	-569.9
Jul 30	43.9	-295.1	77.9	26.8	44.1	0.0	0.0	0.0	-44.1	-614.0
Jul 31	40.8	-280.6	87.8	26.8	44.1	0.0	0.0	0.0	-44.1	-658.0
16day Total	*809.8*	*-3424.6*	*1391.1*	*428.8*	*705.0*	*187.6*	*140.7*	*46.9*	*-658.0*	
Deficit carry over from previous division period										-658.0
Note: Eligible June 01 to September 15 accumulated carry over is 4900 dam^3 (2000 cfs-days).										
Jul Totals	*2533.0*	*-3798.7*	*2750.7*	*830.8*	*1365.9*	*3959.1*	*2969.4*	*989.8*	*-376.1*	

All figures in cubic decametres

Five day lag period is applied between west and east to determine natural flow at Eastern Crossing.

APPROVED BY FIELD REPRESENTATIVES FOR CANADA AND THE UNITED STATES

Table 8 (Continued) Summary of Daily Net Change, Natural Flow, Evaporative and Consumptive Uses of Milk River at Eastern Crossing of International Boundary

August , 2006

Date at Eastern Crossing	Natural Flow at Western Crossing	East to West Net Change	Incremental Evapotranspiration Loss	Total Consumptive Use		Natural Flow at Eastern Crossing	Share		Excess / Deficit to U.S.	Cumulative Excess / Deficit to U.S.
				U.S.	Canada		U.S.	Canada		
	C9,T2	C10,T2	C8,T4	C3,T3	C8,T3				(9-6)	
1	2	3	4	5	6	7	8	9	10	11
Deficit carry over from previous division period										-658.0
Note: Eligible June 01 to September 15 accumulated carry over is 4900 dam^3 (2000 cfs-days).										
Aug 01	37.8	-233.8	77.3	21.6	36.3	0.0	0.0	0.0	-36.3	-36.3
Aug 02	36.6	-273.3	81.4	21.6	36.3	0.0	0.0	0.0	-36.3	-72.6
Aug 03	35.2	-248.2	89.8	21.6	36.3	0.0	0.0	0.0	-36.3	-108.9
Aug 04	31.7	-254.9	66.4	21.6	36.3	0.0	0.0	0.0	-36.3	-145.2
Aug 05	30.7	-201.4	93.1	21.6	36.3	0.0	0.0	0.0	-36.3	-181.5
Aug 06	30.2	-158.2	82.9	21.6	36.3	12.9	9.6	3.2	-33.1	-214.5
Aug 07	30.0	-190.7	88.6	21.6	36.3	0.0	0.0	0.0	-36.3	-250.8
Aug 08	27.3	-214.5	98.3	21.6	36.3	0.0	0.0	0.0	-36.3	-287.1
Aug 09	29.9	-204.2	64.4	21.6	36.3	0.0	0.0	0.0	-36.3	-323.4
Aug 10	27.4	-218.2	68.9	21.6	36.3	0.0	0.0	0.0	-36.3	-359.7
Aug 11	27.2	-214.2	57.4	21.6	36.3	0.0	0.0	0.0	-36.3	-396.0
Aug 12	27.1	-158.5	67.7	21.6	36.3	0.0	0.0	0.0	-36.3	-432.3
Aug 13	27.0	-144.1	77.6	21.6	36.3	18.5	13.8	4.6	-31.7	-463.9
Aug 14	27.0	-110.3	83.6	21.6	36.3	58.1	43.6	14.5	-21.8	-485.7
Aug 15	27.0	-153.4	19.5	21.6	36.3	0.0	0.0	0.0	-36.3	-522.0
15day Total	452.0	-2977.8	1116.8	324.0	544.4	89.4	67.0	22.3	-522.0	
Deficit carry over from previous division period										-1180.0
Note: Eligible June 01 to September 15 accumulated carry over is 4900 dam^3 (2000 cfs-days).										
Aug 16	27.0	-208.0	17.5	21.6	36.3	0.0	0.0	0.0	-36.3	-36.3
Aug 17	27.0	-70.1	56.5	21.6	36.3	71.3	53.5	17.8	-18.5	-54.8
Aug 18	27.0	-65.8	63.9	21.6	36.3	82.9	62.2	20.7	-15.6	-70.3
Aug 19	27.0	-35.0	64.2	21.6	36.3	114.0	85.5	28.5	-7.8	-78.1
Aug 20	27.0	-39.7	76.4	21.6	36.3	121.5	91.1	30.4	-5.9	-84.0
Aug 21	34.2	9.6	71.1	21.6	36.3	172.8	129.6	43.2	6.9	-77.1
Aug 22	58.8	-176.8	62.5	21.6	36.3	2.3	1.7	0.6	-35.7	-112.8
Aug 23	29.4	-163.6	63.5	21.6	36.3	0.0	0.0	0.0	-36.3	-149.1
Aug 24	29.4	-144.3	43.8	21.6	36.3	0.0	0.0	0.0	-36.3	-185.4
Aug 25	49.7	-177.7	55.9	21.6	36.3	0.0	0.0	0.0	-36.3	-221.7
Aug 26	53.6	-152.6	71.5	21.6	36.3	30.4	22.8	7.6	-28.7	-250.4
Aug 27	50.6	-118.4	82.4	21.6	36.3	72.4	54.3	18.1	-18.2	-268.6
Aug 28	43.7	-106.7	76.0	21.6	36.3	70.9	53.2	17.7	-18.6	-287.1
Aug 29	41.8	-116.8	59.9	21.6	36.3	42.9	32.2	10.7	-25.6	-312.7
Aug 30	39.7	-163.7	31.7	21.6	36.3	0.0	0.0	0.0	-36.3	-349.0
Aug 31	40.5	-190.3	41.5	21.6	36.3	0.0	0.0	0.0	-36.3	-385.3
16day Total	606.2	-1920.2	938.3	345.6	580.6	781.4	586.1	195.4	-385.3	
Deficit carry over from previous division period										-1565.3
Note: Eligible June 01 to September 15 accumulated carry over is 4900 dam^3 (2000 cfs-days).										
Aug Totals	*1058.2*	*-4897.9*	*2055.1*	*669.6*	*1125.0*	*870.8*	*653.1*	*217.7*	*-907.3*	

All figures in cubic decametres.

Five day lag period is applied between west and east to determine natural flow at Eastern Crossing.

APPROVED BY FIELD REPRESENTATIVES FOR CANADA AND THE UNITED STATES

Table 8 (Continued) Summary of Daily

Net Change, Natural Flow, Evaporative and Consumptive Uses of Milk River at Eastern Crossing of International Boundary

September , 2006

Date at Eastern Crossing	Natural Flow at Western Crossing	East to West Net Change	Incremental Evapotranspiration Loss	Total Consumptive Use		Natural Flow at Eastern Crossing	Share		Excess / Deficit to U.S.	Cumulative Excess / Deficit to U.S.
				U.S.	Canada		U.S.	Canada		
	C9,T2	C10,T2	C8,T4	C3,T3	C8,T3				(9-6)	
1	2	3	4	5	6	7	8	9	10	11
				Deficit carry over from previous division period						-1565.3
				Note: Eligible June 01 to September 15 accumulated carry over is 4900 dam^3 (2000 cfs-days).).						
Sep 01	36.7	-170.0	67.5	14.7	24.2	0.0	0.0	0.0	-24.2	-24.2
Sep 02	33.0	-172.5	67.8	14.7	24.2	0.0	0.0	0.0	-24.2	-48.4
Sep 03	32.3	-140.5	64.7	14.7	24.2	0.0	0.0	0.0	-24.2	-72.6
Sep 04	29.4	-168.7	61.1	14.7	24.2	0.0	0.0	0.0	-24.2	-96.8
Sep 05	28.9	-150.2	61.2	14.7	24.2	0.0	0.0	0.0	-24.2	-121.0
Sep 06	31.1	-141.4	70.5	14.7	24.2	0.0	0.0	0.0	-24.2	-145.1
Sep 07	33.2	-154.2	81.7	14.7	24.2	0.0	0.0	0.0	-24.2	-169.3
Sep 08	30.4	-174.4	60.6	14.7	24.2	0.0	0.0	0.0	-24.2	-193.5
Sep 09	30.2	-150.2	68.5	14.7	24.2	0.0	0.0	0.0	-24.2	-217.7
Sep 10	27.6	-132.4	49.9	14.7	24.2	0.0	0.0	0.0	-24.2	-241.9
Sep 11	25.0	-126.2	70.3	14.7	24.2	7.9	6.0	2.0	-22.2	-264.1
Sep 12	25.5	-143.3	47.5	14.7	24.2	0.0	0.0	0.0	-24.2	-288.3
Sep 13	25.4	-149.4	2.6	14.7	24.2	0.0	0.0	0.0	-24.2	-312.5
Sep 14	21.9	-138.2	17.4	14.7	24.2	0.0	0.0	0.0	-24.2	-336.7
Sep 15	20.7	-40.1	43.5	14.7	24.2	63.0	47.2	15.7	-8.4	-345.1
15day Total	431.2	-2151.7	834.9	220.5	362.9	70.9	53.2	17.7	-345.1	
				Deficit carry over from previous division period						-1910.4
				Note: Eligible June 01 to September 15 accumulated carry over is 4900 dam^3 (2000 cfs-days).						
Sep 16	18.3	61.5	21.8	0.0	0.0	101.6	76.2	25.4	25.4	25.4
Sep 17	19.8	1.6	29.4	0.0	0.0	50.9	38.1	12.7	12.7	38.1
Sep 18	23.6	-47.7	28.1	0.0	0.0	3.9	3.0	1.0	1.0	39.1
Sep 19	37.0	-120.1	8.4	0.0	0.0	0.0	0.0	0.0	0.0	39.1
Sep 20	47.2	-221.4	30.0	0.0	0.0	0.0	0.0	0.0	0.0	39.1
Sep 21	59.8	-206.5	16.6	0.0	0.0	0.0	0.0	0.0	0.0	39.1
Sep 22	50.0	-83.8	25.3	0.0	0.0	0.0	0.0	0.0	0.0	39.1
Sep 23	42.5	-105.3	35.9	0.0	0.0	0.0	0.0	0.0	0.0	39.1
Sep 24	43.4	-118.9	35.2	0.0	0.0	0.0	0.0	0.0	0.0	39.1
Sep 25	46.7	-63.6	24.4	0.0	0.0	7.5	5.6	1.9	1.9	41.0
Sep 26	61.7	-87.6	19.4	0.0	0.0	0.0	0.0	0.0	0.0	41.0
Sep 27	107.5	-102.2	18.0	0.0	0.0	23.3	17.5	5.8	5.8	46.8
Sep 28	78.8	38.0	22.0	0.0	0.0	138.8	104.1	34.7	34.7	81.5
Sep 29	87.5	113.7	25.7	0.0	0.0	226.9	170.2	56.7	56.7	138.2
Sep 30	87.5	-	9.9	0.0	0.0	344.7	258.6	86.2	86.2	224.4
15day Total	811.1	-942.3	350.1	0.0	0.0	897.6	673.2	224.4	224.4	
				Deficit carry over from previous division period						-1686.0
				Note: Eligible June 01 to September 15 accumulated carry over is 4900 dam^3 (2000 cfs-days).						
Sep Totals	1242.3	-3094.1	1185.0	220.5	362.9	968.5	726.4	242.1	-120.7	

All figures in cubic decametres.

Grey areas indicate natural flow equal to the recorded flow at the gauge (11AA031) Milk River at Eastern Crossing.

Five day lag period is applied between west and east to determine natural flow at Eastern Crossing.

APPROVED BY FIELD REPRESENTATIVES FOR CANADA AND THE UNITED STATES

Table 8 (Continued) Summary of Daily

Net Change, Natural Flow, Evaporative and Consumptive Uses of Milk River at Eastern Crossing of International Boundary

October , 2006

Date at Eastern Crossing	Natural Flow at Western Crossing	East to West Net Change	Incremental Evaporative Trans. Loss	Total Consumptive Use		Natural Flow at Eastern Crossing	Share		Excess / Deficit to U.S.	Cumulative Excess / Deficit to U.S.
				U.S.	Canada		U.S.	Canada		
	C9,T2	C10,T2	C8,T4	C3,T3	C8,T3				(9-6)	
1	2	3	4	5	6	7	8	9	10	11
Deficit carry over from previous division period										-1686.0
Note: Eligible June 01 to September 15 accumulated carry over is 4900 dam^3 (2000 cfs-days).										
Oct 01	79.4	-	2.4	0.0	0.0	313.6	235.2	78.4	78.4	78.4
Oct 02	70.1	-	4.7	0.0	0.0	279.1	209.3	69.8	69.8	148.2
Oct 03	61.2	-	4.7	0.0	0.0	252.3	189.2	63.1	63.1	211.2
Oct 04	53.5	-	5.6	0.0	0.0	229.8	172.4	57.5	57.5	268.7
Oct 05	54.2	-	7.7	0.0	0.0	212.5	159.4	53.1	53.1	321.8
Oct 06	51.9	-	7.1	0.0	0.0	196.1	147.1	49.0	49.0	370.9
Oct 07	55.8	-	1.7	0.0	0.0	183.2	137.4	45.8	45.8	416.7
Oct 08	52.0	-	2.9	0.0	0.0	166.8	125.1	41.7	41.7	458.4
Oct 09	51.2	-	1.2	0.0	0.0	159.0	119.2	39.7	39.7	498.1
Oct 10	56.0	-	1.1	0.0	0.0	149.5	112.1	37.4	37.4	535.5
Oct 11	55.0	-	4.8	0.0	0.0	153.8	115.3	38.4	38.4	573.9
Oct 12	57.9	-	7.5	0.0	0.0	149.5	112.1	37.4	37.4	611.3
Oct 13	65.3	-	4.3	0.0	0.0	153.8	115.3	38.4	38.4	649.7
Oct 14	67.4	-	1.3	0.0	0.0	149.5	112.1	37.4	37.4	687.1
Oct 15	68.0	-	2.1	0.0	0.0	144.3	108.2	36.1	36.1	723.2
15day Total	*898.8*	*0.0*	*59.1*	*0.0*	*0.0*	*2892.7*	*2169.5*	*723.2*	*723.2*	
Deficit carry over from previous division period										-962.8
Note: Eligible June 01 to September 15 accumulated carry over is 4900 dam^3 (2000 cfs-days).										
Oct 16	74.2	-	9.0	0.0	0.0	144.3	108.2	36.1	36.1	36.1
Oct 17	74.9	-	1.5	0.0	0.0	139.1	104.3	34.8	34.8	70.8
Oct 18	80.9	-	0.7	0.0	0.0	137.4	103.0	34.3	34.3	105.2
Oct 19	79.4	-	2.9	0.0	0.0	137.4	103.0	34.3	34.3	139.5
Oct 20	79.6	-	0.8	0.0	0.0	166.8	125.1	41.7	41.7	181.2
Oct 21	84.6	-	4.2	0.0	0.0	200.4	150.3	50.1	50.1	231.3
Oct 22	88.7	-	4.5	0.0	0.0	205.6	154.2	51.4	51.4	282.7
Oct 23	87.3	-	5.7	0.0	0.0	193.5	145.2	48.4	48.4	331.1
Oct 24	94.0	-	0.0	0.0	0.0	173.7	130.2	43.4	43.4	374.5
Oct 25	114.2	-	0.0	0.0	0.0	161.6	121.2	40.4	40.4	414.9
Oct 26	116.1	-	0.0	0.0	0.0	152.1	114.0	38.0	38.0	453.0
Oct 27	109.3	-	0.0	0.0	0.0	156.4	117.3	39.1	39.1	492.0
Oct 28	110.0	-	0.0	0.0	0.0	159.0	119.2	39.7	39.7	531.8
Oct 29	104.0	-	0.0	0.0	0.0	152.1	114.0	38.0	38.0	569.8
Oct 30	95.7	-	0.0	0.0	0.0	146.9	110.2	36.7	36.7	606.5
Oct 31	87.6	-	0.0	0.0	0.0	134.8	101.1	33.7	33.7	640.2
16day Total	1480.5	0.0	29.3	0.0	0.0	2560.9	1920.7	640.2	640.2	
Deficit carry over from previous division period										-322.6
Note: Eligible June 01 to September 15 accumulated carry over is 4900 dam^3 (2000 cfs-days).										
Oct Totals	2379.4	0.0	88.4	0.0	0.0	5453.6	4090.2	1363.4	1363.4	

All figures in cubic decametres.
Five day lag period is applied between west and east to determine natural flow at Eastern Crossing.
Grey areas indicate natural flow equal to the recorded flow at the gauge (11AA031) Milk River at Eastern Crossing

Approved by: _____ For Canada _____ For The United States

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Table 9: HISTORICAL SUMMARY OF MARCH - OCTOBER COMPUTED NATURAL FLOW MILK RIVER AT EASTERN CROSSING OF INTERNATIONAL BOUNDARY

(VALUES IN CUBIC DECAMETRES)

YEAR	COMPUTED NATURAL FLOW	UNITED STATES SHARE	CANADIAN SHARE	YEAR	COMPUTED NATURAL FLOW	UNITED STATES SHARE	CANADIAN SHARE
				1941	31,200	21,500	9,730
1912	141,000	93,500	47,100	1942	105,000	75,900	29,600
1913	155,000	110,000	46,300	1943	143,000	98,600	44,900
1914	85,100	59,500	25,700	1944	28,000	20,000	8,010
1915	173,000	121,000	50,800	1945	53,800	36,100	17,600
1916	280,000	187,000	92,000	1946	51,400	35,000	16,400
1917	270,000	174,000	96,000	1947	204,000	128,000	75,000
1918	79,700	55,600	24,100	1948	254,000	168,000	86,000
1919	33,800	24,100	9,700	1949	69,900	49,700	20,200
1920	212,000	136,000	77,000	1950	149,000	106,000	42,900
1921	70,200	50,300	19,900	1951	343,000	226,000	116,000
1922	108,000	76,500	31,100	1952	249,000	154,000	94,700
1923	101,000	72,700	28,900	1953	317,000	200,000	117,000
1924	89,200	63,300	25,900	1954	182,000 *	127,000	54,600
1925	149,000	101,000	48,200	1955	197,000	134,000 *	63,500
1926	30,200	21,200	9,020	1956	139,000	97,300	41,600
1927	449,000	281,000	168,000	1957	130,000	88,400	40,800
1928	273,000	178,000	95,300	1958	139,000	89,700	49,600
1929	184,000	123,000	60,600	1959	159,000	105,000	54,500
1930	131,000	87,900	43,000	1960	121,000	76,400	45,000
1931	36,800	25,000	11,700	1961	46,700	32,800	14,100
1932	94,400	64,800	29,600	1962	72,200	48,500	23,700
1933	117,000	80,500	36,600	1963	34,300	23,700	10,600
1934	117,000	79,600	37,100	1964	154,000	104,000	49,700
1935	97,600	64,600	32,900	1965	284,000	181,000	102,000 *
1936	79,900	50,200	29,700	1966	147,000	98,600	48,000
1937	112,000	78,900	32,700	1967	310,000	194,000	116,000
1938	133,000	89,700	43,500	1968	139,000	96,600	42,700
1939	50,100	33,600	16,500	1969	236,000	147,000	88,900
1940	69,700	46,400	23,300	1970	121,000	84,700	36,500

Continued...

* Revised

Note: The totals of the United States and Canadian shares may not agree with the computed natural flows as all figures have been rounded for this summary. The table is a direct conversion from English to SI units. Totals prior to 1985 may not concur in some cases.

Table 9 (continued): HISTORICAL SUMMARY OF MARCH TO OCTOBER COMPUTED NATURAL FLOW MILK RIVER AT EASTERN CROSSING OF INTERNATIONAL BOUNDARY

(VALUES IN CUBIC DECAMETRES)

YEAR	COMPUTED NATURAL FLOW	UNITED STATES SHARE	CANADIAN SHARE	YEAR	COMPUTED NATURAL FLOW	UNITED STATES SHARE	CANADIAN SHARE
1971	128,000	91,300	36,600	1991	148,000	105,000	42,800
1972	228,000	148,000	80,300	1992	38,900	26,900	12,000
1973	44,500	29,600	14,900	1993	160,000	110,000	50,800
1974	117,000	82,200	34,500	1994	188,000	115,000	72,600
1975	324,000	206,000	118,000	1995	229,000	155,000	74,100
1976	118,000	80,300	37,400	1996	200,000	125,000	75,500
1977	37,100	25,800	11,400	1997	174,000	114,000	60,300
1978	274,000	174,000	101,000	1998	75,000 *	53,900 *	21,100 *
1979	248,000	153,000	95,600	1999	76,800	54,800	22,000
1980	99,400	69,500	29,900	2000	35,400	24,300	11,100
1981	113,000	79,200	34,200	2001	21,700	15,100	6,630
1982	164,000	109,000	55,100	2002	235,000	146,000	89,900 *
1983	46,600	32,600	13,900	2003	97,300	63,700	33,600
1984	26,500	17,500	9,100	2004	62,000	42,300	19,600
1985	58,800	41,700	17,100*	2005	73,300	51,200	22,100
1986	88,100	58,800	29,200	2006	83,700	58,500	25,300
1987	58,300	40,900	17,400				
1988	35,900	25,000	10,900				
1989	117,000 *	78,500	38,300				
1990	121,000	82,200	38,700	Average 1912-2005	136,000	90,500	45,700

* Revised

Note: The totals of the United States and Canadian shares may not agree with the computed natural flows as all figures have been rounded for this summary. The table is a direct conversion from English to SI units. Totals prior to 1985 may not concur in some cases.

Table 10: NATURAL FLOW OF LODGE CREEK AT THE INTERNATIONAL BOUNDARY FOR THE YEAR 2006

	1	2	3	4	5	6	7	8	9	10
Period Upper Lodge Area	Michel Reservoir Depletion	Greasewood Reservoir Depletion	Massy Reservoir Depletion	Minor Diversions (Upper Lodge incl. Bare Cr.)	Total Depletion Upper Lodge Reservoirs	Channel Loss To International Boundary	Net Depletion Upper Lodge	Bare Creek Reservoir Depletion	Channel Loss To International Boundary	Net Depletion Bare Creek
	Observed	Observed	Observed	Reported	1 + 2 + 3 +4	Computed	5 - 6	Observed	Computed	8 - 9
Feb 25 - Mar 11	0	8	6	0	14	14	0	3	3	0
Mar 12 - 27	4	20	36	93	153	120	33	8	8	0
Mar 28 - Apr 11	533	81	8	105	727	166	561	853	177	676
Apr 12 - 26	- 2	- 1	0	0	- 3	- 3	0	- 16	- 16	0
Apr 27 - May 11	- 7	7	5	56	61	61	0	- 6	- 6	0
May 12 - 27	- 37	- 3	2	49	11	11	0	2	2	0
May 28 - Jun 11	- 312	3	0	25	- 284	- 152	- 132	- 3	- 3	0
Jun 12 – 26	- 160	- 1	7	0	- 154	- 121	- 33	- 2	- 2	0
Jun 27 - Jul 11	- 11	- 6	- 1	0	- 18	- 18	0	- 8	- 8	0
Jul 12 - 27	4	- 5	- 2	0	- 3	- 3	0	- 4	- 4	0
Jul 28 - Aug 11	- 3	- 50	- 35	0	- 88	- 88	0	- 246	- 143	- 103
Aug 12 - 27	- 2	- 51	- 38	0	- 91	- 91	0	0	0	0
Aug 28 - Sep 11	- 7	1	0	0	- 6	- 6	0	4	4	0
Sep 12 - 26	- 14	2	- 3	0	- 15	- 15	0	- 12	- 12	0
Sep 27 - Oct 11	- 18	1	- 1	0	- 18	- 18	0	- 8	- 8	0
Oct 12 - 27	- 17	3	- 1	0	- 15	- 15	0	- 4	- 4	0
Total	- 49	9	- 17	328	271	- 158	429	561	- 12	573

All values are derived from data as published in Appendix B.
All quantities in cubic decametres.

Table 10 (continued): NATURAL FLOW OF LODGE CREEK AT THE INTERNATIONAL BOUNDARY FOR THE YEAR 2006

Period Cressday and Mitchell Reservoir Area	11 Cressday Reservoir Depletion	12 Channel Loss To Inter-National Boundary	13 Net Depletion Cressday	14 Mitchell Reservoir Depletion	15 Minor Diver-sions	16 Total Depletion Mitchell Reservoir	17 Channel Loss To Inter-National Boundary	18 Net Depletion Mitchell	Period Jaydot Reservoir Area	19 Jaydot Reservoir Depletion	20 Channel Loss To Inter-National Boundary	21 Net Depletion Jaydot
	Observed	Computed	11 - 12	Observed	Reported	14 + 15	Computed	16 - 17		Observed	Computed	19 - 20
Feb 26 - Mar 12	1	1	0	54	0	54	54	0	Feb 27 - Mar 13	0	0	0
Mar 13 - 28	1	1	0	198	0	198	83	115	Mar 14 - 29	0	0	0
Mar 29 - Apr 12	224	83	141	156	0	156	79	77	Mar 30 - Apr 13	0	0	0
Apr 13 - 27	4	4	0	- 29	0	- 29	- 29	0	Apr 14 - 28	0	0	0
Apr 28 - May 12	- 8	-8	0	- 7	0	- 7	- 7	0	Apr 29 - May 13	0	0	0
May 13 - 28	- 63	- 63	0	- 5	0	- 5	- 5	0	May 14 - 29	0	0	0
May 29 – Jun 12	- 172	- 90	- 82	- 21	0	- 21	- 21	0	May 30 - Jun 13	0	0	0
Jun 13 - 27	0	0	0	- 18	0	- 18	- 18	0	Jun 14 - 28	0	0	0
Jun 28 - Jul 12	1	1	0	- 21	0	- 21	- 21	0	Jun 29 - Jul 13	0	0	0
Jul 13 - 28	1	1	0	- 7	0	- 7	- 7	0	Jul 14 - 29	0	0	0
Jul 29 - Aug 12	1	1	0	- 6	0	- 6	- 6	0	Jul 30 - Aug 13	0	0	0
Aug 13 - 28	1	1	0	- 7	0	- 7	- 7	0	Aug 14 - 29	0	0	0
Aug 29 - Sep 12	1	1	0	1	0	1	1	0	Aug 30 - Sep 13	0	0	0
Sep 13 - 27	0	0	0	- 14	0	- 14	- 14	0	Sep 14 - 28	0	0	0
Sep 28 - Oct 12	0	0	0	- 21	0	- 21	- 21	0	Sep 29 - Oct 13	0	0	0
Oct 13 - 28	0	0	0	- 4	0	- 4	- 4	0	Oct 14 - 29	0	0	0
Total	- 8	- 67	59	249	0	249	57	192	Total	0	0	0

All values are derived from data as published in Appendix B.
All quantities in cubic decametres.

Table 10 (continued): NATURAL FLOW OF LODGE CREEK AT THE INTERNATIONAL BOUNDARY FOR THE YEAR 2006

Period	22 Middle Creek Reservoir Inflow	23 Bedford Outlet	24 Flood Spillway	25 Irrigation Return Middle Creek Below Middle Creek Reservoir	26 Minor Diversions (Middle Creek)	27 Gross Depletion	28 Channel Loss To Inter-National Boundary	29 Net Depletion Middle Creek
Middle Creek Reservoir Area	Observed	Observed	Observed	Observed	Reported	23-24-25-22+27	Computed	27 – 28
Feb 27 - Mar 12	22	0	0	1	0	21	21	0
Mar 13 - 28	409	0	0	13	0	396	91	305
Mar 29 - Apr 12	2 249	0	0	15	26	2 260	205	2 055
Apr 13 - 27	21	0	0	0	7	28	28	0
Apr 28 - May 12	14	0	0	125	0	- 111	- 78	- 33
May 13 - 28	12	0	0	66	0	- 54	- 54	0
May 29 - Jun 12	6	0	0	16	0	- 10	- 10	0
Jun 13 - 27	4	0	0	0	0	4	4	0
Jun 28 - J ul 12	2	0	0	0	0	2	2	0
Jul 13 - 28	1	0	0	0	0	1	1	0
Jul 29 - Aug 12	1	0	0	0	0	1	1	0
Aug 13 - 28	1	0	0	0	0	1	1	0
Aug 29 - Sep 12	1	0	0	0	0	1	1	0
Sep 13 - 27	2	0	0	0	0	2	2	0
Sep 28 - Oct 12	3	0	0	0	0	3	3	0
Oct 13 - 28	3	0	0	0	0	3	3	0
Total	2 751	0	0	236	33	2 548	221	2 326

All values are derived from data as published in Appendix B.
All quantities in cubic decametres.

Table 10 (continued): NATURAL FLOW OF LODGE CREEK AT THE INTERNATIONAL BOUNDARY FOR THE YEAR 2006

	30	31		32	33	34	35	36
Period Middle Creek Near Govenlock	Middle Creek Near Govenlock	Channel Loss To Middle Creek Above Lodge Creek	Period To Middle Creek Above Lodge Creek	Apparent Flow At Middle Creek Above Lodge Creek	Measured Flow At Middle Creek Above Lodge Creek	Water Use Stokke - Buchanan Projects	Channel Loss To Inter-National Boundary	Net Depletion Stokke - Buchanan
	Observed	Computed		30 - 31	Observed	32 - 33	Computed	34 - 35
Feb 27 - Mar 13	0	0	Feb 28 - Mar 14	0	0	0	0	0
Mar 14 - 29	33	19	Mar 15 - 30	14	0	14	14	0
Mar 30 - Apr 13	78	19	Mar 31 - Apr 14	59	3	56	19	37
Apr 14 - 28	21	18	Apr 15 - 29	3	0	3	3	0
Apr 29 - May 13	3	3	Apr 30 - May 14	0	0	0	0	0
May 14 - 29	77	21	May 15 - 30	56	0	56	20	35
May 30 - Jun 13	23	18	May 31 - Jun 14	5	0	5	5	0
Jun 14 - 28	15	15	Jun 15 - 29	0	0	0	0	0
Jun 29 - Jul 13	0	0	Jun 30 - Jul 14	0	0	0	0	0
Jul 14 - 29	0	0	Jul 15 - 30	0	0	0	0	0
Jul 30 - Aug 13	0	0	Jul 31 - Aug 14	0	0	0	0	0
Aug 14 - 29	0	0	Aug 15 - 30	0	0	0	0	0
Aug 30 - Sep 13	0	0	Aug 31 - Sep 14	0	0	0	0	0
Sep 14 - 28	0	0	Sep 15 - 29	0	0	0	0	0
Sep 29 - Oct 13	0	0	Sep 30 - Oct 14	0	0	0	0	0
Oct 14 - 29	0	0	Oct 15 - 30	0	0	0	0	0
Total	250	114	Total	136	3	133	60	72

All values are derived from data as published in Appendix B.
All quantities in cubic decametres.

Table 10 (continued): NATURAL FLOW OF LODGE CREEK AT THE INTERNATIONAL BOUNDARY FOR THE YEAR 2006

Period	37	38	39	40	41	42	43	44
			Return Flow					
Altawan			From	Return Flow			Channel Loss	
Reservoir	Altawan		Spangler	From Bedford			To Inter-	Net
Area	Reservoir Depletion	Spangler Ditch	Ditch Squaw Coulee	-Walburger Coulee	Minor Diversions	Gross Depletion	National Boundary	Depletion Altawan
	Observed	Observed	Observed	Observed	Reported	37+38-39-40+41	Computed	42 - 43
Feb 27 - Mar 13	- 8	0	0	0	0	- 8	- 8	0
Mar 14 - 29	1 804	0	0	0	0	1804	74	1730
Mar 30 - Apr 13	1 239	0	0	0	124	1363	76	1287
Apr 14 - 28	- 76	0	0	0	14	- 62	- 37	- 25
Apr 29 - May 13	- 1 178	1 188	0	0	0	10	10	0
May 14 - 29	- 867	696	15		0	- 186	- 46	- 140
May 30 - Jun 13	- 1 326	0	0	0	0	- 1326	- 139	- 1187
Jun 14 - 28	365	0	0	0	0	365	63	302
Jun 29 - Jul 13	-1	0	0	0	0	- 1	- 1	0
Jul 14 - 29	- 438	397	0	0	0	- 41	- 39	- 2
Jul 30 - Aug 13	- 449	404	0	0	0	- 45	- 37	- 8
Aug 14 - 29	17	0	0	0	0	17	17	0
Aug 30 - Sep 13	2	0	0	0	0	2	2	0
Sep 14 - 28	- 14	0	0	0	0	- 14	- 14	0
Sep 29 - Oct 13	- 39	0	0	0	0	- 39	- 36	- 3
Oct 14 - 29	- 30	0	0	0	0	- 30	- 30	0
Total	- 999	2 685	15	0	138	1809	- 146	1955

All values are derived from data as published in Appendix B.
All quantities in cubic decametres.

Table 10 (continued): NATURAL FLOW OF LODGE CREEK AT THE INTERNATIONAL BOUNDARY FOR THE YEAR 2006

Period At Inter-National Boundary	45 Net Depletion In Canada 7 + 10 +13 +18 + 21 + 29 +36 + 44	46 Lodge Creek At Inter-National Boundary Observed	47 Natural Flow Of Lodge Creek 45 + 46	48 U.S.A. Share Of Natural Flow 50% of 47	49 Excess Flow To U.S.A. 46 - 48	50 Deficit(-) To Date Sum of 49
Mar 1 - 15	0	0	0	0	0	0
Mar 16 - 31	2 182	0	2 182	1 091	- 1 091	- 1 091
Apr 1 - 15	4 835	3 260	8 095	4 048	- 788	- 1 879
Apr 16 - 30	- 25	311	286	143	168	- 1 711
May 1 - 15	- 33	65	32	16	49	- 1 662
May 16 -31	- 104	234	130	65	169	- 1 493
Jun 1 - 15	- 1 401	1 251	0	0	1 251	- 242
Jun 16 - 30	269	16	285	143	- 127	- 369
Jul 1 - 15	0	0	0	0	0	- 369
Jul 16 - 31	- 2	0	0	0	0	- 369
Aug 1 - 15	- 111	0	0	0	0	- 369
Aug 16 - 31	0	0	0	0	0	- 369
Sep 1 - 15	0	0	0	0	0	- 369
Sep 16 - 30	0	0	0	0	0	- 369
Oct 1 - 15	- 3	0	0	0	0	- 369
Oct 16 - 31	0	0	0	0	0	- 369
Total	5 606	5 137	11 010			

All values are derived from data as published in Appendix B.
All quantities in cubic decametres.

Approved by: Russell Boals For Canada

Robert E. Kain For the United States

Table 11: HISTORICAL SUMMARY OF MARCH TO OCTOBER COMPUTED NATURAL AND RECORDED FLOW LODGE CREEK AT THE INTERNATIONAL BOUNDARY

(VALUES IN CUBIC DECAMETRES)

YEAR	COMPUTED NATURAL FLOW	CANADIAN & U.S.A. SHARES	RECORDED FLOW	YEAR	COMPUTED NATURAL FLOW	CANADIAN & U.S.A. SHARES	RECORDED FLOW
1950	17,900	8,950	16,600	1980	2,140	1,070	712
1951	63,000	31,500	50,200	1981	1,260	630	407
1952	161,000	80,500	147,000	1982	38,800	19,400	22,400
1953	38,200	19,100	27,200	1983	4,660	2,330	2,480
1954	13,000	6,500	7,620	1984	937	469	600
1955	97,100	48,550	75,400	1985	21,300	10,650	9,960
1956	21,200	10,600	15,700	1986	93,900	46,950	75,100
1957	32,800	16,400	24,500	1987	31,300	15,650	20,700
1958	48,200	24,100	42,100	1988	2,990	1,495	1,370
1959	21,200	10,600	14,300	1989	4,160	2,080	1,920
1960	39,600	19,800	29,500	1990	29,800	14,900	16,000
1961	2,210	1,105	1,020	1991	13,900	6,950	7,670
1962	25,600	12,800	18,900	1992	398	199	0
1963	14,300	7,150	7,500	1993	46,200	23,100	26,700
1964	9,790	4,895	5,130	1994	28,200	14,100	18,200
1965	95,400	47,700	68,100	1995	3,760	1,880	2,360
1966	44,200	22,100	30,200	1996	68,400	34,200	53,400
1967	90,400	45,200	73,300	1997	45,900	22,950	33,500
1968	4,910	2,455	2,650	1998	3,390	1,695	1,620
1969	36,900	18,450	20,900	1999	6,910	3,455	3,720
1970	29,100	14,550	16,100	2000	174	87	0
1971	26,300	13,150	13,100	2001	139	70	0
1972	27,400	13,700	13,600	2002	12,600	6,290	6,100
1973	2,080	1,040	1,070	2003	21,300	10,650	12,700
1974	27,000	13,500	14,500	2004	9,630	4,815	5,440
1975	48,000	24,000	34,500	2005	6,860	3,430	3,310
1976	29,500	14,750	22,300	2006	11,000	5,500	5,140
1977	1,230	615	888	AVERAGE			
1978	37,200	18,600	22,400	1950-2005	29,500	14,700	20,900
1979	47,000	23,500	30,400				

Table 12: NATURAL FLOW OF BATTLE CREEK AT THE INTERNATIONAL BOUNDARY FOR THE YEAR 2006

	1	2	3	4	5		6	7	8	9	10	11
Period Reesor Lake Area	Reesor Lake Depletion	Reesor Lake Minor Use	Gross Depletion Lake	Channel Loss To International Boundary	Net Depletion Upper Battle Creek	Period Gaff Ditch Area	Gaff Ditch	Return Flow	Gaff Ditch Area Minor Use	Gross Depletion Gaff Ditch	Channel Loss To International Boundary	Net Depletion Gaff Ditch
	Observed	Reported	1 + 2	Computed	3 - 4		Measured	Computed	Reported	4 - 5	Computed	6 - 7
Feb 23 - Mar 19	2	0	2	2	0	Feb 25-Mar 21	4	1	54	57	57	0
Mar 20 - Apr 3	6	33	39	39	0	Mar 22-Apr5	403	141	530	792	146	646
Apr 4 - 18	4	33	37	37	0	Apr 6 - 20	806	282	372	896	146	750
Apr 19 - May 3	18	0	18	18	0	Apr 21-May 5	242	85	195	352	146	206
May 4 - 19	41	0	41	41	0	May 6 - 21	9	3	295	301	156	145
May 20 - Jun 3	26	0	26	26	0	May 22-Jun 5	3	1	325	327	146	180
Jun 4 - 18	9	0	9	9	0	Jun 6 - 20	1	0	192	193	146	47
Jun 19 - Jul 3	14	0	14	14	0	Jun 21-Jul 5	0	0	8	8	8	0
Jul 4 -19	1	0	1	1	0	Jul 6 - 21	0	0	9	9	9	0
Jul 20 - Aug 3	10	0	10	10	0	Jul 22-Aug 5	0	0	1	1	1	0
Aug 4 - 19	2	0	2	2	0	Aug 6 - 21	0	0	0	0	0	0
Aug 20 - Sep 3	11	0	11	11	0	Aug 22-Sep 5	0	0	0	0	0	0
Sep 4 - 18	18	0	18	18	0	Sep 6 - 20	0	0	0	0	0	0
Sep 19 - Oct 3	36	0	36	36	0	Sep 21-Oct 5	0	0	0	0	0	0
Oct 4 - Oct 19	11	0	11	11	0	Oct 6 - 21	0	0	0	0	0	0
Oct 20 - 25	18	0	18	18	0	Oct 22-27	0	0	0	0	0	0
Total	227	65	292	292	0	Total	1 468	513	1 983	2 938	963	1 974

All values are derived from data as published in Appendix B.
All quantities in cubic decametres.

Table 12 (continued): NATURAL FLOW OF BATTLE CREEK AT THE INTERNATIONAL BOUNDARY FOR THE YEAR 2006

Period	12 West Cypress Lake Area	13 West Inflow Canal	14 West Outflow Canal	15 Total Release From Cypress Lake	16 Net Diversion To Cypress Lake	17 Vidora Ditch	18 Return Flow	19 Total Cypress Lake Diversion	20 Cypress Lake Area Minor Use	21 Gross Depletion Cypress Lake Area	22 Channel Loss To International Boundary	23 Net Depletion Cypress Lake Area
	Measured	Measured	Measured	13+14	12-15	Measured	Computed	16 + 17 - 18	Reported	13+14-15	Computed	16 - 17
Feb 26 - Mar 22	0	0	0	0	0	0	0	0	4	4	4	0
Mar 23 - Apr 6	1 887	37	0	37	1 850	0	0	1 850	42	1 892	110	1 782
Apr 7 - 21	460	29	0	29	431	0	0	431	0	431	110	321
Apr 22 - May 6	0	550	0	550	- 550	272	0	- 278	27	- 251	- 110	- 141
May 7 - 22	0	3 202	0	3 202	- 3 202	1 765	80	- 1 517	198	- 1 319	- 117	- 1 202
May 23 - Jun 6	0	127	0	127	- 127	119	28	-36	52	16	16	0
Jun 7 - 21	0	6	0	6	- 6	0	0	-6	0	-6	-6	0
Jun 22 - Jul 6	0	3	0	3	- 3	0	0	-3	0	-3	- 3	0
Jul 7 - 22	0	137	0	137	- 137	1	0	- 136	0	- 136	- 117	- 19
Jul 23 - Aug 6	0	0	0	0	0	0	0	0	0	0	0	0
Aug 7 - 22	0	0	0	0	0	0	0	0	0	0	0	0
Aug 23 - Sep 6	0	0	0	0	0	0	0	0	0	0	0	0
Sep 7 - 21	0	0	0	0	0	0	0	0	0	0	0	0
Sep 22 - Oct 6	0	0	0	0	0	0	0	0	0	0	0	0
Oct 7 - 22	0	0	0	0	0	0	0	0	0	0	0	0
Oct 23 - 28	0	0	0	0	0	0	0	0	0	0	0	0
Total	2 347	4 091	0	4 091	- 1 744	2 157	108	305	323	628	- 114	741

All values are derived from data as published in Appendix B.
All quantities in cubic decametres.

Table 12 (continued): NATURAL FLOW OF BATTLE CREEK AT THE INTERNATIONAL BOUNDARY FOR THE YEAR 2006

Period Consul Area	24 Richardson Ditch	25 McKinnon Ditch	26 Return Flow	27 Gross Canal Diversion	28 Consul Area Minor Use	29 Gross Depletion At Consul	30 Channel Loss To International Boundary	31 Net Depletion At Consul
	Measured	Measured	Computed	24+25-26	Reported	27+28	Computed	29 - 30
Feb 27 - Mar 23	0	0	0	0	0	0	0	0
Mar 24 - Apr 7	0	0	0	0	4	4	4	0
Apr 8 - 22	0	0	0	0	11	11	11	0
Apr 23 - May 7	229	194	9	414	0	414	74	340
May 8 - 23	1 016	1 014	112	1 918	0	1 918	79	1 839
May 24 - Jun 7	0	0	9	- 9	0	- 9	- 9	0
Jun 8 – 22	0	0	2	- 2	0	- 2	- 2	0
Jun 23 -Jul 7	0	0	0	0	0	0	0	0
Jul 8 - 23	0	0	0	0	0	0	0	0
Jul 24 - Aug 7	0	0	0	0	0	0	0	0
Aug 8 - 23	0	0	0	0	0	0	0	0
Aug 24 - Sep 7	0	0	0	0	0	0	0	0
Sep 8 - 22	0	0	0	0	0	0	0	0
Sep 23 - Oct 7	0	0	0	0	0	0	0	0
Oct 8 - 23	0	0	0	0	0	0	0	0
Oct 24 - 29	0	0	0	0	0	0	0	0
Total	1 245	1 208	132	2 321	15	2 336	157	2 179

All values are derived from data as published in Appendix B.
All quantities in cubic decametres.

Table 12 (continued): NATURAL FLOW OF BATTLE CREEK AT THE INTERNATIONAL BOUNDARY FOR THE YEAR 2006

Period Nashlyn Area	32 Nashlyn Canal Measured	33 Return Flow Computed	34 Gross Canal Diversion 32 - 33	35 Nashlyn Area Minor Use Reported	36 Gross Depletion At Nashlyn 34 + 35	37 Channel Loss To International Boundary Computed	38 Net Depletion At Nashlyn 36 - 37
Feb 28 - Mar 24	441	97	344	7	351	61	290
Mar 25 - Apr 8	920	197	723	33	756	36	720
Apr 9 - 23	881	264	617	0	617	36	581
Apr 24 - May 8	6	3	3	12	15	15	0
May 9 - 24	538	*13	525	0	525	39	486
May 25 - Jun 8	67	**348	- 281	0	- 281	- 36	- 245
Jun 9 - 23	0	0	0	0	0	0	0
Jun 24 - Jul 8	0	0	0	0	0	0	0
Jul 9 - 24	0	0	0	0	0	0	0
Jul 25 - Aug 8	0	0	0	0	0	0	0
Aug 9 - 24	0	0	0	0	0	0	0
Aug 25 - Sep 8	0	0	0	0	0	0	0
Sep 9 - 23	0	0	0	0	0	0	0
Sep 24 - Oct 8	0	0	0	0	0	0	0
Oct 9 - 24	0	0	0	0	0	0	0
Oct 25 - 30	0	0	0	0	0	0	0
Total	2 853	922	1 931	52	1 983	150	1 832

* Volume determined from hydrographic analysis.

** Volume released from Nashlyn Reservoir was 304 dam^3 and was applied to period # 6.

All values are derived from data as published in Appendix B.
All quantities in cubic decametres.

Table 12 (continued): NATURAL FLOW OF BATTLE CREEK AT THE INTERNATIONAL BOUNDARY FOR THE YEAR 2006

Period At International Boundary	39 Net Depletion In Canada	40 Battle Creek At International Boundary	41 Natural Flow Of Battle Creek	42 U.S.A. Share Of Natural Flow	43 Excess Flow To The U.S.A.	44 Deficit(-) To Date
	5+11+23+31+38	Measured	39 + 40	50% of 41	40 - 42	Sum of 43
Mar 1 - 25	290	483	773	387	96	0
Mar 26 - Apr 9	3 148	629	3 777	1 889	- 1 260	- 1 260
Apr 10 - 24	1 652	478	2 130	1 065	- 587	- 1 847
Apr 25 - May 9	405	489	894	447	42	- 1 805
May 10 - 25	1 268	116	1 384	692	- 576	- 2 381
May 26 - Jun 9	- 65	771	706	353	418	- 1 963
Jun 10 - 24	47	632	679	340	292	- 1 671
Jun 25 - Jul 9	0	477	477	239	238	- 1 433
Jul 10 - 25	- 19	144	125	63	81	- 1 352
Jul 26 - Aug 9	0	6	6	3	3	- 1 349
Aug 10 - 25	0	0	0	0	0	- 1 349
Aug 26 - Sep 9	0	0	0	0	0	- 1 349
Sep 10 - 24	0	0	0	0	0	- 1 349
Sep 25 - Oct 9	0	248	248	124	124	- 1 225
Oct 10 - 25	0	347	347	174	173	- 1 052
Oct 26 - 31	0	165	165	83	82	- 970
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Total	6 726	4 985	11 711	5 859	- 874	- 970

All values are derived from data as published in Appendix B.
All quantities in cubic decametres.

Approved by: Russell Boals For Canada

Robert B. Kain For the United States

Table 13: HISTORICAL SUMMARY OF MARCH TO OCTOBER COMPUTED NATURAL AND RECORDED FLOW
BATTLE CREEK AT INTERNATIONAL BOUNDARY
(VALUES IN CUBIC DECAMETRES)

YEAR	COMPUTED NATURAL FLOW	CANADIAN & U.S.A. SHARES	RECORDED FLOW
1940	45,000	22,500	32,100
1941	31,300	15,650	20,900
1942	27,500	13,750	13,500
1943	40,700	20,350	28,000
1944	13,000	6,500	9,460
1945	11,000	5,500	9,970
1946	12,800	6,400	8,590
1947	13,900	6,950	8,540
1948	23,100	11,550	9,670
1949	1,650	825	2,160
1950	23,800	11,900	12,700
1951	35,900	17,950	20,400
1952	138,000	69,000	128,000
1953	46,600	23,300	34,800
1954	40,900	20,450	31,500
1955	111,000	55,500	118,000
1956	31,600	15,800	24,900
1957	33,900	16,950	23,000
1958	34,300	17,150	25,000
1959	22,400	11,200	14,700
1960	34,500	17,250	19,400
1961	6,970	3,485	5,500
1962	9,090	4,545	6,010
1963	9,920	4,960	5,800
1964	13,100	6,550	6,670
1965	67,400	33,700	34,000
1966	45,900	22,950	24,900
1697	80,500	40,250	67,700
1968	20,100	10,050	12,800
1969	35,500	17,750	21,600
1970	38,300	19,500	22,600
1971	23,800	11,900	15,400
1972	27,500	13,750	17,200
1973	11,800	5,900	6,170
1974	23,700	11,850	15,200
1975	54,500	27,250	32,400
1976	34,500	17,250	21,200
1977	5,850	2,925	3,330
1978	28,500	14,250	16,700
1979	47,500	23,750	27,600
1980	9,960	4,980	5,860
1981	8,900	4,450	5,610
1982	36,100	18,050	21,900
1983	17,700	8,850	9,660
1984	5,490	2,745	2,820
1985	20,800	10,400	10,500
1986	75,200	37,600	49,500
1987	36,400	18,200	18,500
1988	9,940	4,970	4,650
1989	8,590	4,295	5,090
1990	19,400	9,700	10,700
1991	18,800*	9,400	9,930
** 1992	7,490	3,745	4,820
** 1993	34,500	17,250	17,800
** 1994	34,400	17,200	18,300
1995	17,700	8,850	9,310
1996	79,400	39,700	38,100
1997	63,000	31,500	43,600
1998	12,100	6,050	6,300
1999	11,400	5,700	6,890
*** 2000	5,710	2,855	2,990
2001	4,480	2,240	1,720
2002	23,700	11,850	12,600
2003	27,300	13,650	15,600
2004	25,800	12,900	17,200
** 2005	17,800	8,900	9,480
2006	11,700	5,850	4,990
AVERAGE 1940-2005	30,100	15,100	20,000

* Revised

** For comparison purposes, totals for Mar 1 to Oct 31 are shown. Additional periods are not included.

*** Between 2000 and 2002, the values for 2000 were reported as 5 700, 2 850, and 2 990 and in 2003 the values were erroneously reported as 5 670, 2 830, and 2 950. The values for the year 2000 currently shown in the above table are correct.

Table 14: NATURAL FLOW OF FRENCHMAN RIVER AT THE INTERNATIONAL BOUNDARY FOR THE YEAR 2006

	1	2	3	4	5	6
Period For Cypress Lake Area	Belanger Creek Diversion	Cypress Lake East Outflow Canal	Cypress Lake Area Minor Use	Gross Depletion At Cypress Lake	Channel Loss To Inter - National Boundary	Net Depletion At Cypress Lake
	Measured	Measured	Reported	1 – 2 + 3	Computed	4 - 5
Feb 20 - Mar 6	0	31	0	- 31	- 31	0
Mar 7 - 22	0	86	0	- 86	- 86	0
Mar 23 - Apr 6	3 261	149	357	3 469	675	2 794
Apr 7 - 21	435	30	321	726	311	415
Apr 22 - May 6	390	61	52	381	249	132
May 7 - 22	856	147	38	747	389	358
May 23 - Jun 6	245	42	71	274	240	34
Jun 7 - 21	0	33	71	38	38	0
Jun 22 - Jul 6	0	11	43	32	32	0
Jul 7 - 22	0	3	0	- 3	- 3	0
Jul 23 - Aug 6	0	1	0	- 1	- 1	0
Aug 7 - 22	0	1	0	- 1	- 1	0
Aug 23 - Sep 6	0	1	0	- 1	- 1	0
Sep 7 - 21	0	2	0	- 2	- 2	0
Sep 22 - Oct 6	0	10	0	- 10	- 10	0
Oct 7 – 22	0	18	0	- 18	- 18	0
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Total	5 187	626	953	5 514	1 782	3 732

All values are derived from data as published in Appendix B.
All quantities in cubic decametres.

Table 14 (continued): NATURAL FLOW OF FRENCHMAN RIVER AT THE INTERNATIONAL BOUNDARY FOR THE YEAR 2006

	7	8	9	10	11	12	13
Period For Eastend Area	Eastend Reservoir Depletion	Eastend Canal	Return Flow	Eastend Area Minor Use	Gross Depletion At Eastend	Channel Loss At Inter - National Boundary	Net Depletion At Eastend
	Observed	Measured	Computed	Reported	7+8-9+10	Computed	9-10
Feb 22 - Mar 8	12	0	0	0	12	12	0
Mar 9 - 24	7	0	0	25	32	32	0
Mar 25 - Apr 8	1 858	0	0	249	2 107	415	1 692
Apr 9 - 23	230	0	0	86	316	204	112
Apr 24 - May 8	304	106	27	290	673	272	401
May 9 - 24	-1 797	3 197	799	46	647	309	338
May 25 - Jun 8	- 302	947	237	0	408	252	156
Jun 9 -23	863	0	0	35	898	470	428
Jun 24 - Jul 8	321	0	0	18	339	246	93
Jul 9 - 24	- 64	97	24	11	20	20	0
Jul 25 - Aug 8	- 769	797	199	0	- 171	- 171	0
Aug 9 - 24	113	0	0	0	113	113	0
Aug 25 - Sep 8	13	0	0	0	13	13	0
Sep 9 - 23	141	0	0	0	141	141	0
Sep 24 - Oct 8	175	0	0	0	175	175	0
Oct 9 - 24	165	0	0	0	165	165	0
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Total	1 270	5 144	1 286	760	5 888	2 669	3 219

All values are derived from data as published in Appendix B.
All quantities in cubic decametres.

Table 14 (continued): NATURAL FLOW OF FRENCHMAN RIVER AT THE INTERNATIONAL BOUNDARY FOR THE YEAR 2006

	14	15	16	17	18	19	20	21	22	23	24	25
Period For Val Marie Area	Huff Lake Net Depletion	Newton Lake Net Depletion	Total Change In Reservoir Contents	Huff Lake Gravity Canal	Huff Lake Pumping Canal	Newton Lake Main Canal	Total Canal Diversion	Return flow	Val Marie Area Minor Use	Gross Depletion At Val Marie	Channel Loss To Boundary	Net Depletion At Val Marie
	Observed	Observed	12+13	Measured	Measured	Measured	15+16+17	Computed	Reported	14+18-19	Computed	20-21
Feb 26- Mar 12	- 266	590	324	0	0	0	0	0	0	324	84	240
Mar 13 - 28	1 285	696	1 981	0	0	0	0	0	142	2 123	160	1 963
Mar 29 - Apr 12	- 246	4 442	4 196	0	0	0	0	0	246	4 442	336	4 106
Apr 13 - 27	73	- 3	70	0	0	0	0	0	82	152	78	74
Apr 28 - May 12	199	1 163	1 362	90	63	0	153	38	99	1 576	224	1 352
May 13 - 28	-2 271	-2 659	- 4 930	1 753	1 046	3 511	6 310	1 578	354	156	86	70
May 29 - Jun 12	- 157	- 562	- 719	174	495	1 024	1 693	423	0	551	150	401
Jun 13 - 27	414	56	470	0	0	0	0	0	0	470	137	333
Jun 28 - Jul 12	60	62	122	0	0	0	0	0	0	122	82	40
Jul 13 - 28	- 182	- 2 877	- 3 059	73	55	2 431	2 559	640	0	- 1 140	- 249	- 891
Jul 29 - Aug 12	- 923	-1 077	- 2 000	439	452	1 107	1 998	500	0	- 502	- 142	- 360
Aug 13 - 28	2	20	22	0	0	0	0	0	0	22	22	0
Aug 29 - Sep 12	- 3	12	9	0	0	0	0	0	0	9	9	0
Sep 13 - 27	1	- 25	- 24	0	0	0	0	0	0	- 24	- 24	0
Sep 28 - Oct 12	- 5	- 27	- 32	0	0	0	0	0	0	- 32	- 32	0
Oct 13 - 28	15	- 565	- 550	0	0	0	0	0	0	- 550	- 107	- 443
	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Total	- 2 004	- 754	- 2 758	2 529	2 111	8 073	12 713	3 179	923	7 699	815	6 884

All values are derived from data as published in Appendix B.
All quantities in cubic decametres.

Table 14 (continued): NATURAL FLOW OF FRENCHMAN RIVER AT THE INTERNATIONAL BOUNDARY FOR THE YEAR 2006

Period At International Boundary	26 Near International Boundary Minor Use	27 Net Depletion In Canada	28 Frenchman River At International Boundary	29 Natural Flow Of Frenchman River	30 U.S.A. Share Of Natural Flow	31 Excess Flow To The U.S.A.	32 Deficit(-) To Date
	Reported	6+13+25+26	Measured	27+28	50% of 29	28-29	Sum of 31
Mar 1 - 15	0	240	213	453	227	- 14	- 14
Mar 16 - 31	0	1 963	4 325	6 288	3 144	1 181	0
Apr 1 - 15	92	8 684	12 755	21 439	10 719	2 036	0
Apr 16 - 30	0	600	3 343	3 943	1 971	1 372	0
May 1 - 15	0	1 884	326	2 210	1 105	- 779	- 779
May 16 - 31	0	765	1 387	2 152	1 076	311	- 468
Jun 1 - 15	0	592	907	1 499	749	158	- 310
Jun 16 - 30	0	761	1 048	1 809	904	144	- 166
Jul 1 - 15	0	133	3	136	68	- 65	- 231
Jul 16 - 31	0	- 891	118	0	0	118	- 113
Aug 1 - 15	0	- 360	415	55	28	387	0
Aug 16 - 31	0	0	2	2	1	1	0
Sep 1 - 15	0	0	0	0	0	0	0
Sep 16 - 30	0	0	0	0	0	0	0
Oct 1 - 15	0	0	53	53	27	26	0
Oct 16 - 31	0	- 443	180	0	0	180	0
Total	92	13 927	25 075	40 039	20 019	5 056	0

All values are derived from data as published in Appendix B.
All quantities in cubic decameters

Approved by: Russell Boals For Canada

Robert Blain For the United States

Table 15: HISTORICAL SUMMARY OF MARCH TO OCTOBER COMPUTED NATURAL AND RECORDED FLOW FRENCHMAN RIVER AT INTERNATIONAL BOUNDARY

(VALUES IN CUBIC DECAMETRES)

YEAR	COMPUTED NATURAL FLOW	CANADIAN & U.S.A. SHARES	RECORDED FLOW	YEAR	COMPUTED NATURAL FLOW	CANADIAN & U.S.A. SHARES	RECORDED FLOW
1940	101,000	50,500	84,100	1975	92,000	46,000	60,700
1941	71,100	35,550	57,600	1976	90,700	45,350	74,000
1942	72,200	36,100	52,200	1977	12,700	6,350	8,260
1943	165,000	82,500	147,000	1978	67,900	33,950	41,300
1944	69,600	34,800	50,600	1979	108,000	54,000	77,400
1945	42,600	21,300	28,400	1980	33,400	16,700	17,800
1946	39,800	19,900	26,500	1981	18,100	9,050	8,300
1947	65,100	32,550	43,200	1982	115,000	57,500	82,500
1948	49,000	24,500	31,000	1983	44,200	22,100	23,000
1949	17,700	8,850	8,010	1984	11,900	5,950	5,640
1950	93,300	46,650	73,600	1985	42,500	21,250	22,200
1951	137,000	68,500	111,000	1986	107,000	53,500	74,100
1952	445,000	222,500	434,000	1987	79,600	39,800	59,500
1953	92,400	46,200	72,000	1988	13,500	6,750	6,050
1954	110,000	55,000	92,500	1989	22,800	11,400	12,000
1955	230,000	115,000	210,000	1990	34,400	17,200	19,900
1956	59,700	29,850	42,000	1991	101,000	50,500	72,100
1957	48,000	24,000	32,700	1992	11,100	5,550	5,980
1958	79,400	39,700	64,300	1993	77,300	38,650	49,200
1959	64,000	32,000	41,200	1994	97,900	48,950	76,400
1960	93,000	46,500	75,400	1995	25,100	12,550	12,300
1961	23,100	11,550	11,500	1996	169,000	84,500	134,000
1962	78,100	39,050	48,200	1997	192,000	96,000	167,000
1963	57,700	28,850	41,800	1998	19,500	9,750	9,500
1964	25,100	12,550	13,300	1999	83,600	41,800	59,300
1965	132,000	66,000	95,100	2000	29,300	14,650	14,900
1966	91,200	45,600	66,500	2001	11,800	5,900	6,380
1967	131,000	65,500	108,000	2002	59,700	29,900	37,900
1968	49,700	24,850	27,100	2003	65,500	32,750	56,200
1969	97,900	48,950	71,500	2004	71,700	35,850	48,200
1970	133,000	66,500	102,000	2005	38,800	19,400	27,800
1971	57,100	28,550	39,400	2006	40,000	20,000	25,100
1972	45,900	22,950	25,000	AVERAGE			
1973	27,500	13,750	14,700	1940-2005	78,000	39,000	58,900
1974	104,000	52,000	75,600				

APPENDIX B

TABLE OF CONTENTS

Station Name	Station Number	Page
Joint Review And Approval of Records – St. Mary and Milk Rivers		1
St. Mary River at International Boundary	05AE027	2
Lake Sherburne at Sherburne, Montana	05AE036	3
St. Mary Canal at St. Mary Crossing	05AE029	4
Milk River at Eastern Crossing of International Boundary	11AA031	5
Milk River at Western Crossing of International Boundary	11AA025	6
North Fork Milk River above St. Mary Canal, near Browning, Montana	11AA032	7
North Milk River near International Boundary	11AA001	8
Milk River at Milk River, Alberta	11AA005	9
Verdigris Coulee near the Mouth	11AA038	10
Joint Review and Approval of Records – Eastern Tributaries		11
Lodge Creek Below McRae Creek at International Boundary	11AB083	12
Michel Reservoir near Elkwater	11AB091	13
Greasewood Reservoir near Elkwater	11AB092	14
Massy Reservoir near Elkwater	11AB104	15
Bare Creek Reservoir near Elkwater	11AB094	16
Cressday Reservoir near Cressday	11AB097	17
Mitchell Reservoir near Elkwater	11AB099	18
Jaydot Reservoir near Jaydot	11AB098	19
Middle Creek near Saskatchewan Boundary	11AB009	20
Middle Creek Reservoir Bedford Outlet	11AB114	21
Middle Creek Reservoir Flood Spillway	11AB115	22
Middle Creek below Middle Creek Reservoir	11AB001	23
Middle Creek above Lodge Creek	11AB008	24
Middle Creek near Govenlock	11AB108	25
Altawan Evaporation	11EV089	26
Altawan Reservoir near Govenlock	11AB089	28
Spangler Ditch near Govenlock	11AB060	29
Squaw Coulee near Willow Creek	11AB103	30
Lodge Creek Basin Minor Diversions		31

TABLE OF CONTENTS (continued)

Station Name	Station Number	Page
Battle Creek at International Boundary	11AB027	33
Reesor Reservoir near Elkwater	11AB090	34
Gaff Ditch near Merryflat	11AB102	35
Cypress Lake West Inflow Canal	11AB078	36
Cypress Lake West Outflow Canal	11AB077	37
Cypress Lake West Inflow Canal Drain	11AB085	38
Vidora Ditch near Consul	11AB084	39
Richardson Ditch near Consul	11AB058	40
McKinnon Ditch near Consul	11AB044	41
Nashlyn Canal near Consul	11AB018	42
Battle Creek Basin Minor Diversions		43
Frenchman River at International Boundary	11AC041	47
Belanger Creek Diversion to Cypress Lake	11AC064	48
Cypress Lake	11AC037	49
Cypress Lake East Outflow Canal	11AC060	50
Eastend Reservoir	11AC055	51
Eastend Canal near Eastend	11AC052	52
Val Marie Evaporation	11EV063	53
Huff Lake	11AC063	54
Newton Lake	11AC056	55
Huff Lake Gravity Canal	11AC065	56
Huff Lake Pumping Canal	11AC066	57
Newton Lake Main Canal	11AC054	58
Frenchman River Basin Minor Diversions		59
Table 16		
Month-End Contents of Major Reservoirs in Lodge Creek, Battle Creek, and Frenchman River Basins		63
Lyons Creek at International Boundary	11AB075	64

International Gauging Stations
Joint Review and Approval of Records

Pursuant to Article V of the International Joint Commission Order of October 4, 1921, the International Gauging Stations Listed below have been operated and maintained by the Water Survey of Canada and the United States Geological Survey on a joint basis.

It is hereby certified that the annexed records have been computed in accordance with standard procedures of each country and jointly reviewed and approved on this 22nd day of February, 2007.

St. Mary River at International Boundary	05AE027
Lake Sherburne at Sherburne, Montana	05AE036
St. Mary Canal at St. Mary Crossing	05AE029
Milk River at Eastern Crossing of International Boundary	11AA031
Milk River at Western Crossing of International Boundary	11AA025
North Fork Milk River above St. Mary Canal, near Browning, Montana	11AA032
North Milk River near International Boundary	11AA001
Milk River at Milk River, Alberta	11AA005
Verdigris Coulee near the Mouth	11AA038

Field Representative for the United States

Field Representative for Canada

UNITED STATES DEPARTMENT OF THE INTERIOR - GEOLOGICAL SURVEY - WATER RESOURCES DIVISION

05020500 ST MARY RIVER AT INTERNATIONAL BOUNDARY 05AE027

DISCHARGE, IN CUBIC METERS PER SECOND, CALENDAR YEAR JANUARY TO DECEMBER 2006

DAILY MEAN VALUES

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	6.20	6.85	e4.53	4.62	17.9	39.6	42.8	15.3	5.18	7.84	e3.68	e13.6
2	6.26	6.94	e4.53	4.70	21.3	39.1	42.2	14.4	5.04	7.50	e3.96	e13.0
3	6.12	7.22	e4.81	4.98	24.0	42.2	41.3	13.4	4.84	7.28	4.25	e10.5
4	5.69	6.34	e4.81	6.91	25.3	47.6	39.6	12.7	4.59	7.08	4.28	e8.50
5	5.15	6.17	e5.10	10.0	24.8	52.4	37.4	11.5	4.45	7.05	4.64	7.96
6	5.30	5.44	e5.38	12.0	23.9	58.3	34.8	10.8	4.50	6.88	4.56	7.02
7	5.61	5.80	e5.38	13.5	23.8	60.9	31.4	10.2	5.10	6.57	25.5	6.71
8	6.09	5.69	e3.40	12.7	24.2	61.2	28.9	9.66	5.49	6.48	121	8.01
9	e6.51	5.49	e2.41	12.0	23.7	60.6	27.0	9.63	5.61	6.48	153	8.72
10	e7.36	5.58	e3.40	11.3	22.9	73.1	25.7	9.20	5.64	6.29	138	9.03
11	e7.65	5.30	e5.66	10.7	22.0	81.6	25.1	9.40	5.47	6.03	113	9.20
12	e7.36	5.58	e6.51	10.0	21.8	79.3	23.6	8.64	5.27	5.92	88.6	9.23
13	e7.65	4.90	e7.36	9.23	21.3	73.6	21.7	8.18	6.43	5.66	70.2	e8.78
14	e8.21	4.87	e8.50	10.2	21.4	106	19.4	7.67	7.02	5.49	55.8	e8.50
15	e8.50	4.70	e8.78	10.1	22.4	110	17.2	7.33	7.79	5.32	47.3	e8.21
16	e9.06	3.96	e7.65	10.3	25.7	122	15.4	7.28	8.41	5.47	40.5	e8.50
17	e9.91	e4.25	e5.10	10.4	31.7	133	15.3	7.36	8.55	5.44	33.4	e8.21
18	e9.63	e4.11	e4.25	10.5	39.4	136	16.1	7.36	8.75	5.55	28.6	e7.93
19	8.69	e3.96	e3.40	10.5	49.0	117	16.5	6.80	9.94	5.38	24.9	e7.36
20	8.69	e3.96	e3.68	10.7	57.2	100	16.3	6.26	9.40	5.52	23.7	e7.65
21	8.55	e3.68	2.89	10.8	64.0	79.6	16.2	6.03	9.83	5.64	22.1	e7.08
22	8.30	e3.54	2.69	11.2	72.8	64.3	16.6	6.03	12.2	5.47	20.9	e6.51
23	8.69	e3.40	3.77	12.3	77.3	52.4	16.7	6.17	11.5	5.38	20.0	e5.95
24	8.44	e3.40	4.36	13.0	77.9	44.7	17.2	5.95	10.3	5.15	19.2	e5.38
25	8.13	e3.96	5.30	12.3	74.5	39.6	18.2	6.09	9.15	4.96	e16.4	e4.81
26	7.73	e3.96	5.89	10.2	71.4	36.8	17.5	6.14	8.27	5.10	e15.3	e3.96
27	7.62	e3.96	4.56	10.6	66.0	35.7	16.8	5.92	7.84	4.93	e14.7	e3.68
28	7.31	e4.25	4.30	10.9	63.1	38.8	16.3	5.75	7.87	4.81	e14.2	e3.40
29	6.82	---	4.19	11.6	55.8	41.3	16.9	5.49	8.07	4.59	e13.6	e3.11
30	6.97	---	4.28	13.5	48.7	43.0	16.8	5.47	8.04	4.25	e13.3	e3.11
31	6.77	---	4.53	---	42.5	---	16.2	5.15	---	e3.96	---	e2.83
TOTAL	230.97	137.26	151.40	311.74	1257.7	2069.7	723.1	257.26	220.54	179.47	1158.57	226.44
MEAN	7.451	4.902	4.884	10.39	40.57	68.99	23.33	8.299	7.351	5.789	38.62	7.305
DAM3	19960	11860	13080	26930	108670	178760	62480	22230	19050	15510	100100	19560
MAX	9.91	7.22	8.78	13.5	77.9	136	42.8	15.3	12.2	7.84	153	13.6
MIN	5.15	3.40	2.41	4.62	17.9	35.7	15.3	5.15	4.45	3.96	3.68	2.83

FOR THE SEASON, MARCH TO OCTOBER:
TOTAL DISCHARGE:446 800 DAM3
MAX INST DISCHARGE: 164 M3/S AT 0245 HRS ON NOV 9 (G.H. 2.362 M)
MIN DAILY DISCHARGE: 2.41 M3/S ON MAR 9

FOR THE YEAR 2006:
TOTAL DISCHARGE 598 200 DAM3

e--ESTIMATED

APPROVED BY FIELD REPRESENTATIVES OF THE UNITED STATES AND CANADA

UNITED STATES DEPARTMENT OF THE INTERIOR - GEOLOGICAL SURVEY - WRD

05015500 LAKE SHERBURNE AT SHERBURNE, MT 05AE036

Monthend gage heights and contents at 2400 hours

Date	Gage height (metres)	Contents (cubic decametres)	Change in Contents (cubic decametres)
Sept. 30, 2005	12.860	14 920	
Oct. 31, 2005	18.657	37 890	+ 22 970
Nov. 30, 2005	20.345	45 820	+ 7 930
Dec. 31, 2005	21.251	50 290	+ 4 470
--	--	--	--
		Total 2005 calendar year	+ 5 240
Jan. 31, 2006	22.464	56 790	+ 6 500
Feb. 28, 2006	23.028	59 980	+ 3 190
Mar. 31, 2006	18.212	35 890	- 24 090
April 30, 2006	15.517	24 580	- 11 310
May 31, 2006	20.623	47 170	+ 22 590
June 30, 2006	26.880	84 100	+ 36 930
July 31, 2006	24.637	69 540	- 14 560
Aug. 31, 2006	18.087	35 330	- 34 210
Sept. 30, 2006	11.808	11 540	- 23 790
--	--	--	--
		Total 2006 water year	- 3 380
Oct. 31, 2006	12.841	14 860	+ 3 320
Nov. 30, 2006	20.556	46 840	+ 31 980
Dec. 31, 2006	21.400	51 050	+ 4 210
--	--	--	--
		Total 2006 calendar year	+ 760

Maximum contents: 84 230 dam^3 at 1030 hrs on June 30 (gage height 26.899 m).
Minimum contents: 10 190 dam^3 at 0500 hrs on Sep 23 (gage height 11.363 m).

APPROVED BY FIELD REPRESENTATIVES OF THE UNITED STATES AND CANADA

WATER SURVEY OF CANADA
2006-12-12 13:49
CALGARY, ALTA.

ST. MARY CANAL AT ST. MARY CROSSING

STATION NO. 05AE029

CompuMod 1.7.3

DAILY MEAN DISCHARGE IN CUBIC METRES PER SECOND FOR 2006

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.000	14.4	19.0	18.3	18.2	16.3	15.2	0.000	---	---	1
2	---	---	0.000	14.4	19.2	18.2 A	18.1	16.2	15.2	0.000	---	---	2
3	---	---	0.000	13.6	19.2	18.3	18.0	16.1	15.1	0.000	---	---	3
4	---	---	0.000	11.4	19.2	18.5	17.9	16.0	15.1	0.000	---	---	4
5	---	---	0.000	9.94	19.2	18.7	17.8	15.9	15.0	0.000	---	---	5
6	---	---	0.000	10.1	19.2	18.8	17.7	15.8	15.0	0.000	---	---	6
7	---	---	3.56	10.1	19.1	18.7	17.6	15.8	15.0 A	0.000	---	---	7
8	---	---	5.05	10.0	19.1	18.8	17.5	15.7	15.0	0.000	---	---	8
9	---	---	4.63	10.0	19.1	18.9	17.4	15.7	15.0	0.000	---	---	9
10	---	---	6.81	9.85	19.0	19.1	17.3	15.6	14.9	0.000	---	---	10
11	---	---	9.11 A	9.83	19.0	19.2	17.3	15.4	14.9	0.000	---	---	11
12	---	---	8.80 E	11.1	19.0	19.2	17.2	15.5	14.8	0.000	---	---	12
13	---	---	8.50 E	13.3	19.0	19.1	17.1	15.6	14.8	0.000	---	---	13
14	---	---	8.20 E	13.2	18.9	18.7	16.9	15.5	14.8	0.000	---	---	14
15	---	---	7.95 A	14.9	19.0	16.1	16.8	15.3	14.1	0.000	---	---	15
16	---	---	8.21	15.2	19.0	16.1	16.7	15.5	12.6	0.000	---	---	16
17	---	---	11.2	15.4	18.9	15.9	16.7	15.6	11.7	0.000	---	---	17
18	---	---	11.9	15.4	19.1	15.7	16.7	15.4	10.9	0.000	---	---	18
19	---	---	11.7	15.4	19.4	15.8	16.7	15.4	9.02	0.000	---	---	19
20	---	---	11.7	15.2	19.7	17.5	16.7	15.3	8.93	0.000	---	---	20
21	---	---	11.8	15.2	20.0	18.2	16.7	15.2	7.28	0.000	---	---	21
22	---	---	11.9	15.2	19.6	17.8	16.7	15.2	4.00	0.000	---	---	22
23	---	---	12.3	15.2	18.5	17.5	16.7	15.2	1.51	0.000	---	---	23
24	---	---	12.9	15.2	18.4	17.2	16.7	15.4	0.079	0.000	---	---	24
25	---	---	13.5	16.1	18.4	17.0	16.7	15.4	0.042	0.000	---	---	25
26	---	---	14.0	18.3	18.3	16.9	16.5	15.4	0.000	0.000	---	---	26
27	---	---	14.2	18.4	18.3	16.8	16.6	15.4	0.000	0.000 A	---	---	27
28	---	---	14.2	18.5	18.2	17.1	16.6	15.3	0.000	0.000 E	---	---	28
29	---		14.3	18.8	17.9	18.1	16.6	15.3	0.000	0.000 E	---	---	29
30	---		14.4	18.9	17.8	18.2	16.5	15.3	0.000	0.000 E	---	---	30
31	---		14.4		18.4		16.3	15.2		0.000 E		---	31
TOTAL			265.220	422.52	586.1	534.4	528.9	481.9	289.961	0.000			TOTAL
MEAN			8.56	14.1	18.9	17.8	17.1	15.5	9.67	0.000			MEAN
DAM3			22900	36500	50600	46200	45700	41600	25100	0.000			DAM3
MAX			14.4	18.9	20.0	19.2	18.2	16.3	15.2	0.000			MAX
MIN			0.000	9.83	17.8	15.7	16.3	15.2	0.000	0.000			MIN

SUMMARY FOR THE YEAR
Total discharge, 268 600 DAM3
Maximum daily discharge, 20.0 M3/S On 2006-05-21
Minimum daily discharge, 0.000 M3/S On 2006-03-01
Max Inst discharge, not valid
Min Inst discharge, not valid
Remarks, 2006 Regulated canal flow, Max. daily discharge valid.

HQ #8.00: 1991-03-01 to open shift corr

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED

APPROVED BY FIELD REPRESENTATIVES OF THE UNITED STATES AND CANADA

U.S. DEPARTMENT OF THE INTERIOR - U.S. GEOLOGICAL SURVEY - WATER RESOURCES

06135000 MILK RIVER AT EASTERN CROSSING OF INTERNATIONAL BOUNDARY 11AA031

DISCHARGE, IN CUBIC METERS PER SECOND, CALENDAR YEAR JANUARY TO DECEMBER 2005

DAILY MEAN VALUES

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	---	---	e0.850	23.7	e20.7	20.0	20.8	13.5	13.0	e3.62	---	---
2	---	---	e0.850	24.0	21.1	20.2	19.9	13.1	12.9	e3.23	---	---
3	---	---	e0.991	29.4	20.5	19.7	20.6	13.3	13.2	e2.92	---	---
4	---	---	e0.850	27.6	19.7	21.4	20.6	13.2	12.8	e2.66	---	---
5	---	---	e0.991	27.8	19.2	19.6	20.0	13.5	12.9	2.46	---	---
6	---	---	e1.13	26.1	20.4	21.4	19.5	13.9	13.0	2.27	---	---
7	---	---	e1.27	25.0	21.4	22.6	18.7	13.5	12.8	2.12	---	---
8	---	---	e1.56	30.6	21.5	22.2	18.4	13.2	12.6	1.93	---	---
9	---	---	e1.84	38.5	21.4	21.9	17.7	13.3	12.8	1.84	---	---
10	---	---	e1.70	32.3	21.0	24.7	16.3	13.1	12.9	1.73	---	---
11	---	---	e1.98	26.4	20.4	22.9	16.1	13.1	13.0	1.78	---	---
12	---	---	e1.70	25.3	20.6	19.7	16.3	13.7	12.8	1.73	---	---
13	---	---	e1.56	23.4	20.5	21.5	15.4	13.8	12.7	1.78	---	---
14	---	---	e1.56	21.7	20.3	23.3	15.4	14.2	12.8	1.73	---	---
15	---	---	e1.70	20.6	20.2	35.1	14.9	e13.6	13.9	1.67	---	---
16	---	---	e1.98	19.4	20.3	43.6	14.6	e12.9	15.0	1.67	---	---
17	---	---	e2.83	20.2	20.0	31.7	14.7	e14.4	14.2	1.61	---	---
18	---	---	e5.66	20.5	19.6	28.9	14.4	e14.5	13.7	1.59	---	---
19	---	---	e11.3	21.1	19.0	27.5	14.5	e14.8	13.0	1.59	---	---
20	---	---	e17.0	21.3	20.0	26.1	14.4	14.6	11.9	1.93	---	---
21	---	---	e15.6	20.8	19.0	23.4	14.5	15.4	11.0	2.32	---	---
22	---	---	e14.2	20.9	20.0	21.3	14.5	14.0	10.9	2.38	---	---
23	---	---	e19.8	20.8	19.3	20.2	14.6	13.5	10.0	2.24	---	---
24	---	---	e28.3	19.8	17.6	19.7	14.2	13.4	8.69	2.01	---	---
25	---	---	e24.0	19.5	18.6	19.3	14.1	13.1	8.30	1.87	---	---
26	---	---	e26.6	e19.1	18.4	19.0	e14.1	13.4	7.96	1.76	---	---
27	---	---	e31.1	e19.0	18.6	19.5	e14.2	13.7	6.29	1.81	---	---
28	---	---	e26.1	e18.8	20.0	19.9	e14.0	13.8	5.10	1.84	---	---
29	---	---	e35.4	e19.4	21.2	21.6	13.8	13.7	e4.30	1.76	---	---
30	---	---	30.0	e20.5	20.6	21.3	13.1	13.3	e3.99	e1.70	---	---
31	---	---	26.6	---	18.9	---	13.1	12.9	---	e1.56	---	---
TOTAL			337.002	703.5	620.0	699.2	497.4	423.4	338.43	63.11		
DAM3			29120	60780	53570	60410	42980	36580	29240	5450		
MEAN			10.87	23.45	20.00	23.31	16.05	13.66	11.28	2.036		
MAX			35.4	38.5	21.5	43.6	20.8	15.4	15.0	3.62		
MIN			0.850	18.8	17.6	19.0	13.1	12.9	3.99	1.56		

FOR THE SEASON, MARCH TO OCTOBER:
TOTAL DISCHARGE: 318 100 DAM3
MAX INST DISCHARGE: 55.2 M3/S AT 0445 HRS ON JUNE 16 (G.H. 2.231 M)
MIN DAILY DISCHARGE: .850 M3/S ON MARCH 1,2 and 4

e-ESTIMATED

APPROVED BY FIELD REPRESENTATIVES OF THE UNITED STATES AND CANADA

WATER SURVEY OF CANADA
2006-12-11 15:11
CALGARY, ALTA.

MILK RIVER AT WESTERN CROSSING OF INTERNATIONAL BOUNDARY

STATION NO. 11AA025

CompuMod 1.7.3

DAILY MEAN DISCHARGE IN CUBIC METRES PER SECOND FOR 2006

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.439 B	9.66 A	2.96	2.43	0.930 A	0.010	0.020	0.232	---	---	1
2	---	---	0.420 B	10.0	3.43	1.93 A	0.878	0.007	0.017 A	0.221	---	---	2
3	---	---	0.400 B	9.82 A	3.70	1.58	0.890	0.004	0.012	0.206	---	---	3
4	---	---	0.380 B	7.59	3.93	1.42	0.772	0.006	0.010	0.197	---	---	4
5	---	---	0.480 B	10.2 A	3.69	1.27	0.638	0.005	0.007	0.195	---	---	5
6	---	---	0.750 B	16.8	3.18	1.15	0.622	0.003	0.006	0.183	---	---	6
7	---	---	1.10 B	19.3	2.78	1.04	0.706	0.002	0.012	0.189	---	---	7
8	---	---	1.60 B	13.9 A	2.53	1.17	0.588 A	0.001 A	0.011	0.218	---	---	8
9	---	---	1.30 B	11.7	2.52	1.12	0.468	0.000	0.009	0.242	---	---	9
10	---	---	1.00 B	9.20	2.58	1.50	0.425	0.000	0.008	0.249	---	---	10
11	---	---	0.800 B	8.16	2.46	3.10	0.376 A	0.001	0.005	0.292	---	---	11
12	---	---	0.700 B	7.06	2.24 A	6.12	0.339	0.000	0.002	0.329	---	---	12
13	---	---	0.730 B	6.01	2.12	5.35	0.303	0.000	0.001	0.398	---	---	13
14	---	---	0.771 B	5.72	2.02	5.97	0.267	0.000	0.003	0.408	---	---	14
15	---	---	0.820 B	5.26 A	1.98	6.37	0.259	0.000	0.008	0.411	---	---	15
16	---	---	0.978 B	5.19	2.00	7.15	0.214	0.000	0.012	0.414	---	---	16
17	---	---	0.943 B	4.96	1.99	7.56	0.177	0.000	0.012	0.432	---	---	17
18	---	---	0.930 B	4.31 A	1.87 A	5.16 A	0.133	0.000	0.011	0.416	---	---	18
19	---	---	0.910 B	3.85	1.72 A	3.67	0.109	0.000	0.021	0.437 A	---	---	19
20	---	---	1.00 B	3.48 A	1.60 A	3.08	0.083	0.235	0.030	0.528	---	---	20
21	---	---	1.15 B	2.96 A	1.52	2.75	0.065	0.281	0.233 A	0.579	---	---	21
22	---	---	1.33 B	3.05 A	1.45	2.71	0.055	0.217	0.309	0.642	---	---	22
23	---	---	1.73 B	3.41	1.44	2.37	0.053	0.166	0.431	0.707	---	---	23
24	---	---	4.14 B	3.86	1.41	2.01	0.042	0.116	0.673 A	0.665	---	---	24
25	---	---	8.21 B	3.45 A	1.25	1.71	0.055	0.091	0.700 A	0.570	---	---	25
26	---	---	9.91 B	3.04 A	1.23	1.52	0.047	0.073	0.607	0.504	---	---	26
27	---	---	12.0 B	2.79 A	1.36	1.34 A	0.042	0.056	0.471	0.459	---	---	27
28	---	---	8.71	2.77	1.87	1.16	0.056	0.042	0.368	0.420	---	---	28
29	---		6.96	2.77	2.80 A	1.02	0.039	0.034	0.307	0.370 B	---	---	29
30	---		6.07	2.90	3.79	0.989	0.027 A	0.028	0.259	0.340 B	---	---	30
31	---		8.84		3.14		0.015	0.022		0.316 B		---	31
TOTAL			85.501	203.17	72.56	85.719	9.673	1.400	4.575	11.769			TOTAL
MEAN			2.76	6.77	2.34	2.86	0.312	0.045	0.152	0.380			MEAN
DAM3			7390	17600	6270	7410	836	121	395	1020			DAM3
MAX			12.0	19.3	3.93	7.56	0.930	0.281	0.700	0.707			MAX
MIN			0.380	2.77	1.23	0.989	0.015	0.000	0.001	0.183			MIN

SUMMARY FOR THE YEAR

Total discharge, 41 000 DAM3
Maximum daily discharge, 19.3 M3/S On 2006-04-07
Minimum daily discharge, 0.000 M3/S On 2006-08-09
Max Inst discharge, 20.9 M3/S @ 08:15:00 MST On 2006-04-07
Min Inst discharge, 0.000 M3/S @ 00:00:00 MST On 2006-08-09

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED

HQ #19.00: 2004-01-01 12:00 to open shift corr

APPROVED BY FIELD REPRESENTATIVES OF THE UNITED STATES AND CANADA

UNITED STATES DEPARTMENT OF THE INTERIOR - GEOLOGICAL SURVEY - WATER RESOURCES DIVISION

06133500 NORTH FORK MILK RIVER ABOVE ST MARY CANAL NEAR BROWNING, MT 11AA032

DISCHARGE, IN CUBIC METERS PER SECOND, CALENDAR YEAR JANUARY TO DECEMBER 2006

DAILY MEAN VALUES

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	---	---	e0.368	1.90	0.651	0.481	0.481	0.340	0.340	0.368	---	---
2	---	---	e0.311	1.36	0.651	0.453	0.510	0.340	0.368	0.425	---	---
3	---	---	e0.311	0.878	0.736	0.425	0.510	0.311	0.340	0.396	---	---
4	---	---	e0.283	1.02	0.651	0.425	0.453	0.340	0.340	0.396	---	---
5	---	---	e0.311	1.47	0.595	0.453	0.453	0.311	0.311	0.453	---	---
6	---	---	e0.396	2.15	0.538	0.425	0.453	0.311	0.283	0.453	---	---
7	---	---	e0.481	1.76	0.538	0.425	0.425	0.311	0.283	0.481	---	---
8	---	---	e0.340	1.19	0.538	0.453	0.396	0.311	0.283	0.538	---	---
9	---	---	e0.311	0.991	0.538	0.538	0.396	0.311	0.241	0.538	---	---
10	---	---	e0.311	0.906	0.510	1.13	0.425	0.311	0.232	0.538	---	---
11	---	---	e0.283	0.821	0.510	0.878	0.453	0.311	0.207	0.566	---	---
12	---	---	e0.311	0.765	0.510	0.708	0.425	0.311	0.227	0.538	---	---
13	---	---	e0.311	0.765	0.510	0.736	0.425	0.311	0.272	0.538	---	---
14	---	---	e0.311	0.736	0.510	0.765	0.396	0.311	0.425	0.510	---	---
15	---	---	e0.340	0.736	0.510	0.963	0.425	0.311	0.538	0.510	---	---
16	---	---	e0.340	0.680	0.481	1.22	0.425	0.396	0.680	0.566	---	---
17	---	---	e0.425	0.651	0.481	0.736	0.453	0.680	0.566	0.595	---	---
18	---	---	e0.538	0.623	0.481	0.623	0.425	0.340	0.481	0.595	---	---
19	---	---	e0.340	0.623	0.481	0.595	0.425	0.340	0.481	0.651	---	---
20	---	---	e0.566	0.623	0.481	0.595	0.425	0.340	0.510	0.793	---	---
21	---	---	e0.396	0.623	0.481	0.595	0.425	0.340	0.481	0.765	---	---
22	---	---	e0.481	0.651	0.453	0.566	0.396	0.368	0.934	0.623	---	---
23	---	---	2.01	0.736	0.453	0.538	0.396	0.340	0.481	0.566	---	---
24	---	---	3.99	0.680	0.425	0.538	0.425	0.368	0.340	0.538	---	---
25	---	---	3.40	0.623	0.425	0.538	0.453	0.368	0.311	0.538	---	---
26	---	---	3.71	0.595	0.481	0.510	0.425	0.396	0.311	0.510	---	---
27	---	---	2.44	0.566	0.510	0.510	0.396	0.368	0.340	0.481	---	---
28	---	---	0.963	0.566	0.963	0.481	0.368	0.340	0.340	0.481	---	---
29	---	---	1.08	0.566	0.736	0.481	0.368	0.340	0.311	0.453	---	---
30	---	---	1.05	0.595	0.623	0.510	0.340	0.311	0.368	e0.425	---	---
31	---	---	2.07	---	0.510	---	0.340	0.311	---	e0.425	---	---
TOTAL			28.778	26.849	16.961	18.294	13.111	10.698	11.625	16.253		
DAM3			2490	2320	1465	1580	1130	924	973	1400		
MEAN			0.928	0.895	0.547	0.610	0.423	0.345	0.388	0.524		
MAX			3.99	2.15	0.963	1.22	0.510	0.680	0.934	0.793		
MIN			0.283	0.566	0.425	0.425	0.340	0.311	0.207	0.368		

FOR THE SEASON, MARCH TO OCTOBER: e-ESTIMATED

TOTAL DISCHARGE: 12 280 DAM3

MAX INST DISCHARGE: 6.37 M3/S AT 2245 HRS ON MARCH 23 (G.H. 1.981 M)

MIN DAILY DISCHARGE: .207 M3/S ON SEPTEMBER 11

APPROVED BY FIELD REPRESENTATIVES OF THE UNITED STATES AND CANADA

WATER SURVEY OF CANADA
2006-12-12 09:24
CALGARY, ALTA.

NORTH MILK RIVER NEAR INTERNATIONAL BOUNDARY

STATION NO. 11AA001

CompuMod 1.7.3

DAILY MEAN DISCHARGE IN CUBIC METRES PER SECOND FOR 2006

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.630 B	16.8	19.0 A	18.3	18.1	15.7	14.6	0.459	---	---	1
2	---	---	0.619 B	15.9	19.2	18.2	18.2 A	15.7	14.6	0.469	---	---	2
3	---	---	0.600 B	15.1	19.4	18.2	18.1	15.7	14.6	0.483	---	---	3
4	---	---	0.580 B	14.5	19.3 A	18.2	17.9	15.7	14.5	0.498	---	---	4
5	---	---	0.590 B	13.6	19.2	18.5	17.8	15.6	14.4	0.499	---	---	5
6	---	---	0.625 B	15.0	19.1	18.5	17.7	15.6	14.5	0.483	---	---	6
7	---	---	0.826 B	13.1	18.9	18.8 A	17.5	15.5	14.4	0.515	---	---	7
8	---	---	0.878 B	11.4	18.9	18.8	17.2 A	15.5	14.4	0.532	---	---	8
9	---	---	1.54 B	11.1 A	18.9	19.0	17.2	15.5	14.4	0.515	---	---	9
10	---	---	6.00 B	10.3	18.8	20.4 A	17.2	15.4	14.4	0.516	---	---	10
11	---	---	8.00 B	10.2	18.8	20.1	17.1	15.3	14.3	0.513 A	---	---	11
12	---	---	10.0 B	10.2	18.9	19.7	17.0	15.2	14.2	0.509	---	---	12
13	---	---	9.80 B	12.0	18.6 A	19.7	16.9	15.3	14.3	0.509	---	---	13
14	---	---	9.50 B	13.0	18.6	20.2	16.6	15.2	14.4	0.514	---	---	14
15	---	---	9.25 B	13.5	18.7	19.1	16.5 A	15.1	14.5	0.519	---	---	15
16	---	---	8.66 B	14.8	18.7	17.7	16.3	15.3	13.4	0.562	---	---	16
17	---	---	8.34 B	15.0	18.7	16.3	16.2	16.0	11.9	0.594	---	---	17
18	---	---	10.7 B	15.1	18.7	15.6	16.2	15.4	11.2	0.574	---	---	18
19	---	---	12.0 B	15.0	18.9	15.5	16.3	15.1	10.0	0.615	---	---	19
20	---	---	12.2 B	14.9	19.2	16.1	16.4	14.9	9.01	0.781	---	---	20
21	---	---	12.5 B	14.8	19.6	17.7	16.3 A	14.9	8.74	0.777	---	---	21
22	---	---	13.0 B	14.8	19.7	18.1	16.4	14.9	7.16	0.650	---	---	22
23	---	---	13.5 B	14.9	19.1	17.9	16.4	14.9	4.23	0.594	---	---	23
24	---	---	14.5 E	14.7	18.1	17.4	16.5	14.9	2.32	0.567	---	---	24
25	---	---	16.0 E	14.7	18.1	17.1	16.5	15.1	1.01	0.570	---	---	25
26	---	---	15.7 E	16.5	18.2	16.8	16.3 A	15.0	0.688	0.549	---	---	26
27	---	---	15.5 E	17.6	18.4	16.6	16.2	14.9	0.684	0.534	---	---	27
28	---	---	15.3 A	18.0	19.4	16.6	16.2	14.9	0.654	0.522	---	---	28
29	---		15.6 A	18.3	18.7	17.2	16.1	14.8	0.616	0.522 B	---	---	29
30	---		16.0 A	18.8	18.0	18.0 A	16.1	14.7	0.514	0.509 B	---	---	30
31	---		18.0 A		17.9		15.8	14.6		0.500 B		---	31
TOTAL			276.938	433.6	583.7	540.3	521.2	472.3	298.626	16.953			TOTAL
MEAN			8.93	14.5	18.8	18.0	16.8	15.2	9.95	0.547			MEAN
DAM3			23900	37500	50400	46700	45000	40800	25800	1460			DAM3
MAX			18.0	18.8	19.7	20.4	18.2	16.0	14.6	0.781			MAX
MIN			0.580	10.2	17.9	15.5	15.8	14.6	0.514	0.459			MIN

SUMMARY FOR THE YEAR

Total discharge, 271 600 DAM3
Maximum daily discharge, 20.4 A M3/S On 2006-06-10
Minimum daily discharge, not valid
Max Inst discharge, 21.0 A M3/S @ 18:00:00 MST On 2006-06-10
Min Inst discharge, not valid

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED

HQ #20.00: 2002-03-01 to 2009-09-12 07:18 shift corr

APPROVED BY FIELD REPRESENTATIVES OF THE UNITED STATES AND CANADA

WATER SURVEY OF CANADA
2007-01-18 14:09
CALGARY, ALTA.

MILK RIVER AT MILK RIVER

STATION NO. 11AA005

CompuMod 1.7.3

DAILY MEAN DISCHARGE IN CUBIC METRES PER SECOND FOR 2006

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.17 B	1.72 B	1.52 B	28.6	23.0	20.9 A	19.9	15.6	15.0	1.49	1.15 B	0.620 B	1
2	2.08 B	1.71 B	1.56 B	26.8	23.3	20.5 A	19.9	15.7	14.8	1.42	1.16 B	0.800 B	2
3	1.97 B	1.70 B	1.53 B	26.9	23.8	20.0	20.0	15.7	14.8	1.32	1.30 B	1.14 B	3
4	2.08 B	1.72 B	1.62 B	23.8	24.1	19.7	20.0	15.8	14.8	1.26	1.38 B	1.20 B	4
5	2.02 B	1.69 B	1.77 B	24.0	24.0	19.7	19.6	15.7	14.7	1.23	1.63 B	1.14 B	5
6	2.06 B	1.66 B	1.95 B	29.2	23.4	19.6	19.4	15.6	14.7	1.20	1.64 B	1.10 B	6
7	2.07 B	1.63 B	2.10 B	35.6	22.7	19.7	19.0	15.5	14.7	1.18	1.63 B	1.12 B	7
8	2.05 B	1.63 B	2.22 B	30.2	22.0	20.2	18.8	15.5	14.6	1.17	1.57 B	1.16 B	8
9	2.07 B	1.58 B	2.20 B	24.9	21.7	20.5	18.5	15.5	14.7	1.21	1.42 B	1.18 B	9
10	2.28 B	1.60 B	2.15 B	22.2	21.6	20.9	18.2	15.6	14.7	1.26	1.38 B	1.21 B	10
11	2.27 B	1.62 B	2.12 B	19.8	21.6	22.6	18.4	15.8	14.6	1.32	1.20 B	1.22 B	11
12	2.16 B	1.47 B	2.08 B	18.3	21.4	24.6	18.1	15.4	14.5	1.29	1.10 B	1.30 B	12
13	2.34 B	1.37 B	5.53 B	17.1	21.3	25.7	17.7	15.2	14.4	1.29	1.05 B	1.40 B	13
14	2.33 B	1.28 B	8.67 B	17.9	20.9	26.0	17.5	15.3	14.8	1.30	1.10 B	1.37 B	14
15	2.26 B	1.18 B	12.5 B	18.7	20.7	26.8	17.2	15.3	15.0	1.34	1.15 B	1.43 B	15
16	2.27 B	1.12 B	15.5 B	18.8	20.7	26.2	17.0	15.5	15.1	1.41	1.20 B	1.38 B	16
17	2.28 B	1.03 B	14.7 B	20.1	20.7	24.8	16.9	15.7	14.0	1.46	1.12 B	1.28 B	17
18	2.09 B	1.05 B	15.0 B	19.8	20.4	23.1	16.6	16.0	12.6 A	1.48	1.08 B	1.20 B	18
19	1.76 B	1.07 B	16.6 B	19.6	20.3	20.7	16.6	15.4	12.0	1.47	1.15 B	1.10 B	19
20	1.80 B	1.12 B	18.0 B	19.4	20.5	20.0	16.5	15.0	11.1	1.51	0.950 B	1.01 B	20
21	2.00 B	1.14 B	19.6 B	19.0	20.7	19.9	16.5	14.8	9.80 A	1.60	0.811 B	0.985 B	21
22	1.91 B	1.12 B	19.8 B	18.9	21.1	21.0	16.3	14.8	9.85	1.78	0.841 B	1.11 B	22
23	1.96 B	1.10 B	22.0 B	19.1	21.2	21.2	16.3	14.8	8.85	1.83	0.750 B	1.15 B	23
24	1.87 B	1.08 B	21.8 E	19.5	20.5	20.7	16.6	14.9	6.32 A	1.77	0.660 B	1.22 B	24
25	1.81 B	1.05 B	23.0 E	19.7	19.7	20.0	16.6	14.9	4.85 A	1.71	0.559 B	1.26 B	25
26	1.78 B	1.09 B	25.0 E	19.5	19.9	19.5	16.4	15.1	3.47	1.64	0.548 B	1.26 B	26
27	1.76 B	1.19 B	27.0 E	20.6	20.1	19.1	16.2	15.1	2.56	1.54	0.314 B	1.20 B	27
28	1.75 B	1.33 B	25.5 E	21.3	20.7	18.7	16.0	14.9	2.08	1.44	0.322 B	1.15 B	28
29	1.77 B		24.0 E	21.7	21.7	18.5	15.9	14.9	1.79	1.41 B	0.477 B	1.17 B	29
30	1.67 B		23.0 A	22.5	22.1	19.4	15.9	14.7	1.62	1.35 B	0.650 B	1.20 B	30
31	1.70 B		24.9		21.7		15.7	15.1		1.25 B		1.22 B	31
TOTAL	62.39	38.05	384.92	663.5	667.5	640.2	544.2	474.8	336.79	43.93	31.292	36.285	TOTAL
MEAN	2.01	1.36	12.4	22.1	21.5	21.3	17.6	15.3	11.2	1.42	1.04	1.17	MEAN
DAM3	5390	3290	33300	57300	57700	55300	47000	41000	29100	3800	2700	3140	DAM3
MAX	2.34	1.72	27.0	35.6	24.1	26.8	20.0	16.0	15.1	1.83	1.64	1.43	MAX
MIN	1.67	1.03	1.52	17.1	19.7	18.5	15.7	14.7	1.62	1.17	0.314	0.620	MIN

SUMMARY FOR THE YEAR

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED

Total discharge, 339 000 DAM3
Mean discharge, 10.8 M3/S
Maximum daily discharge, 35.6 M3/S On 2006-04-07
Minimum daily discharge, 0.314 B M3/S On 2006-11-27
Max Inst discharge, 37.6 M3/S @ 18:45:00 MST On 2006-04-07
Min Inst discharge, not valid

HQ #21.00: 2004-01-01 00:00 to open shift corr

APPROVED BY FIELD REPRESENTATIVES OF THE UNITED STATES AND CANADA

WATER SURVEY OF CANADA
2007-01-12 14:42
CALGARY, ALTA.

VERDIGRIS COULEE NEAR THE MOUTH

STATION NO. 11AA038

CompuMod 1.7.3

DAILY MEAN DISCHARGE IN CUBIC METRES PER SECOND FOR 2006

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.000 B	0.004	0.000	0.000	0.000	0.000	0.000	0.000	---	---	1
2	---	---	0.000 B	0.003	0.000 A	0.000	0.000	0.000	0.000	0.000	---	---	2
3	---	---	0.000 B	0.002 A	0.000	0.000	0.000	0.000	0.000	0.000	---	---	3
4	---	---	0.000 B	0.002	0.000	0.000	0.000	0.000	0.000	0.000	---	---	4
5	---	---	0.000 B	0.002	0.000	0.000	0.000	0.000	0.000	0.000	---	---	5
6	---	---	0.000 B	0.008	0.000	0.000	0.000	0.000	0.000	0.000	---	---	6
7	---	---	0.000 B	0.015	0.000	0.000	0.000	0.000	0.000	0.000	---	---	7
8	---	---	0.043 B	0.006	0.000	0.000	0.000	0.000	0.000	0.000	---	---	8
9	---	---	0.100 B	0.003	0.000	0.000	0.000	0.000	0.000	0.000	---	---	9
10	---	---	0.015 B	0.002	0.000	0.000	0.000	0.000 A	0.000	0.000	---	---	10
11	---	---	0.001 B	0.001	0.000	0.005	0.000	0.000	0.000	0.000	---	---	11
12	---	---	0.000 B	0.001	0.000	0.003	0.000	0.000	0.000	0.000	---	---	12
13	---	---	0.000 B	0.001	0.000	0.014	0.000	0.000	0.000	0.000	---	---	13
14	---	---	0.000 B	0.001	0.000 A	0.138	0.000	0.000	0.000	0.000	---	---	14
15	---	---	0.000 B	0.000	0.000	1.49	0.000	0.000	0.000	0.000	---	---	15
16	---	---	0.000 B	0.000	0.000	0.673	0.000	0.000	0.000	0.000	---	---	16
17	---	---	0.000 B	0.000	0.000	0.171	0.000	0.000	0.000	0.000	---	---	17
18	---	---	0.000 B	0.000	0.000	0.047	0.000	0.000	0.000	0.000	---	---	18
19	---	---	0.000 B	0.000	0.000	0.016	0.000	0.000	0.000	0.000	---	---	19
20	---	---	0.000 B	0.000	0.000	0.007	0.000	0.000	0.000	0.000	---	---	20
21	---	---	0.000 B	0.000	0.000	0.003	0.000	0.000	0.000	0.000	---	---	21
22	---	---	0.000 B	0.000	0.000	0.002	0.000	0.000	0.000	0.000	---	---	22
23	---	---	0.000 B	0.000	0.000	0.001	0.000	0.000	0.000	0.000	---	---	23
24	---	---	0.001	0.000	0.000	0.001	0.000	0.000	0.000	0.000	---	---	24
25	---	---	0.001	0.000	0.000	0.001 A	0.000	0.000	0.000	0.000	---	---	25
26	---	---	0.001	0.000	0.000	0.000 A	0.000	0.000	0.000	0.000	---	---	26
27	---	---	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	27
28	---	---	0.001	0.000	0.000	0.000	0.000	0.000 A	0.000	0.000	---	---	28
29	---		0.004 A	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	29
30	---		0.043	0.000	0.000	0.000	0.000 A	0.000	0.000	0.000	---	---	30
31	---		0.010		0.000		0.000	0.000		0.000		---	31
TOTAL			0.222	0.051	0.000	2.572	0.000	0.000	0.000	0.000			TOTAL
MEAN			0.007	0.002	0.000	0.086	0.000	0.000	0.000	0.000			MEAN
DAM3			19.2	4.41	0.000	222	0.000	0.000	0.000	0.000			DAM3
MAX			0.100	0.015	0.000	1.49	0.000	0.000	0.000	0.000			MAX
MIN			0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000			MIN

SUMMARY FOR THE YEAR

Total discharge, 246 DAM3
Maximum daily discharge, 1.49 M3/S On 2006-06-15
Minimum daily discharge, 0.000 B M3/S On 2006-03-01
Max Inst discharge, 1.69 M3/S @ 02:46:00 MST On 2006-06-15
Min Inst discharge, 0.000 B M3/ S @ 00:00:00 MST On 2006-02-28

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED

HQ #5.00: 2003-03-01 00:00 to open shift corr

APPROVED BY FIELD REPRESENTATIVES OF THE UNITED STATES AND CANADA

International Gauging Stations
Joint Review and Approval of Records

Pursuant to Article V of the International Joint Commission Order of October 4, 1921, the International Gauging Stations Listed below have been operated and maintained by the Water Survey of Canada and the United States Geological Survey on a joint basis.

It is hereby certified that the annexed records have been computed in accordance with standard procedures of each country and jointly reviewed and approved on this 22nd day of February, 2007.

Lodge Creek Below McRae Creek at International Boundary	11AB083
Middle Creek near Saskatchewan Boundary	11AB009
Middle Creek below Middle Creek Reservoir	11AB001
Middle Creek above Lodge Creek	11AB008
Middle Creek near Govenlock	11AB108
Altawan Reservoir near Govenlock	11AB089
Spangler Ditch near Govenlock	11AB060
Battle Creek at International Boundary	11AB027
Gaff Ditch near Merryflat	11AB102
Cypress Lake West Inflow Canal	11AB078
Cypress Lake West Inflow Canal Drain	11AB085
Cypress Lake West Outflow Canal	11AB077
Vidora Ditch near Consul	11AB084
Richardson Ditch near Consul	11AB058
McKinnon Ditch near Consul	11AB044
Nashlyn Canal near Consul	11AB018
Frenchman River at International Boundary	11AC041
Belanger Creek Diversion to Cypress Lake	11AC064
Cypress Lake	11AC037
Cypress Lake East Outflow Canal	11AC060
Eastend Reservoir	11AC055
Eastend Canal near Eastend	11AC052
Huff Lake	11AC063
Huff Lake Gravity Canal	11AC065
Huff Lake Pumping Canal	11AC066
Newton Lake	11AC056
Newton Lake Main Canal	11AC054

Field Representative for the United States

Field Representative for Canada

WATER SURVEY OF CANADA — LODGE CREEK BELOW MCRAE CREEK AT INTERNATIONAL BOUNDARY — STATION NO. 11AB083

2007-02-08 12:59

REGINA, SASK.

CompuMod 1.7.3

(FINAL) DAILY MEAN DISCHARGE IN CUBIC METRES PER SECOND FOR 2006

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.000 B	0.000 B	0.119	2.13	0.001	0.000	0.000	0.000	0.000	---	1
2	---	---	0.000 B	0.000 B	0.079	2.14	0.001	0.000	0.000	0.000	0.000	---	2
3	---	---	0.000 B	2.98	0.053	2.11	0.001	0.000	0.000	0.000	---	---	3
4	---	---	0.000 B	8.15	0.039	2.10	0.001	0.000	0.000	0.000	---	---	4
5	---	---	0.000 B	6.32	0.082	2.12	0.000	0.000	0.000	0.000	---	---	5
6	---	---	0.000 B	4.30	0.116	2.02	0.000	0.000	0.000	0.000	---	---	6
7	---	---	0.000 B	3.14	0.085	0.849	0.000	0.000	0.000	0.000	---	---	7
8	---	---	0.000 B	2.69	0.053	0.322	0.000	0.000	0.000	0.000	---	---	8
9	---	---	0.000 B	2.61	0.035	0.195	0.000	0.000	0.000	0.000	---	---	9
10	---	---	0.000 B	2.22	0.027	0.137	0.000	0.000	0.000	0.000	---	---	10
11	---	---	0.000 B	1.70	0.022	0.112	0.000	0.000	0.000	0.000	---	---	11
12	---	---	0.000 B	1.29	0.017	0.087	0.000	0.000	0.000	0.000	---	---	12
13	---	---	0.000 B	0.965	0.012	0.063	0.000	0.000	0.000	0.000	---	---	13
14	---	---	0.000 B	0.746	0.009	0.048	0.000	0.000	0.000	0.000	---	---	14
15	---	---	0.000 B	0.624	0.008	0.041	0.000	0.000	0.000	0.000	---	---	15
16	---	---	0.000 B	0.486	0.006	0.034	0.000	0.000	0.000	0.000	---	---	16
17	---	---	0.000 B	0.463	0.004	0.026	0.000	0.000	0.000	0.000	---	---	17
18	---	---	0.000 B	0.456	0.003	0.021	0.000	0.000	0.000	0.000	---	---	18
19	---	---	0.000 B	0.370	0.002	0.018	0.000	0.000	0.000	0.000	---	---	19
20	---	---	0.000 B	0.327	0.001	0.016	0.000	0.000	0.000	0.000	---	---	20
21	---	---	0.000 B	0.275	0.001	0.013	0.000	0.000	0.000	0.000	---	---	21
22	---	---	0.000 B	0.204	0.001	0.011	0.000	0.000	0.000	0.000	---	---	22
23	---	---	0.000 B	0.164	0.001	0.009	0.000	0.000	0.000	0.000	---	---	23
24	---	---	0.000 B	0.132	0.000	0.011	0.000	0.000	0.000	0.000	---	---	24
25	---	---	0.000 B	0.170	0.000	0.009	0.000	0.000	0.000	0.000	---	---	25
26	---	---	0.000 B	0.179	0.000	0.007	0.000	0.000	0.000	0.000	---	---	26
27	---	---	0.000 B	0.121	0.000	0.005	0.000	0.000	0.000	0.000	---	---	27
28	---	---	0.000 B	0.084	0.001	0.004	0.000	0.000	0.000	0.000	---	---	28
29	---		0.000 B	0.062	0.001	0.002	0.000	0.000	0.000	0.000	---	---	29
30	---		0.000 B	0.105	0.578	0.002	0.000	0.000	0.000	0.000	---	---	30
31	---		0.000 B		2.11		0.000	0.000		0.000		---	31
TOTAL			0.000	41.333	3.465	14.662	0.004	0.000	0.000	0.000			TOTAL
MEAN			0.000	1.38	0.112	0.489	0.000	0.000	0.000	0.000			MEAN
DAM3			0.000	3570	299	1270	0.346	0.000	0.000	0.000			DAM3
MAX			0.000	8.15	2.11	2.14	0.001	0.000	0.000	0.000			MAX
MIN			0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000			MIN

SUMMARY FOR THE TEAR:
Maximum daily discharge, 8.15 M3/S On 2006-04-04
Minimum daily discharge, 0.000 B M3/S On 2006-03-01
Max Inst discharge, 8.70 M3/S @ 16:30:00 CST On 2006-04-04
Min Inst discharge, 0.000 B M3/S @ 00:00:00 On 2006-03-01

A - MANUAL GAUGE B - ICE CONDITIONS E - ESTIMATED D - DRY
HQ #12.00: 1996-03-01 00:00 to open

APPROVED BY THE FIELD REPRESENTATIVES OF CANADA AND THE UNITED STATES

STORAGE FACTORS AND EVAPORATION LOSSES
2006

MICHEL RESERVOIR 11AB091

PERIOD	ELEVATION At End of Period (m)	MEAN RESERVOIR SURFACE AREA (dam^2)	EVAPORATION Pan Evap. Adjusted for Elevation (m)	EVAPORATION Reservoir (dam^3)	STORAGE AT Beginning of Period (dam^3)	STORAGE AT End of Period (dam^3)	CHANGE IN STORAGE (dam^3)
1	299.000	621	0	0	120	120	0
2	299.050	627	0	0	120	124	4
3	303.275	1236	0	0	124	657	533
4	303.250	1917	0.013	2	657	653	-2
5	303.200	1905	0.017	3	653	643	-7
6	302.950	1853	0.058	11	643	595	-37
7	300.900	1463	0.002	0	595	283	-312
8	299.025	904	0.008	1	283	122	-160
9	298.770	597	0.060	4	122	107	-11
10	298.750	564	0.096	5	107	106	4
11	298.600	544	0.092	5	106	98	-3
12	298.500	516	0.065	3	98	93	-2
13	298.300	482	0.067	3	93	83	-7
14	298.000	432	-0.012	-1	83	70	-14
15	297.500	357	0.021	1	70	51	-18
16	297.000	271	0.000	0	51	34	-17

EVAPORATION STATION IS ALTAWAN, PRECIPITATION STATION IS EAGLE BUTTE

Due to dam rehabilitation construction this season, there was little valid data collected. Initial spring freshet water stored early in the season was released to allow for the rehabilitation work. Timing of storage and releases could not accurately be determined therefore a null value was used for the season.

The dam was remained under construction during the winter of 2006 - 2007.

STORAGE FACTORS AND EVAPORATION LOSSES
2006

GREASEWOOD RESERVOIR 11AB092

PERIOD	ELEVATION At End of Period (m)	MEAN RESERVOIR SURFACE AREA (dam^2)	EVAPORATION Pan Evap. Adjusted for Elevation (m)	Reservoir (dam^3)	STORAGE AT Beginning of Period (dam^3)	End of Period (dam^3)	CHANGE IN STORAGE (dam^3)
1	27.971	233	0	233	30	38	8
2	28.651	292	0	292	38	58	20
3	30.162	464	0	464	58	139	81
4	30.140	606	0.013	606	139	137	-1
5	30.187	609	0.017	609	137	143	7
6	30.132	608	0.058	608	143	136	-3
7	30.158	605	0.002	605	136	139	3
8	30.149	606	0.008	606	139	138	-1
9	30.066	597	0.060	597	138	128	-6
10	29.949	575	0.096	575	128	117	-5
11	28.810	460	0.092	460	117	63	-50
12	26.480	214	0.065	214	63	11	-51
13	26.486	113	0.067	113	11	11	1
14	26.634	119	-0.012	119	11	13	2
15	26.718	131	0.021	131	13	14	1
16	26.876	143	0.000	143	14	17	3

EVAPORATION STATION IS ALTAWAN, PRECIPITATION STATION IS EAGLE BUTTE

STORAGE FACTORS AND EVAPORATION LOSSES
2006

MASSY RESERVOIR 11AB104

PERIOD	ELEVATION At End of Period (m)	MEAN RESERVOIR SURFACE AREA (dam^2)	EVAPORATION Pan Evap. Adjusted for Elevation (m)	EVAPORATION Reservoir (dam^3)	STORAGE AT Beginning of Period (dam^3)	STORAGE AT End of Period (dam^3)	CHANGE IN STORAGE (dam^3)
1	28.373	904	0	0	164	170	6
2	28.735	1007	0	0	170	206	36
3	28.814	1148	0.000	0	206	214	8
4	28.797	1175	0.013	1	214	213	0
5	28.832	1183	0.017	2	213	216	5
6	28.775	1173	0.058	7	216	211	2
7	28.776	1149	0.002	0	211	211	0
8	28.844	1179	0.008	1	211	217	7
9	28.758	1171	0.060	7	217	209	-1
10	28.647	1088	0.096	10	209	197	-2
11	28.176	937	0.092	9	197	153	-35
12	27.660	833	0.065	5	153	110	-38
13	27.598	792	0.067	5	110	105	0
14	27.580	786	-0.012	-1	105	103	-3
15	27.540	781	0.021	2	103	100	-1
16	27.526	777	0.000	0	100	99	-1

EVAPORATION STATION IS ALTAWAN, PRECIPITATION STATION IS EAGLE BUTTE

STORAGE FACTORS AND EVAPORATION LOSSES
2006

BARE CREEK RESERVOIR 11AB094

PERIOD	ELEVATION At End of Period (m)	MEAN RESERVOIR SURFACE AREA (dam^2)	EVAPORATION Pan Evap. Adjusted for Elevation (m)	EVAPORATION Reservoir (dam^3)	STORAGE AT Beginning of Period (dam^3)	STORAGE AT End of Period (dam^3)	CHANGE IN STORAGE (dam^3)
1	1134.496	2868	0	0	937	940	3
2	1134.528	2878	0	0	940	948	8
3	1136.821	3677	0	0	948	1801	853
4	1136.772	4609	0.013	6	1801	1779	-16
5	1136.740	4572	0.017	8	1779	1765	-6
6	1136.687	4533	0.058	26	1765	1741	2
7	1136.677	4504	0.002	1	1741	1737	-3
8	1136.665	4494	0.008	3	1737	1732	-2
9	1136.586	4452	0.060	27	1732	1697	-8
10	1136.483	4368	0.096	42	1697	1651	-4
11	1135.761	3993	0.092	37	1651	1368	-246
12	1135.693	3714	0.065	24	1368	1344	0
13	1135.631	3668	0.067	25	1344	1323	4
14	1135.612	3639	-0.012	-5	1323	1316	-12
15	1135.567	3617	0.021	8	1316	1300	-8
16	1135.554	3596	0.000	0	1300	1296	-4

EVAPORATION STATION IS ALTAWAN, PRECIPITATION STATION IS EAGLE BUTTE

STORAGE FACTORS AND EVAPORATION LOSSES
2006

CRESSDAY RESERVOIR 11AB097

PERIOD	ELEVATION At End of Period (m)	MEAN RESERVOIR SURFACE AREA (dam^2)	EVAPORATION Pan (m)	EVAPORATION Reservoir (dam^3)	STORAGE AT Beginning of Period (dam^3)	STORAGE AT End of Period (dam^3)	CHANGE IN STORAGE (dam^3)
1	961.400	702	0	0	47	48	1
2	961.420	715	0	0	48	49	1
3	962.950	1367	0	0	49	273	224
4	962.945	2555	0.021	5	273	272	4
5	962.860	2462	0.053	13	272	251	-8
6	962.475	2036	0.075	15	251	173	-63
7	960.110	636	0.016	1	173	0	-172
8	960.110	86	0.056	0	0	0	0
9	960.110	86	0.088	1	0	0	1
10	960.110	86	0.118	1	0	0	1
11	960.110	86	0.102	1	0	0	1
12	960.110	86	0.083	1	0	0	1
13	960.110	86	0.079	1	0	0	1
14	960.110	86	0.016	0	0	0	0
15	960.110	86	0.004	0	0	0	0
16	960.110	86	0.000	0	0	0	0

EVAPORATION STATION IS ALTAWAN

Due to dam rehabilitation construction this season, there was little valid data collected. Initial spring freshet water stored early in the season was released to allow for rehabilitation work. Timing of storage and releases were reconstructed from operational records and the few hydrometric records collected. It is estimated that the reservoir is empty (zero capacity) at an elevation of 960.671 m.

The dam remained under construction during the winter of 2006 - 2007.

STORAGE FACTORS AND EVAPORATION LOSSES
2006

MITCHELL RESERVOIR 11AB099

PERIOD	ELEVATION At End of Period (m)	MEAN RESERVOIR SURFACE AREA (dam^2)	EVAPORATION Pan Evap. Adjusted for Elevation (m)	EVAPORATION Reservoir (dam^3)	STORAGE AT Beginning of Period (dam^3)	STORAGE AT End of Period (dam^3)	CHANGE IN STORAGE (dam^3)
1	33.304	2302	0	0	196	250	54
2	33.947	3062	0	0	250	448	198
3	34.330	3949	0	0	448	604	156
4	34.247	4416	0.016	7	604	568	-29
5	34.216	4239	0.017	7	568	554	-7
6	34.155	4095	0.054	22	554	527	-5
7	34.094	3923	0.006	3	527	503	-21
8	34.036	3820	0.011	4	503	481	-18
9	33.925	3675	0.057	21	481	439	-21
10	33.805	3475	0.100	35	439	397	-7
11	33.696	3278	0.090	29	397	362	-6
12	33.613	3112	0.066	20	362	335	-7
13	33.553	2989	0.066	20	335	316	1
14	33.525	2913	-0.016	-5	316	307	-14
15	33.420	2798	0.020	6	307	280	-21
16	33.403	2693	0.000	0	280	276	-4

EVAPORATION STATION IS ALTAWAN, PRECIPITATION STATION IS EAGLE BUTTE

STORAGE FACTORS AND EVAPORATION LOSSES
2006

JAYDOT RESERVOIR 11AB098

PERIOD	ELEVATION AT End of Period (m)	MEAN RESERVOIR SURFACE AREA (dam^2)	EVAPORATION		STORAGE AT		CHANGE IN STORAGE (dam^3)
			Pan (m)	Reservoir (dam^3)	Beginning of Period (dam^3)	End of Period (dam^3)	
1	915.920	0	0	0	0	0	0
2	915.920	0	0	0	0	0	0
3	915.920	0	0	0	0	0	0
4	915.920	0	0.025	0	0	0	0
5	915.920	0	0.054	0	0	0	0
6	915.920	0	0.072	0	0	0	0
7	915.920	0	0.018	0	0	0	0
8	915.920	0	0.062	0	0	0	0
9	915.920	0	0.083	0	0	0	0
10	915.920	0	0.120	0	0	0	0
11	915.920	0	0.101	0	0	0	0
12	915.920	0	0.084	0	0	0	0
13	915.920	0	0.077	0	0	0	0
14	915.920	0	0.012	0	0	0	0
15	915.920	0	0.002	0	0	0	0
16	915.920	0	0.000	0	0	0	0

EVAPORATION STATION IS ALTAWAN
In 2006, reservoir water levels were estimated to be 915.920 m to reflect the near empty condition during the entire season.

WATER SURVEY OF CANADA — MIDDLE CREEK NEAR SASKATCHEWAN BOUNDARY — STATION NO. 11AB009

2007-02-08 12:56

REGINA, SASK.

CompuMod 1.7.3

DAILY MEAN DISCHARGE IN CUBIC METRES PER SECOND FOR 2006

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.006 B	3.69	0.012	0.005	0.002	0.001	0.001	0.002	---	---	1
2	---	---	0.006 B	3.26	0.012	0.005	0.002	0.001	0.001	0.002	---	---	2
3	---	---	0.006 B	2.63	0.012	0.005	0.001	0.001	0.001	0.002	---	---	3
4	---	---	0.006 B	1.23	0.012	0.005	0.001	0.001	0.001	0.002	---	---	4
5	---	---	0.006 B	1.08	0.011	0.005	0.001	0.001	0.001	0.003	---	---	5
6	---	---	0.006 B	0.884	0.011	0.004	0.001	0.001	0.001	0.003	---	---	6
7	---	---	0.029 B	1.12	0.011	0.003	0.001	0.001	0.001	0.002	---	---	7
8	---	---	0.047 B	0.594	0.010	0.004	0.002	0.001	0.001	0.002	---	---	8
9	---	---	0.077 B	0.258	0.010	0.004	0.002	0.001	0.001	0.003	---	---	9
10	---	---	0.020 B	0.112	0.010	0.004	0.001	0.001	0.001	0.003	---	---	10
11	---	---	0.015 B	0.069	0.010	0.005	0.002	0.001	0.001	0.003	---	---	11
12	---	---	0.011 B	0.049	0.010	0.004	0.003	0.001	0.001	0.003	---	---	12
13	---	---	0.008 B	0.037	0.011	0.004	0.001	0.001	0.001	0.003	---	---	13
14	---	---	0.007 B	0.026	0.010	0.004	0.001	0.001	0.001	0.002	---	---	14
15	---	---	0.007 B	0.019	0.010	0.005	0.001	0.001	0.001	0.002	---	---	15
16	---	---	0.007 B	0.017	0.010	0.005	0.001	0.001	0.001	0.002	---	---	16
17	---	---	0.011 B	0.015	0.010	0.003	0.001	0.001	0.002	0.002	---	---	17
18	---	---	0.017 B	0.014	0.010	0.003	0.001	0.001	0.001	0.002	---	---	18
19	---	---	0.010 B	0.014	0.009	0.003	0.001	0.001	0.001	0.002	---	---	19
20	---	---	0.009 B	0.013	0.009	0.003	0.001	0.001	0.001	0.002	---	---	20
21	---	---	0.008 B	0.013	0.009	0.003	0.001	0.000	0.001	0.002	---	---	21
22	---	0.005 B	0.008 B	0.013	0.008	0.002	0.001	0.000	0.001	0.002	---	---	22
23	---	0.005 B	0.011 B	0.012	0.009	0.002	0.001	0.000	0.002	0.002	---	---	23
24	---	0.006 B	0.038 B	0.012	0.007	0.002	0.001	0.000	0.002	0.002	---	---	24
25	---	0.006 B	0.094 B	0.012	0.006	0.002	0.001	0.001	0.002	0.003	---	---	25
26	---	0.006 B	0.272 B	0.012	0.006	0.002	0.001	0.001	0.002	0.003	---	---	26
27	---	0.006 B	1.64 B	0.011	0.006	0.002	0.001	0.001	0.002	0.004	---	---	27
28	---	0.006 B	2.59 B	0.011	0.006	0.002	0.001	0.001	0.002	0.004 B	---	---	28
29	---		3.81 B	0.011	0.006	0.002	0.001	0.001	0.002	0.004 B	---	---	29
30	---		3.50 B	0.011	0.005	0.003	0.001	0.001	0.002	0.004 B	---	---	30
31	---		3.74		0.005		0.001	0.001		0.003 B		---	31
TOTAL			16.022	15.249	0.283	0.105	0.038	0.027	0.039	0.080			TOTAL
MEAN			0.517	0.508	0.009	0.003	0.001	0.001	0.001	0.003			MEAN
DAM3			1380	1320	24.5	9.07	3.28	2.33	3.37	6.91			DAM3
MAX			3.81	3.69	0.012	0.005	0.003	0.001	0.002	0.004			MAX
MIN			0.006	0.011	0.005	0.002	0.001	0.000	0.001	0.002			MIN

SUMMARY FOR THE YEAR:

Maximum daily discharge, 3.81 B M3/S On 2006-03-29

Minimum daily discharge, 0.000 M3/S On 2006-08-21

Max Inst discharge, 4.88 B M3/S @ 15:05:00 CST On 2006-03-29

Min Inst discharge, 0.000 M3/S @ 17:05:00 CST On 2006-08-23

A - MANUAL GAUGE B - ICE CONDITIONS E - ESTIMATED D - DRY

HQ #16.00: 2002-01-01 to open shift corr

APPROVED BY THE FIELD REPRESENTATIVES OF CANADA AND THE UNITED STATES

WATER SURVEY OF CANADA
2006-12-01 11:45
REGINA, SASK.

MIDDLE CREEK RESERVOIR BEDFORD OUTLET

STATION NO. 11AB114

CompuMod 1.7.3

MEAN DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 2006

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	1
2	---	---	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	2
3	---	---	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	3
4	---	---	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	4
5	---	---	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	5
6	---	---	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	6
7	---	---	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	7
8	---	---	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	8
9	---	---	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	9
10	---	---	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	10
11	---	---	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	11
12	---	---	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	12
13	---	---	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	13
14	---	---	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	14
15	---	---	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	15
16	---	---	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	16
17	---	---	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	17
18	---	---	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	18
19	---	---	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	19
20	---	---	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	20
21	---	---	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	21
22	---	---	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	22
23	---	---	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	23
24	---	---	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	24
25	---	---	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	25
26	---	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	26
27	---	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	27
28	---	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	28
29	---		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	29
30	---		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	30
31	---		0.000		0.000		0.000	0.000		0.000		---	31
TOTAL			0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000			TOTAL
MEAN			0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000			MEAN
DAM3			0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000			DAM3
MAX			0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000			MAX
MIN			0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000			MIN

SUMMARY FOR THE YEAR:
Maximum daily discharge, 0.000 M3/S On 2006-02-26
Minimum daily discharge, 0.000 M3/S On 2006-02-26
Max Inst discharge, not valid
Min Inst discharge, not valid

A - MANUAL GAUGE B - ICE CONDITIONS E - ESTIMATED D - DRY

APPROVED BY THE FIELD REPRESENTATIVES FOR CANADA AND THE UNITED STATES

WATER SURVEY OF CANADA — MIDDLE CREEK RESERVOIR FLOOD SPILLWAY — STATION NO. 11AB115

2006-12-01 12:42

REGINA, SASK. — CompuMod 1.7.3

MEAN DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 2006

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	1
2	---	---	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	2
3	---	---	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	3
4	---	---	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	4
5	---	---	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	5
6	---	---	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	6
7	---	---	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	7
8	---	---	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	8
9	---	---	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	9
10	---	---	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	10
11	---	---	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	11
12	---	---	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	12
13	---	---	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	13
14	---	---	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	14
15	---	---	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	15
16	---	---	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	16
17	---	---	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	17
18	---	---	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	18
19	---	---	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	19
20	---	---	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	20
21	---	---	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	21
22	---	---	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	22
23	---	---	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	23
24	---	---	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	24
25	---	---	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	25
26	---	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	26
27	---	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	27
28	---	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	28
29	---		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	29
30	---		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	30
31	---		0.000		0.000		0.000	0.000		0.000		---	31
TOTAL			0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000			TOTAL
MEAN			0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000			MEAN
DAM3			0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000			DAM3
MAX			0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000			MAX
MIN			0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000			MIN

SUMMARY FOR THE MONTHS MARCH TO OCTOBER:
Maximum daily discharge, 0.000 M3/S On 2006-02-26
Minimum daily discharge, 0.000 M3/S On 2006-02-26
Max Inst discharge, 0.000 M3/S @ 00:00:00 CST On 2006-02-26
Min Inst discharge, 0.000 M3/S @ 00:00:00 CST On 2006-02-26

A - MANUAL GAUGE B - ICE CONDITIONS E - ESTIMATED D - DRY
HQ #2.00: 1996-01-01 to open

APPROVED BY THE FIELD REPRESENTATIVES FOR CANADA AND THE UNITED STATES

WATER SURVEY OF CANADA — MIDDLE CREEK BELOW MIDDLE CREEK RESERVOIR — STATION NO. 11AB001

2007-02-08 12:51

REGINA, SASK.

CompuMod 1.7.3

DAILY MEAN DISCHARGE IN CUBIC METRES PER SECOND FOR 2006

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.000	0.029	0.000	0.024	0.000	0.000	0.000	0.000	0.000	---	1
2	---	---	0.000	0.025	0.000	0.025	0.000	0.000	0.000	0.000	---	---	2
3	---	---	0.000	0.008	0.000	0.005	0.000	0.000	0.000	0.000	---	---	3
4	---	---	0.000	0.001	0.000	0.002	0.000	0.000	0.000	0.000	---	---	4
5	---	---	0.000	0.001	0.000	0.001	0.000	0.000	0.000	0.000	---	---	5
6	---	---	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	6
7	---	---	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	7
8	---	---	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	8
9	---	---	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	9
10	---	---	0.002 A	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	10
11	---	---	0.007	0.000	0.197	0.000	0.000	0.000	0.000	0.000	---	---	11
12	---	---	0.007	0.000	1.25	0.000	0.000	0.000	0.000	0.000	---	---	12
13	---	---	0.006	0.000	0.223	0.000	0.000	0.000	0.000	0.000	---	---	13
14	---	---	0.006	0.000	0.048	0.000	0.000	0.000	0.000	0.000	---	---	14
15	---	---	0.006	0.000	0.039	0.000	0.000	0.000	0.000	0.000	---	---	15
16	---	---	0.006	0.000	0.028	0.000	0.000	0.000	0.000	0.000	---	---	16
17	---	---	0.006	0.000	0.050	0.000	0.000	0.000	0.000	0.000	---	---	17
18	---	---	0.005	0.000	0.055	0.000	0.000	0.000	0.000	0.000	---	---	18
19	---	---	0.005	0.000	0.047	0.000	0.000	0.000	0.000	0.000	---	---	19
20	---	---	0.005	0.000	0.034	0.000	0.000	0.000	0.000	0.000	---	---	20
21	---	---	0.005	0.000	0.052	0.000	0.000	0.000	0.000	0.000	---	---	21
22	---	---	0.005	0.000	0.086	0.000	0.000	0.000	0.000	0.000	---	---	22
23	---	0.000	0.005	0.000	0.024	0.000	0.000	0.000	0.000	0.000	---	---	23
24	---	0.000	0.005	0.000	0.005	0.000	0.000	0.000	0.000	0.000	---	---	24
25	---	0.000	0.005	0.000	0.002	0.000	0.000	0.000	0.000	0.000	---	---	25
26	---	0.000	0.015	0.000	0.004	0.000	0.000	0.000	0.000	0.000	---	---	26
27	---	0.000	0.026	0.000	0.020	0.000	0.000	0.000	0.000	0.000	---	---	27
28	---	0.000	0.038	0.000	0.050	0.000	0.000	0.000	0.000	0.000	---	---	28
29	---		0.039	0.000	0.051	0.000	0.000	0.000	0.000	0.000	---	---	29
30	---		0.035	0.000	0.043	0.000	0.000	0.000	0.000	0.000	---	---	30
31	---		0.032		0.035		0.000	0.000		0.000		---	31
TOTAL			0.271	0.064	2.343	0.057	0.000	0.000	0.000	0.000			TOTAL
MEAN			0.009	0.002	0.076	0.002	0.000	0.000	0.000	0.000			MEAN
DAM3			23.4	5.53	202	4.92	0.000	0.000	0.000	0.000			DAM3
MAX			0.039	0.029	1.25	0.025	0.000	0.000	0.000	0.000			MAX
MIN			0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000			MIN

SUMMARY FOR THE YEAR:

Maximum daily discharge, 1.25 M3/S On 2006-05-12

Minimum daily discharge, 0.000 M3/S On 2006-02-23

Max Inst discharge, 1.46 M3/S @ 22:39:00 CST On 2006-05-11

Min Inst discharge, 0.000 M3/S @ 00:00:00 CST On 2006-02-23

A - MANUAL GAUGE B - ICE CONDITIONS E - ESTIMATED D - DRY

HQ #5.00: 1987-02-12 00:00 to open shift corr

APPROVED BY THE FIELD REPRESENTATIVES OF CANADA AND THE UNITED STATES

WATER SURVEY OF CANADA — MIDDLE CREEK ABOVE LODGE CREEK — STATION NO. 11AB008

2007-02-08 12:55

REGINA, SASK.

CompuMod 1.7.3

DAILY MEAN DISCHARGE IN CUBIC METRES PER SECOND FOR 2006

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.000 B	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	1
2	---	---	0.000 B	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	2
3	---	---	0.000 B	0.004	0.000	0.000	0.000	0.000	0.000	0.000	---	---	3
4	---	---	0.000 B	0.005	0.000	0.000	0.000	0.000	0.000	0.000	---	---	4
5	---	---	0.000 B	0.007	0.000	0.000	0.000	0.000	0.000	0.000	---	---	5
6	---	---	0.000 B	0.005	0.000	0.000	0.000	0.000	0.000	0.000	---	---	6
7	---	---	0.000 B	0.003	0.000	0.000	0.000	0.000	0.000	0.000	---	---	7
8	---	---	0.000 B	0.003	0.000	0.000	0.000	0.000	0.000	0.000	---	---	8
9	---	---	0.000 B	0.001	0.000	0.000	0.000	0.000	0.000	0.000	---	---	9
10	---	---	0.000 B	0.001	0.000	0.000	0.000	0.000	0.000	0.000	---	---	10
11	---	---	0.000 B	0.001	0.000	0.000	0.000	0.000	0.000	0.000	---	---	11
12	---	---	0.000 B	0.001	0.000	0.000	0.000	0.000	0.000	0.000	---	---	12
13	---	---	0.000 B	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	13
14	---	---	0.000 B	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	14
15	---	---	0.000 B	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	15
16	---	---	0.000 B	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	16
17	---	---	0.000 B	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	17
18	---	---	0.000 B	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	18
19	---	---	0.000 B	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	19
20	---	---	0.000 B	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	20
21	---	---	0.000 B	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	21
22	---	---	0.000 B	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	22
23	---	0.000 B	0.000 B	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	23
24	---	0.000 B	0.000 B	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	24
25	---	0.000 B	0.000 B	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	25
26	---	0.000 B	0.000 B	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	26
27	---	0.000 B	0.000 B	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	27
28	---	0.000 B	0.000 B	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	28
29	---		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	29
30	---		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	30
31	---		0.000		0.000		0.000	0.000		0.000		---	31
TOTAL			0.000	0.031	0.000	0.000	0.000	0.000	0.000	0.000			TOTAL
MEAN			0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000			MEAN
DAM3			0.000	2.68	0.000	0.000	0.000	0.000	0.000	0.000			DAM3
MAX			0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000			MAX
MIN			0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000			MIN

SUMMARY FOR THE YEAR:

Maximum daily discharge, 0.007 M3/S On 2006-04-05

Minimum daily discharge, 0.000 B M3/S On 2006-02-23

Max Inst discharge, 0.009 M3/S @ 18:30:00 CST On 2006-04-05

Min Inst discharge, 0.000 B M3/S @ 00:00:00 CST On 2006-02-23

A - MANUAL GAUGE B - ICE CONDITIONS E - ESTIMATED D - DRY

HQ #11.00: 1997-02-20 to open shift corr

APPROVED BY THE FIELD REPRESENTATIVES OF CANADA AND THE UNITED STATES

WATER SURVEY OF CANADA — MIDDLE CREEK NEAR GOVENLOCK — STATION NO. 11AB108

2007-02-08 13:01

REGINA, SASK.

CompuMod 1.7.3

DAILY MEAN DISCHARGE IN CUBIC METRES PER SECOND FOR 2006

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.000 B	0.070 B	0.002	0.031	0.001	0.000	0.000	0.000	---	---	1
2	---	---	0.000 B	0.089 B	0.003	0.023	0.001	0.000	0.000	0.000	---	---	2
3	---	---	0.000 B	0.073 B	0.002	0.018	0.001	0.000	0.000	0.000	---	---	3
4	---	---	0.000 B	0.068 B	0.002	0.014	0.000	0.000	0.000	0.000	---	---	4
5	---	---	0.000 B	0.069 B	0.002	0.012	0.000	0.000	0.000	0.000	---	---	5
6	---	---	0.000 B	0.071	0.002	0.008	0.000	0.000	0.000	0.000	---	---	6
7	---	---	0.000 B	0.050	0.002	0.005	0.000	0.000	0.000	0.000	---	---	7
8	---	---	0.000 B	0.040	0.004	0.006	0.000	0.000	0.000	0.000	---	---	8
9	---	---	0.000 B	0.166	0.003	0.007	0.000	0.000	0.000	0.000	---	---	9
10	---	---	0.000 B	0.071	0.003	0.013	0.000	0.000	0.000	0.000	---	---	10
11	---	---	0.000 B	0.029	0.003	0.018	0.000	0.000	0.000	0.000	---	---	11
12	---	---	0.000 B	0.020	0.003	0.019	0.000	0.000	0.000	0.000	---	---	12
13	---	---	0.000 B	0.018	0.003	0.018	0.000	0.000	0.000	0.000	---	---	13
14	---	---	0.000 B	0.017	0.002	0.016	0.000	0.000	0.000	0.000	---	---	14
15	---	---	0.000 B	0.037	0.177	0.017	0.000	0.000	0.000	0.000	---	---	15
16	---	---	0.000 B	0.026	0.197	0.019	0.000	0.000	0.000	0.000	---	---	16
17	---	---	0.000 B	0.023	0.143	0.019	0.000	0.000	0.000	0.000	---	---	17
18	---	---	0.000 B	0.023	0.072	0.018	0.000	0.000	0.000	0.000	---	---	18
19	---	---	0.008 B	0.026	0.034	0.017	0.000	0.000	0.000	0.000	---	---	19
20	---	---	0.052 B	0.021	0.027	0.016	0.000	0.000	0.000	0.000	---	---	20
21	---	---	0.063 B	0.018	0.024	0.013	0.000	0.000	0.000	0.000	---	---	21
22	---	---	0.042 B	0.017	0.018	0.010	0.000	0.000	0.000	0.000	---	---	22
23	---	0.000 B	0.025 B	0.013	0.015	0.008	0.000	0.000	0.000	0.000	---	---	23
24	---	0.000 B	0.028 B	0.008	0.008	0.006	0.000	0.000	0.000	0.000	---	---	24
25	---	0.000 B	0.032 B	0.006	0.041	0.005	0.000	0.000	0.000	0.000	---	---	25
26	---	0.000 B	0.045 B	0.005	0.048	0.004	0.000	0.000	0.000	0.000	---	---	26
27	---	0.000 B	0.031 B	0.005	0.029	0.003	0.000	0.000	0.000	0.000	---	---	27
28	---	0.000 B	0.026 B	0.002	0.030	0.001	0.000	0.000	0.000	0.000	---	---	28
29	---		0.025 B	0.002	0.029	0.001	0.000	0.000	0.000	0.000	---	---	29
30	---		0.027 B	0.002	0.035	0.001	0.000	0.000	0.000	0.000	---	---	30
31	---		0.038 B		0.037		0.000	0.000		0.000		---	31
TOTAL			0.442	1.085	1.000	0.366	0.003	0.000	0.000	0.000			TOTAL
MEAN			0.014	0.036	0.032	0.012	0.000	0.000	0.000	0.000			MEAN
DAM3			38.2	93.7	86.4	31.6	0.259	0.000	0.000	0.000			DAM3
MAX			0.063	0.166	0.197	0.031	0.001	0.000	0.000	0.000			MAX
MIN			0.000	0.002	0.002	0.001	0.000	0.000	0.000	0.000			MIN

SUMMARY FOR THE YEAR:

Maximum daily discharge, 0.197 M3/S On 2006-05-16

Minimum daily discharge, 0.000 B M3/S On 2006-02-23

Max Inst discharge, 0.317 M3/S @ 11:09:00 CST On 2006-05-15

Min Inst discharge, 0.000 B M3/S @ 00:00:00 CST On 2006-02-23

A - MANUAL GAUGE B - ICE CONDITIONS E - ESTIMATED D - DRY

HQ #9.00: 2002-01-01 to open shift corr

APPROVED BY THE FIELD REPRESENTATIVES OF CANADA AND THE UNITED STATES

WATER SURVEY OF CANADA **ALTAWAN EVAPORATION** **STATION NO. 11EV089**

1st Total (Eagle Butte Ppt)-Upper Lodge Creek Reservoirs (Bare,Greasewood, Massy, Michel)
2nd Total (Altawan Ppt)-Cressday, (Eagle Butte Ppt)-Mitchell
3rd Total (Altawan Ppt)-Jaydot,Altawan Reservoirs
4th Total - Reesor Reservoir

	MARCH					APRIL					MAY					JUNE					
	Altawan			Eagle Butte		Altawan			Eagle Butte		Altawan			Eagle Butte		Altawan			Eagle Butte		
	EVAP.	PREC.	M	Prec.	M	EVAP.	PREC.	M	Prec.	M	EVAP.	PREC.	M	Prec.	M	EVAP.	PREC.	M	Prec.	M	
1	Frozen					Frozen					4.4			5		7.2					1
2	Frozen					Frozen					3	1		2.4		4.8			2		2
3	Frozen					Frozen					3.3	2.8	0.040	1.8		12		0.052			3
4	Frozen					Frozen					3.3					9.6	1.4		16		4
5	Frozen					Frozen					4.3					3.4	0.8		0.6		5
6	Frozen					Frozen					4					7.2					6
7	Frozen					Frozen					6					12.8			3.2		7
8	Frozen					Frozen					7					-2.4	6		4.4		8
9	Frozen					Frozen					7			15		-22.2	24.6		0.4		9
10	Frozen					Frozen					5			2.2		0	1		13		10
11	Frozen					Frozen		0.000		0.000	5.8		0.053		0.017	-1.9		0.020	1	0.002	11
12	Frozen					Frozen		0.000		0.000	6		0.053		0.017	-1.9	7	0.016		0.006	12
13	Frozen					Frozen		0.000			7		0.054			4.8	0.4	0.018			13
14	Frozen					Frozen					7.4					7.2					14
15	Frozen					Frozen					9.8					-8.2	8.2		32		15
16	Frozen					Frozen					10.8					8			0.4		16
17	Frozen					Frozen					10.6					8					17
18	Frozen					Frozen		0.000			12					7.2		0.007			18
19	Frozen					Frozen					12		0.083			2.4	0.8		1.8		19
20	Frozen					Frozen					11			14		2.2	2.8		12.8		20
21	Frozen					Filled Pan					1.9					5			0.4		21
22	Frozen					5			3.8		1.9	10.2		1.4		4.8					22
23	Frozen					5	2.5				9.8					7.2					23
24	Frozen					5					9.4			1.6		9					24
25	Frozen					5					3	5.6				9.6					25
26	Frozen					5		0.017		0.013	3.4	1.4		2.2		7.6		0.045		0.008	26
27	Frozen					6		0.021		0.016	4.8	0.6	0.079	5.4	0.058	11		0.056		0.011	27
28	Frozen					6		0.025			3.4	7.4	0.075	7.4	0.054	13		0.062			28
29	Frozen					7					2.4		0.072	1.8		7.2	1.6		26.4		29
30	Frozen					5			4.6		4.8					4.4	3.5				30
31	Frozen										4.8	0.4									31
	All Reservoirs are under complete ice cover. No evaporation is considered.					0.0490	0.0025		8.4000		0.1893	0.0294		0.0602		0.1390	0.0581		0.1144		

[1] Totals are net evaporation in metres for the calculation period of the Upper Lodge Reservoirs (Bare Creek, Greasewood, Massy, Michel) estimated from Altawan Pan Evaporation, adjusted for elevation and Eagle Butte Precipitation

[2] Totals are net evaporation in metres for the calculation period of the Cressday Reservoir estimated from Altawan Pan Evaporation and Precipitation,

[3] Totals are net evaporation in metres for the calculation period of the Mitchell Reservoir estimated from Altawan Pan Evaporation, adjusted for elevation and Eagle Butte Precipitation

[4] Totals are net evaporation in metres for the calculation period of the Jaydot and Altawan Reservoirs estimated from Altawan Pan Evaporation and Precipitation

[5] Totals are net evaporation in metres for the calculation period of the Reesor Reservoir estimated from Altawan Pan Evaporation and Altawan Precipitation

* Val Marie Pan Data. Altawan Pan Frozen after October 1, Val Marie used until Oct. 8. Frozen thereafter.

APPROVED BY THE FIELD REPRESENTATIVES OF CANADA AND THE UNITED STATES

	JULY					AUGUST					SEPTEMBER					OCTOBER					
	Altawan			Eagle Butte		Altawan			Eagle Butte		Altawan			Eagle Butte		Altawan			Eagle Butte		
	EVAP.	PREC.	M	Prec.	M	EVAP.	PREC.	M	Prec.	M	EVAP.	PREC.	M	Prec.	M	EVAP.	PREC.	M	Prec.	M	
1	4.4	3.5				11					7					2.4	Closed				1
2	8.9					9.8					6.8					4					2
3	8		0.070			10		0.108			7		0.083			2.4		0.029			3
4	8.8					10.4					7					0					4
5	10					11					8					2.4					5
6	9.6					11.4					7.4					-13.6	18.4				6
7	11					11.8					7.4					2.4	1				7
8	10.2					9.6					8					2.4					8
9	10.1					7.2					7.2					Frozen					9
10	7.2	1.4				7.2	3				7.2					Frozen					10
11	11.6		0.092		0.060	8.3		0.105		0.092	7.2		0.080		0.067	Frozen		0.006		0.021	11
12	5.4		0.088		0.057	8.2		0.102		0.090	7.4		0.079		0.066	Frozen		0.004		0.020	12
13	5.4		0.083			8.3		0.101			7		0.077			Frozen		0.002			13
14	12					12					6.5			10.8		Frozen					14
15	12.8					9.6					-9	8		1.4		Closed Val Marie *					15
16	12.1					2	4.6		4.8		0	1.6		6.0							16
17	12.4					2	4.2		7.8		0	2		2.4							17
18	11.4					7.6					2.4		0.048	0.4							18
19	9.6		0.111			7.6		0.090			3.6			0.6				-0.010			19
20	9.8					7.6					3.6	1.4		3.0							20
21	9.8					8					1			11.6							21
22	9.6					8.3					0			3.4							22
23	9.6					7.2					0			0.4							23
24	10.4					8.8					3.5										24
25	10.6			0.6		8					3.6							0.000			25
26	10.4					8					3.5		0.019		-0.012						26
27	10		0.113		0.096	8		0.082		0.065	2.3		0.016		-0.016			0.000		0.000	27
28	12		0.118		0.100	9.6		0.083		0.066	2.4		0.012					0.000		0.000	28
29	9.6		0.120			9.6		0.084			2.3							0.000			29
30	11.4					8.3					6.8										30
31	10.6					7			1												31
	0.3047	0.0049		0.0006		0.2634	0.0118		0.0136		0.1271	0.0130		40.00		0.0024	0.0194		0.0000		

[1] Totals are net evaporation in metres for the calculation period of the Upper Lodge Reservoirs (Bare Creek, Greasewood, Massy, Michel) estimated from Altawan Pan Evaporation, adjusted for elevation and Eagle Butte Precipitation

[2] Totals are net evaporation in metres for the calculation period of the Cressday Reservoir estimated from Altawan Pan Evaporation and Precipitation,

[3] Totals are net evaporation in metres for the calculation period of the Mitchell Reservoir estimated from Altawan Pan Evaporation, adjusted for elevation and Eagle Butte Precipitation

[4] Totals are net evaporation in metres for the calculation period of the Jaydot and Altawan Reservoirs estimated from Altawan Pan Evaporation and Precipitation

[5] Totals are net evaporation in metres for the calculation period of the Reesor Reservoir estimated from Altawan Pan Evaporation and Altawan Precipitation

* Val Marie Pan Data. Altawan Pan Frozen after October 1, Val Marie used until Oct. 8. Frozen thereafter.

APPROVED BY THE FIELD REPRESENTATIVES OF CANADA AND THE UNITED STATES

STORAGE FACTORS AND EVAPORATION LOSSES
2006

ALTAWAN RESERVOIR 11AB089

PERIOD	ELEVATION AT End of Period (m)	MEAN RESERVOIR SURFACE AREA (dam^2)	EVAPORATION		STORAGE AT		CHANGE IN STORAGE (dam^3)
			Pan (m)	Reservoir (dam^3)	Beginning of Period (dam^3)	End of Period (dam^3)	
1	898.044	13911	0.000	0	3941	3933	-8
2	899.205	15601	0.000	0	3933	5737	1804
3	899.920	17320	0.000	0	5737	6976	1239
4	899.852	17799	0.025	45	6976	6855	-76
5	899.114	17196	0.054	92	6855	5585	-1178
6	898.500	15986	0.072	115	5585	4603	-867
7	897.500	13690	0.018	24	4603	3253	-1326
8	897.747	11790	0.062	73	3253	3545	365
9	897.664	12044	0.083	99	3545	3445	-1
10	897.157	11308	0.120	136	3445	2871	-438
11	896.617	10211	0.101	104	2871	2318	-449
12	896.550	9569	0.084	80	2318	2255	17
13	896.475	9434	0.077	73	2255	2184	2
14	896.447	9328	0.012	12	2184	2158	-14
15	896.403	9252	0.002	2	2158	2117	-39
16	896.370	9166	0.000	0	2117	2087	-30

EVAPORATION STATION IS ALTAWAN

WATER SURVEY OF CANADA | SPANGLER DITCH NEAR GOVENLOCK | STATION NO. 11AB060

2007-02-08 12:57

REGINA, SASK.

CompuMod 1.7.3

DAILY MEAN DISCHARGE IN CUBIC METRES PER SECOND FOR 2006

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.000	0.000	0.997	0.000	0.000	0.717	0.000	0.000	---	---	1
2	---	---	0.000	0.000	0.996	0.000	0.000	0.620	0.000	0.000	---	---	2
3	---	---	0.000	0.000	1.01	0.000	0.000	0.611	0.000	0.000	---	---	3
4	---	---	0.000	0.000	1.01	0.000	0.000	0.464	0.000	0.000	---	---	4
5	---	---	0.000	0.000	1.01	0.000	0.000	0.082	0.000	0.000	---	---	5
6	---	---	0.000	0.000	1.01	0.000	0.000	0.129	0.000	0.000	---	---	6
7	---	---	0.000	0.000	1.01	0.000	0.000	0.411	0.000	0.000	---	---	7
8	---	---	0.000	0.000	1.01	0.000	0.000	0.219	0.000	0.000	---	---	8
9	---	---	0.000	0.000	1.01	0.000	0.000	0.000	0.000	0.000	---	---	9
10	---	---	0.000	0.000	1.02	0.000	0.000	0.000	0.000	0.000	---	---	10
11	---	---	0.000	0.000	1.02	0.000	0.000	0.000	0.000	0.000	---	---	11
12	---	---	0.000	0.000	1.02	0.000	0.000	0.000	0.000	0.000	---	---	12
13	---	---	0.000	0.000	1.02	0.000	0.000	0.000	0.000	0.000	---	---	13
14	---	---	0.000	0.000	1.02	0.000	0.000	0.000	0.000	0.000	---	---	14
15	---	---	0.000	0.000	1.02	0.000	0.000	0.000	0.000	0.000	---	---	15
16	---	---	0.000	0.000	1.03	0.000	0.000	0.000	0.000	0.000	---	---	16
17	---	---	0.000	0.000	1.03	0.000	0.000	0.000	0.000	0.000	---	---	17
18	---	---	0.000	0.000	1.00	0.000	0.000	0.000	0.000	0.000	---	---	18
19	---	---	0.000	0.000	0.726	0.000	0.000	0.000	0.000	0.000	---	---	19
20	---	---	0.000	0.000	0.643	0.000	0.000	0.000	0.000	0.000	---	---	20
21	---	---	0.000	0.000	0.471	0.000	0.000	0.000	0.000	0.000	---	---	21
22	---	---	0.000	0.000	0.395	0.000	0.000	0.000	0.000	0.000	---	---	22
23	---	---	0.000	0.000	0.404	0.000	0.000	0.000	0.000	0.000	---	---	23
24	---	---	0.000	0.000	0.313	0.000	0.659	0.000	0.000	0.000	---	---	24
25	---	---	0.000	0.000	0.000	0.000	0.826	0.000	0.000	0.000	---	---	25
26	---	---	0.000	0.000	0.000	0.000	0.821	0.000	0.000	0.000	---	---	26
27	---	0.000	0.000	0.000	0.000	0.000	0.797	0.000	0.000	0.000	---	---	27
28	---	0.000	0.000	0.000	0.000	0.000	0.767	0.000	0.000	0.000	---	---	28
29	---		0.000	0.000	0.000	0.000	0.730	0.000	0.000	0.000	---	---	29
30	---		0.000	0.606	0.000	0.000	0.714	0.000	0.000	0.000	---	---	30
31	---		0.000		0.000		0.710	0.000		0.000		---	31
TOTAL			0.000	0.606	21.195	0.000	6.024	3.253	0.000	0.000			TOTAL
MEAN			0.000	0.020	0.684	0.000	0.194	0.105	0.000	0.000			MEAN
DAM3			0.000	52.4	1830	0.000	520	281	0.000	0.000			DAM3
MAX			0.000	0.606	1.03	0.000	0.826	0.717	0.000	0.000			MAX
MIN			0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000			MIN

SUMMARY FOR THE YEAR:

Maximum daily discharge, 1.03 M3/S On 2006-05-16

Minimum daily discharge, 0.000 M3/S On 2006-02-27

Max Inst discharge, not valid

Min Inst discharge, not valid

A - MANUAL GAUGE B - ICE CONDITIONS E - ESTIMATED D - DRY

HQ #10.00: 1993-03-01 00:00 to open shift corr

APPROVED BY THE FIELD REPRESENTATIVES OF CANADA AND THE UNITED STATES

WATER SURVEY OF CANADA
2006-12-01 08:58
REGINA, SASK.

SQUAW COULEE NEAR WILLOW CREEK

STATION NO. 11AB103

CompuMod 1.7.3

DAILY MEAN DISCHARGE IN CUBIC METRES PER SECOND FOR 2006

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	1
2	---	---	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	2
3	---	---	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	3
4	---	---	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	4
5	---	---	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	5
6	---	---	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	6
7	---	---	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	7
8	---	---	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	8
9	---	---	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	9
10	---	---	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	10
11	---	---	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	11
12	---	---	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	12
13	---	---	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	13
14	---	---	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	14
15	---	---	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	15
16	---	---	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	16
17	---	---	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	17
18	---	---	0.000	0.000	0.012	0.000	0.000	0.000	0.000	0.000	---	---	18
19	---	---	0.000	0.000	0.029	0.000	0.000	0.000	0.000	0.000	---	---	19
20	---	---	0.000	0.000	0.032	0.000	0.000	0.000	0.000	0.000	---	---	20
21	---	---	0.000	0.000	0.050	0.000	0.000	0.000	0.000	0.000	---	---	21
22	---	---	0.000	0.000	0.020	0.000	0.000	0.000	0.000	0.000	---	---	22
23	---	---	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	---	---	23
24	---	---	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	---	---	24
25	---	---	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	---	---	25
26	---	---	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	---	---	26
27	---	---	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	---	---	27
28	---	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	---	---	28
29	---		0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	---	---	29
30	---		0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	---	---	30
31	---		0.000		0.001		0.000	0.000		0.000		---	31
TOTAL			0.000	0.000	0.172	0.000	0.000	0.000	0.000	0.000			TOTAL
MEAN			0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000			MEAN
DAM3			0.000	0.000	14.9	0.000	0.000	0.000	0.000	0.000			

SUMMARY FOR THE YEAR:

A - MANUAL GAUGE B - ICE CONDITIONS E - ESTIMATED

Maximum daily discharge, 0.050 M3/S On 2006-05-21
Minimum daily discharge, 0.000 M3/S On 2006-02-28
Max Inst discharge, 0.061 M3/S @ 02:40:00 CST On 2006-05-21
Min Inst discharge, 0.000 M3/S @ 00:00:00 CST On 2006-02-28

HQ #11.00: 2002-02-01 00:00 to open shift corr

APPROVED BY THE FIELD REPRESENTATIVES OF CANADA AND THE UNITED STATES

LODGE CREEK BASIN MINOR DIVERSIONS – SASKATCHEWAN
2006
(VOLUME IN CUBIC DECAMETERS)

Saskatchewan Minor Diversions Associated with Middle Creek Area

	March		April		May		June		July		August		Sept		
File number	**1 - 15**	**16 - 31**	**1 - 15**	**16 - 30**	**1 - 15**	**16 - 31**	**1 - 15**	**16 - 30**	**1 - 15**	**16 - 31**	**1 - 15**	**16 – 31**	**1 - 15**	**16 – 30**	**Total**
205		0.0	26.3	6.6	0	0									32.9
8250															
11727															
11746															
11768															
15028															
Sub-Total	**0**	**0**	**26.3**	**6.6**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**32.9**

Saskatchewan Minor Diversions Associated with Altawan Reservoir Area

410															
787															
788															
831			89.8	13.8											103.6
832															
1582															
1583															
4382															
4446															
8299															
10136															
10600															
10663															
10789															
10877															
12478															
12479															
12480															
12481															
12482			34.5												34.5
Sub-Total	**0**	**0**	**124.3**	**13.8**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**138.1**
Total Saskatchewan	**0**	**0**	**150.6**	**20.4**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**171**

LODGE CREEK BASIN MINOR DIVERSIONS – ALBERTA
2006
(VOLUME IN CUBIC DECAMETERS)

Minor Diversions Associated with Upper Lodge Area

	March		April		May		June		July		August		Sept		
File number	**1 - 15**	**16 - 31**	**1 - 15**	**16 - 30**	**1 - 15**	**16 - 31**	**1 - 15**	**16 - 30**	**1 - 15**	**16 - 31**	**1 - 15**	**16 – 31**	**1 - 15**	**16 – 30**	**Total**
370															
412			12.0		19.0										31.0
415															
2935															
3787															
8097		93.0	93.0												186.0
& 397							25.0								25.0
9654															
12719															
13803															
14535															
14562															
15617					37.0	49.0									86.0
16878															
Sub-Total		**93**	**105**	**0**	**56**	**49**	**2**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**328**

Minor Diversions Associated with Mitchell Reservoir Area

303M															
&365M															
920M															
1830M															
Sub-Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0.0**

Alberta Minor Diversions Associated with Middle Creek Area

20452M															
Sub-Total	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**

Alberta Minor Diversions Associated with Altawan Reservoir Area

2130															
16378															
Sub-Total	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**

Total Alberta	**0.0**	**93.0**	**105.0**	**0.0**	**56.0**	**49.0**	**25.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**328**
Total Sask.	**0.0**	**0.0**	**150.6**	**20.4**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**171**
Total Entire Basin	**0.0**	**93**	**256**	**20**	**56**	**49**	**25**	**0**	**0**	**0**	**0**	**0**	**0**	**0.0**	**499**

Water Rights Data supplied by Saskatchewan Watershed Authority and Alberta Environment.

WATER SURVEY OF CANADA — BATTLE CREEK AT INTERNATIONAL BOUNDARY — STATION NO. 11AB027

2007-02-08 11:50

REGINA, SASK.

CompuMod 1.7.3

DAILY MEAN DISCHARGE IN CUBIC METRES PER SECOND FOR 2006

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.230 B	0.396	0.332	1.06	0.399	0.002	0.000	0.337	0.220 E	---	1
2	---	---	0.280 B	0.465	0.472	1.03	0.374	0.001	0.000	0.292	0.217 A	---	2
3	---	---	0.350 B	0.360	0.518	1.05	0.351	0.001	0.000	0.255	---	---	3
4	---	---	0.370 B	0.652	0.467	1.06	0.305	0.001	0.000	0.229	---	---	4
5	---	---	0.350 B	0.736	0.289	0.841	0.268	0.000	0.000	0.218	---	---	5
6	---	---	0.300 B	0.531	0.263	0.601	0.236	0.000	0.000	0.216	---	---	6
7	---	---	0.280 B	0.744	0.225	0.448	0.202	0.000	0.000	0.212	---	---	7
8	---	---	0.290 B	1.06	0.211	0.449	0.164	0.000	0.000	0.193	---	---	8
9	---	---	0.320 B	0.590	0.280	0.465	0.146	0.000	0.000	0.183	---	---	9
10	---	---	0.330 B	0.809	0.197	0.449	0.136	0.000	0.000	0.186	---	---	10
11	---	---	0.280 B	0.677	0.162	0.451	0.129	0.000	0.000	0.191	---	---	11
12	---	---	0.200 B	0.350	0.159	0.420	0.122	0.000	0.000	0.185	---	---	12
13	---	---	0.150 B	0.239	0.132	0.396	0.120	0.000	0.000	0.198	---	---	13
14	---	---	0.130 B	0.428	0.224	0.373	0.096	0.000	0.000	0.204	---	---	14
15	---	---	0.140 B	0.466	0.140	0.429	0.150	0.000	0.000	0.221	---	---	15
16	---	---	0.147	0.388	0.078	0.465	0.176	0.000	0.000	0.229	---	---	16
17	---	---	0.165	0.300	0.053	0.515	0.148	0.000	0.000	0.238	---	---	17
18	---	---	0.159	0.249	0.036	0.584	0.121	0.000	0.000	0.245	---	---	18
19	---	---	0.140	0.182	0.028	0.509	0.121	0.000	0.000	0.270	---	---	19
20	---	---	0.135	0.130	0.031	0.489	0.110	0.000	0.000	0.302	---	---	20
21	---	---	0.133	0.124	0.034	0.455	0.092	0.000	0.000	0.304	---	---	21
22	---	---	0.138	0.116	0.023	0.526	0.057	0.000	0.000	0.300	---	---	22
23	---	0.206 B	0.144	0.506	0.019	0.657	0.043	0.000	0.000	0.313	---	---	23
24	---	0.208 B	0.189	0.568	0.013	0.595	0.029	0.000	0.000	0.311	---	---	24
25	---	0.210 B	0.235	0.466	0.016	0.542	0.021	0.000	0.000	0.318	---	---	25
26	---	0.215 B	0.258	0.497	0.031	0.492	0.015	0.000	0.000	0.304	---	---	26
27	---	0.220 B	0.257	0.469	0.031	0.542	0.012	0.000	0.000	0.320	---	---	27
28	---	0.225 B	0.270	0.415	0.143	0.576	0.011	0.000	0.171	0.357	---	---	28
29	---		0.305	0.387	0.454	0.487	0.014	0.000	0.238	0.371	---	---	29
30	---		0.336	0.365	0.499	0.435	0.009	0.000	0.323	0.337	---	---	30
31	---		0.323		0.756		0.004	0.000		0.221		---	31
TOTAL			7.334	13.665	6.316	17.391	4.181	0.005	0.732	8.060			TOTAL
MEAN			0.237	0.455	0.204	0.580	0.135	0.000	0.024	0.260			MEAN
DAM3			634	1180	546	1500	361	0.432	63.2	696			DAM3
MAX			0.370	1.06	0.756	1.06	0.399	0.002	0.323	0.371			MAX
MIN			0.130	0.116	0.013	0.373	0.004	0.000	0.000	0.183			MIN

SUMMARY FOR THE YEAR:

Maximum daily discharge, 1.06 M3/S On 2006-04-08

Minimum daily discharge, 0.000 M3/S On 2006-08-05

Max Inst discharge, 1.84 M3/S @ 12:45:00 CST On 2006-04-08

Min Inst discharge, 0.000 M3/S @ 00:00:00 CST On 2006-08-05

A - MANUAL GAUGE B - ICE CONDITIONS E - ESTIMATED D - DRY

HQ #14.00: 1996-03-01 00:00 to open

APPROVED BY THE FIELD REPRESENTATIVES OF CANADA AND THE UNITED STATES

STORAGE FACTORS AND EVAPORATION LOSSES
2006

REESOR RESERVOIR 11AB090

PERIOD	ELEVATION AT End of Period (m)	MEAN RESERVOIR SURFACE AREA (dam^2)	EVAPORATION		STORAGE AT		CHANGE IN STORAGE (dam^3)
			Pan (m)	Reservoir (dam^3)	Beginning of Period (dam^3)	End of Period (dam^3)	
1	1226.158	5038	0.000	0	1494	1496	2
2	1226.170	5041	0.000	0	1496	1502	6
3	1226.178	5045	0.000	0	1502	1506	4
4	1226.174	5045	0.040	20	1506	1504	18
5	1226.172	5044	0.083	42	1504	1503	41
6	1226.173	5044	0.052	26	1503	1503	26
7	1226.182	5046	0.007	4	1503	1508	9
8	1226.141	5040	0.070	35	1508	1487	14
9	1226.031	5009	0.111	56	1487	1432	1
10	1225.942	4970	0.108	54	1432	1388	10
11	1225.853	4934	0.090	45	1388	1345	2
12	1225.790	4904	0.083	41	1345	1315	11
13	1225.777	4888	0.048	24	1315	1309	18
14	1225.824	4895	0.029	14	1309	1331	36
15	1225.857	4911	-0.010	-5	1331	1347	11
16	1225.897	4926	0.000	0	1347	1365	18

EVAPORATION STATION IS ALTAWAN

WATER SURVEY OF CANADA — GAFF DITCH NEAR MERRYFLAT — STATION NO. 11AB102

2007-02-08 12:44

REGINA, SASK.

CompuMod 1.7.3

DAILY MEAN DISCHARGE IN CUBIC METRES PER SECOND FOR 2006

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.000 B	0.680 B	0.017	0.002	0.000	0.000	0.000	0.000	0.000	---	1
2	---	---	0.000 B	0.833 B	0.015	0.002	0.000	0.000	0.000	0.000	---	---	2
3	---	---	0.000 B	0.909	0.013	0.002	0.000	0.000	0.000	0.000	---	---	3
4	---	---	0.000 B	0.932	0.013	0.002	0.000	0.000	0.000	0.000	---	---	4
5	---	---	0.000 B	0.874	0.012	0.002	0.000	0.000	0.000	0.000	---	---	5
6	---	---	0.000 B	0.918	0.012	0.002	0.000	0.000	0.000	0.000	---	---	6
7	---	---	0.000 B	0.790	0.011	0.002	0.000	0.000	0.000	0.000	---	---	7
8	---	---	0.000 B	0.637	0.010	0.002	0.000	0.000	0.000	0.000	---	---	8
9	---	---	0.008 B	0.585	0.008	0.001	0.000	0.000	0.000	0.000	---	---	9
10	---	---	0.024 B	0.541	0.008	0.001	0.000	0.000	0.000	0.000	---	---	10
11	---	---	0.008 B	0.580	0.008	0.001	0.000	0.000	0.000	0.000	---	---	11
12	---	---	0.001 B	0.593	0.009	0.001	0.000	0.000	0.000	0.000	---	---	12
13	---	---	0.000 B	0.643	0.009	0.001	0.000	0.000	0.000	0.000	---	---	13
14	---	---	0.000 B	0.646	0.009	0.001	0.000	0.000	0.000	0.000	---	---	14
15	---	---	0.000 B	0.615	0.004	0.000	0.000	0.000	0.000	0.000	---	---	15
16	---	---	0.000 B	0.598	0.003	0.000	0.000	0.000	0.000	0.000 A	---	---	16
17	---	---	0.000 B	0.580	0.003	0.000	0.000	0.000	0.000	0.000	---	---	17
18	---	---	0.000 B	0.565	0.003	0.000	0.000	0.000	0.000	0.000	---	---	18
19	---	---	0.000 B	0.533	0.003	0.000	0.000	0.000	0.000	0.000	---	---	19
20	---	---	0.000 B	0.500	0.003	0.000	0.000	0.000	0.000	0.000	---	---	20
21	---	---	0.000 B	0.490	0.002	0.000	0.000	0.000	0.000	0.000	---	---	21
22	---	---	0.000 B	0.477	0.003	0.000	0.000	0.000	0.000	0.000	---	---	22
23	---	0.000 B	0.000 B	0.477	0.003	0.000	0.000	0.000	0.000	0.000	---	---	23
24	---	0.000 B	0.000 B	0.490	0.002	0.000	0.000	0.000	0.000	0.000	---	---	24
25	---	0.000 B	0.000 B	0.464	0.002	0.000	0.000	0.000	0.000	0.000	---	---	25
26	---	0.000 B	0.000 B	0.247	0.002	0.000	0.000	0.000	0.000	0.000	---	---	26
27	---	0.000 B	0.000 B	0.025	0.002	0.000	0.000	0.000	0.000	0.000	---	---	27
28	---	0.000 B	0.000 B	0.022	0.002	0.000	0.000	0.000	0.000	0.000	---	---	28
29	---		0.010 B	0.021	0.002	0.000	0.000	0.000	0.000	0.000	---	---	29
30	---		0.078 B	0.019	0.002	0.000	0.000	0.000	0.000	0.000	---	---	30
31	---		0.350 B		0.002		0.000	0.000		0.000		---	31
TOTAL			0.479	16.284	0.197	0.022	0.000	0.000	0.000	0.000			TOTAL
MEAN			0.015	0.543	0.006	0.001	0.000	0.000	0.000	0.000			MEAN
DAM3			41.4	1410	17.0	1.90	0.000	0.000	0.000	0.000			DAM3
MAX			0.350	0.932	0.017	0.002	0.000	0.000	0.000	0.000			MAX
MIN			0.000	0.019	0.002	0.000	0.000	0.000	0.000	0.000			MIN

SUMMARY FOR THE YEAR:

Maximum daily discharge, 0.932 M3/S On 2006-04-04

Minimum daily discharge, 0.000 B M3/S On 2006-02-23

Max Inst discharge, not valid

Min Inst discharge, not valid

REMARKS, 2006 MAXIMUM AND MINIMUM EXTREMES NOT DETERMINED

A - MANUAL GAUGE B - ICE CONDITIONS E - ESTIMATED D - DRY

HQ #17.00: 2003-02-23 12:42 to open shift corr

APPROVED BY THE FIELD REPRESENTATIVES OF CANADA AND THE UNITED STATES

WATER SURVEY OF CANADA | CYPRESS LAKE WEST INFLOW CANAL | STATION NO. 11AB078

2007-02-08 12:39

REGINA, SASK.

CompuMod 1.7.3

DAILY MEAN DISCHARGE IN CUBIC METRES PER SECOND FOR 2006

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.000 B	0.472 B	0.000 A	0.000	0.000	0.000	0.000	0.000	---	---	1
2	---	---	0.000 B	1.06 B	0.000 A	0.000	0.000	0.000	0.000	0.000	---	---	2
3	---	---	0.000 B	3.91	0.000 A	0.000	0.000	0.000	0.000	0.000	---	---	3
4	---	---	0.000 B	5.47 A	0.000 A	0.000	0.000	0.000	0.000	0.000	---	---	4
5	---	---	0.000 B	5.83	0.000 A	0.000	0.000	0.000	0.000	0.000	---	---	5
6	---	---	0.000 B	3.93	0.000 E	0.000	0.000	0.000	0.000	0.000	---	---	6
7	---	---	0.000 B	3.03	0.000 E	0.000	0.000	0.000	0.000	0.000	---	---	7
8	---	---	0.000 B	1.62	0.000 E	0.000	0.000	0.000	0.000	0.000	---	---	8
9	---	---	0.000 B	0.593	0.000 E	0.000	0.000	0.000	0.000	0.000	---	---	9
10	---	---	0.000 B	0.067	0.000 E	0.000	0.000	0.000	0.000	0.000	---	---	10
11	---	---	0.000 B	0.008 A	0.000 E	0.000	0.000	0.000	0.000	0.000	---	---	11
12	---	---	0.000 B	0.001	0.000 E	0.000	0.000	0.000	0.000	0.000	---	---	12
13	---	---	0.000 B	0.001 A	0.000 E	0.000	0.000	0.000	0.000	0.000	---	---	13
14	---	---	0.000 B	0.001 A	0.000 E	0.000	0.000	0.000	0.000	0.000	---	---	14
15	---	---	0.000 B	0.001 A	0.000 E	0.000	0.000	0.000	0.000	0.000	---	---	15
16	---	---	0.000 B	0.000 A	0.000 E	0.000	0.000	0.000	0.000	0.000	---	---	16
17	---	---	0.000 B	0.000 A	0.000 E	0.000	0.000	0.000	0.000	0.000	---	---	17
18	---	---	0.000 B	0.000 A	0.000 E	0.000	0.000	0.000	0.000	0.000	---	---	18
19	---	---	0.000 B	0.000 A	0.000 E	0.000	0.000	0.000	0.000	0.000	---	---	19
20	---	---	0.000 B	0.001 A	0.000 E	0.000	0.000	0.000	0.000	0.000	---	---	20
21	---	---	0.000 B	0.000 A	0.000 E	0.000	0.000	0.000	0.000	0.000	---	---	21
22	---	0.000 B	0.000 B	0.000 A	0.000 E	0.000	0.000	0.000	0.000	0.000	---	---	22
23	---	0.000 B	0.000 B	0.000 A	0.000 E	0.000	0.000	0.000	0.000	0.000	---	---	23
24	---	0.000 B	0.000 B	0.000 A	0.000	0.000	0.000	0.000	0.000	0.000	---	---	24
25	---	0.000 B	0.000 B	0.000 A	0.000	0.000	0.000	0.000	0.000	0.000	---	---	25
26	---	0.000 B	0.000 B	0.000 A	0.000	0.000	0.000	0.000	0.000	0.000	---	---	26
27	---	0.000 B	0.000 B	0.000 A	0.000	0.000	0.000	0.000	0.000	0.000	---	---	27
28	---	0.000 B	0.002 B	0.000 A	0.000	0.000	0.000	0.000	0.000	0.000	---	---	28
29	---		0.221 B	0.000 A	0.000	0.000	0.000	0.000	0.000	0.000	---	---	29
30	---		0.390 B	0.000 A	0.000	0.000	0.000	0.000	0.000	0.000	---	---	30
31	---		0.557 B		0.000		0.000	0.000		0.000		---	31
TOTAL			1.170	25.995	0.000	0.000	0.000	0.000	0.000	0.000			TOTAL
MEAN			0.038	0.867	0.000	0.000	0.000	0.000	0.000	0.000			MEAN
DAM3			101	2250	0.000	0.000	0.000	0.000	0.000	0.000			DAM3
MAX			0.557	5.83	0.000	0.000	0.000	0.000	0.000	0.000			MAX
MIN			0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000			MIN

SUMMARY FOR THE YEAR:

Maximum daily discharge, 5.83 M3/S On 2006-04-05

Minimum daily discharge, 0.000 B M3/S On 2006-02-22

Max Inst discharge, not valid

Min Inst discharge, not valid

REMARKS, 2006 MAXIMUM AND MINIMUM INSTANTANEOUS EXTREMES WERE NOT DETERMINED

A - MANUAL GAUGE B - ICE CONDITIONS E - ESTIMATED D - DRY

HQ #15.00: 2002-01-01 00:01 to open shift corr

APPROVED BY THE FIELD REPRESENTATIVES OF CANADA AND THE UNITED STATES

WATER SURVEY OF CANADA — CYPRESS LAKE WEST OUTFLOW CANAL — STATION NO. 11AB077

2007-02-08 11:56

REGINA, SASK.

CompuMod 1.7.3

DAILY MEAN DISCHARGE IN CUBIC METRES PER SECOND FOR 2006

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.000 B	0.006 B	0.004	0.001	0.002	0.000	0.000	0.000	0.000	---	1
2	---	---	0.000 B	0.003 B	0.004	0.001	0.002	0.000	0.000	0.000	0.000	---	2
3	---	---	0.000 B	0.003 B	0.005	0.001	0.002	0.000	0.000	0.000	---	---	3
4	---	---	0.000 B	0.211 B	1.37	0.001	0.002	0.000	0.000	0.000	---	---	4
5	---	---	0.000 B	0.145	2.47	0.001	0.001	0.000	0.000	0.000	---	---	5
6	---	---	0.000 B	0.032	2.45	0.001	0.005	0.000	0.000	0.000	---	---	6
7	---	---	0.000 B	0.032	2.41	0.001	0.163	0.000	0.000	0.000	---	---	7
8	---	---	0.000 B	0.030	2.36	0.005	0.311	0.000	0.000	0.000	---	---	8
9	---	---	0.000 B	0.028	2.30	0.001	0.290	0.000	0.000	0.000	---	---	9
10	---	---	0.000 B	0.029	2.08	0.002	0.265	0.000	0.000	0.000	---	---	10
11	---	---	0.000 B	0.026	2.46	0.003	0.246	0.000	0.000	0.000	---	---	11
12	---	---	0.000 B	0.024	2.43	0.004	0.232	0.000	0.000	0.000	---	---	12
13	---	---	0.000 B	0.024	2.46	0.006	0.070	0.000	0.000	0.000	---	---	13
14	---	---	0.000 B	0.022	2.50	0.005	0.008	0.000	0.000	0.000	---	---	14
15	---	---	0.000 B	0.020	2.60	0.005	0.002	0.000	0.000	0.000	---	---	15
16	---	---	0.000 B	0.019	2.62	0.009	0.000	0.000	0.000	0.000	---	---	16
17	---	---	0.000 B	0.019	2.60	0.007	0.000	0.000	0.000	0.000	---	---	17
18	---	---	0.000 B	0.018	2.66	0.005	0.000	0.000	0.000	0.000	---	---	18
19	---	---	0.000 B	0.016	2.43	0.004	0.000	0.000	0.000	0.000	---	---	19
20	---	---	0.000 B	0.015	2.23	0.003	0.000	0.000	0.000	0.000	---	---	20
21	---	---	0.000 B	0.014	1.44	0.004	0.000	0.000	0.000	0.000	---	---	21
22	---	0.000 B	0.000 B	0.014	1.48	0.003	0.000	0.000	0.000	0.000	---	---	22
23	---	0.000 B	0.000 B	0.013	1.40	0.004	0.000	0.000	0.000	0.000	---	---	23
24	---	0.000 B	0.000 B	0.007	0.053	0.003	0.000	0.000	0.000	0.000	---	---	24
25	---	0.000 B	0.000 B	0.005	0.001	0.003	0.000	0.000	0.000	0.000	---	---	25
26	---	0.000 B	0.000 B	0.003	0.001	0.003	0.000	0.000	0.000	0.000	---	---	26
27	---	0.000 B	0.001 B	0.003	0.001	0.002	0.000	0.000	0.000	0.000	---	---	27
28	---	0.000 B	0.004 B	0.004	0.002	0.002	0.000	0.000	0.000	0.000	---	---	28
29	---		0.006 B	0.004	0.002	0.001	0.000	0.000	0.000	0.000	---	---	29
30	---		0.006 B	0.004	0.002	0.001	0.000	0.000	0.000	0.000	---	---	30
31	---		0.006 B		0.001		0.000	0.000		0.000		---	31
TOTAL			0.023	0.793	44.826	0.092	1.601	0.000	0.000	0.000			TOTAL
MEAN			0.001	0.026	1.45	0.003	0.052	0.000	0.000	0.000			MEAN
DAM3			1.99	68.5	3870	7.95	138	0.000	0.000	0.000			DAM3
MAX			0.006	0.211	2.66	0.009	0.311	0.000	0.000	0.000			MAX
MIN			0.000	0.003	0.001	0.001	0.000	0.000	0.000	0.000			MIN

SUMMARY FOR THE YEAR:

Maximum daily discharge, 2.66 M3/S On 2006-05-18

Minimum daily discharge, 0.000 B M3/S On 2006-02-22

Max Inst discharge, not valid

Min Inst discharge, not valid

REMARKS, 2006 MAXIMUM AND MINIMUM INSTANTANEOUS EXTREMES WERE NOT DETERMINED

A - MANUAL GAUGE B - ICE CONDITIONS E - ESTIMATED D - DRY

HQ #20.00: 2005-02-22 00:00 to open shift corr

APPROVED BY THE FIELD REPRESENTATIVES OF CANADA AND THE UNITED STATES

NO. 11AB085 WATER SURVEY OF CANADA CYPRESS LAKE WEST INFLOW CANAL DRAIN STATION 2007-01-23 15:11

REGINA, SASK. CompuMod 1.7.3

DAILY MEAN DISCHARGE IN CUBIC METRES PER SECOND FOR 2006

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.000 B	0.000 B	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	1
2	---	---	0.000 B	0.000 B	0.000	0.000	0.000	0.000	0.000	0.000	---	---	2
3	---	---	0.000 B	0.000 B	0.000	0.000	0.000	0.000	0.000	0.000	---	---	3
4	---	---	0.000 B	0.000 B	0.000	0.000	0.000	0.000	0.000	0.000	---	---	4
5	---	---	0.000 B	0.000 B	0.000	0.000	0.000 A	0.000	0.000	0.000	---	---	5
6	---	---	0.000 B	0.000 B	0.000	0.000	0.000	0.000	0.000	0.000	---	---	6
7	---	---	0.000 B	0.000 B	0.000	0.000	0.000	0.000	0.000	0.000	---	---	7
8	---	---	0.000 B	0.000 B	0.000	0.000	0.000	0.000	0.000	0.000	---	---	8
9	---	---	0.000 B	0.000 B	0.000	0.000	0.000	0.000	0.000	0.000	---	---	9
10	---	---	0.000 B	0.000 B	0.000	0.000	0.000	0.000	0.000	0.000	---	---	10
11	---	---	0.000 B	0.000 B	0.000	0.000	0.000	0.000	0.000	0.000	---	---	11
12	---	---	0.000 B	0.000 B	0.000	0.000	0.000	0.000	0.000	0.000	---	---	12
13	---	---	0.000 B	0.000 B	0.000	0.000	0.000	0.000	0.000	0.000	---	---	13
14	---	---	0.000 B	0.000 B	0.000	0.000	0.000	0.000	0.000	0.000	---	---	14
15	---	---	0.000 B	0.000 B	0.000	0.000	0.000	0.000	0.000	0.000	---	---	15
16	---	---	0.000 B	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	16
17	---	---	0.000 B	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	17
18	---	---	0.000 B	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	18
19	---	---	0.000 B	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	19
20	---	---	0.000 B	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	20
21	---	---	0.000 B	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	21
22	---	---	0.000 B	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	22
23	---	0.000 B	0.000 B	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	23
24	---	0.000 B	0.000 B	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	24
25	---	0.000 B	0.000 B	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	25
26	---	0.000 B	0.000 B	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	26
27	---	0.000 B	0.000 B	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	27
28	---	0.000 B	0.000 B	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	28
29	---		0.000 B	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	29
30	---		0.000 B	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	30
31	---		0.000 B		0.000		0.000	0.000		0.000		---	31
TOTAL			0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000			TOTAL
MEAN			0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000			MEAN
DAM3			0.000	0.000	0.000	0.000	0.000	0.000	0.000				

SUMMARY FOR THE YEAR:
Maximum daily discharge, not valid
Minimum daily discharge, 0.000 B M3/S On 2006-02-23
Max Inst discharge, not valid
Min Inst discharge, not valid
REMARKS, 2006 MAXIMUM AND MINIMUM EXTREMES WERE NOT DETERMINED

A - MANUAL GAUGE B - ICE CONDITIONS E - ESTIMATED
HQ #9.00: 1999-02-27 00:00 to open shift corr

APPROVED BY THE FIELD REPRESENTATIVES OF CANADA AND THE UNITED STATES

WATER SURVEY OF CANADA | VIDORA DITCH NEAR CONSUL | STATION NO. 11AB084

2006-12-28 09:10

REGINA, SASK.

CompuMod 1.7.3

DAILY MEAN DISCHARGE IN CUBIC METRES PER SECOND FOR 2006

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.000	0.000	0.000	0.001 E	0.000	0.000	0.000	0.000	0.000	---	1
2	---	---	0.000	0.000	0.007 A	0.001 E	0.000	0.000	0.000	0.000	---	---	2
3	---	---	0.000	0.000	0.000	0.001 E	0.000	0.000	0.000	0.000	---	---	3
4	---	---	0.000	0.000	0.629 A	0.000 E	0.000	0.000	0.000	0.000	---	---	4
5	---	---	0.000	0.000	1.25	0.000 E	0.000	0.000	0.000	0.000	---	---	5
6	---	---	0.000	0.000	1.26	0.000 E	0.000	0.000	0.000	0.000	---	---	6
7	---	---	0.000	0.000	1.28	0.000 E	0.001 A	0.000	0.000	0.000	---	---	7
8	---	---	0.000	0.000	1.26	0.000 A	0.005	0.000	0.000	0.000	---	---	8
9	---	---	0.000	0.000	1.26	0.000	0.002 A	0.000	0.000	0.000	---	---	9
10	---	---	0.000	0.000	1.18	0.000	0.001 E	0.000	0.000	0.000	---	---	10
11	---	---	0.000	0.000	1.40	0.000	0.000	0.000	0.000	0.000	---	---	11
12	---	---	0.000	0.000	1.31	0.000	0.000	0.000	0.000	0.000	---	---	12
13	---	---	0.000	0.000	1.26	0.000	0.000	0.000	0.000	0.000	---	---	13
14	---	---	0.000	0.000	1.23 A	0.000	0.000	0.000	0.000	0.000	---	---	14
15	---	---	0.000	0.000	1.24	0.000	0.000	0.000	0.000	0.000	---	---	15
16	---	---	0.000	0.000	1.28	0.000	0.000	0.000	0.000	0.000	---	---	16
17	---	---	0.000	0.000	1.27	0.000	0.000	0.000	0.000	0.000	---	---	17
18	---	---	0.000	0.000	1.31	0.000	0.000	0.000	0.000	0.000	---	---	18
19	---	---	0.000	0.000	1.21	0.000	0.000	0.000	0.000	0.000	---	---	19
20	---	---	0.000	0.000	1.37	0.000	0.000	0.000	0.000	0.000	---	---	20
21	---	---	0.000	0.000	1.27	0.000	0.000	0.000	0.000	0.000	---	---	21
22	---	---	0.000	0.000	1.30	0.000	0.000	0.000	0.000	0.000	---	---	22
23	---	---	0.000	0.000	1.27	0.000	0.000	0.000	0.000	0.000	---	---	23
24	---	---	0.000	0.000	0.095 A	0.000	0.000	0.000	0.000	0.000	---	---	24
25	---	---	0.000	0.000	0.003 A	0.000	0.000	0.000	0.000	0.000	---	---	25
26	---	0.000	0.000	0.000	0.003 E	0.000	0.000	0.000	0.000	0.000	---	---	26
27	---	0.000	0.000	0.000	0.003 E	0.000	0.000	0.000	0.000	0.000	---	---	27
28	---	0.000	0.000	0.000	0.002 E	0.000	0.000	0.000	0.000	0.000	---	---	28
29	---		0.000	0.000	0.002 E	0.000	0.000	0.000	0.000	0.000	---	---	29
30	---		0.000	0.000	0.002 E	0.000	0.000	0.000	0.000	0.000	---	---	30
31	---		0.000		0.002 E		0.000	0.000		0.000		---	31
TOTAL			0.000	0.000	24.958	0.003	0.009	0.000	0.000	0.000			TOTAL
MEAN			0.000	0.000	0.805	0.000	0.000	0.000	0.000	0.000			MEAN
DAM3			0.000	0.000	2160	0.259	0.778	0.000	0.000				

SUMMARY FOR THE YEAR:

Maximum daily discharge, 1.40 M3/S On 2006-05-11

Minimum daily discharge, 0.000 M3/S On 2006-02-26

Max Inst discharge, not valid

Min Inst discharge, not valid

REMARKS, 2006 MAXIMUM AND MINIMUM INSTANTANEOUS VALUES WERE NOT DETERMINED

A - MANUAL GAUGE B - ICE CONDITIONS E - ESTIMATED

HQ #14.00: 2003-03-01 00:01 to open shift corr

APPROVED BY THE FIELD REPRESENTATIVES OF CANADA AND THE UNITED STATES

WATER SURVEY OF CANADA
2007-02-08 11:54
REGINA, SASK.

RICHARDSON DITCH NEAR CONSUL

STATION NO. 11AB058

CompuMod 1.7.3

DAILY MEAN DISCHARGE IN CUBIC METRES PER SECOND FOR 2006

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	1
2	---	---	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	2
3	---	---	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	3
4	---	---	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	4
5	---	---	0.000	0.000	0.749 A	0.000	0.000	0.000	0.000	0.000	---	---	5
6	---	---	0.000	0.000	0.943	0.000	0.000	0.000	0.000	0.000	---	---	6
7	---	---	0.000	0.000	0.961	0.000	0.000	0.000	0.000	0.000	---	---	7
8	---	---	0.000	0.000	0.980	0.000	0.000	0.000	0.000	0.000	---	---	8
9	---	---	0.000	0.000	0.996	0.000	0.000	0.000	0.000	0.000	---	---	9
10	---	---	0.000	0.000	1.01	0.000	0.000	0.000	0.000	0.000	---	---	10
11	---	---	0.000	0.000	1.15	0.000	0.000	0.000	0.000	0.000	---	---	11
12	---	---	0.000	0.000	1.20	0.000	0.000	0.000	0.000	0.000	---	---	12
13	---	---	0.000	0.000	1.21	0.000	0.000	0.000	0.000	0.000	---	---	13
14	---	---	0.000	0.000	1.20	0.000	0.000	0.000	0.000	0.000	---	---	14
15	---	---	0.000	0.000	1.18	0.000	0.000	0.000	0.000	0.000	---	---	15
16	---	---	0.000	0.000	0.998	0.000	0.000	0.000	0.000	0.000	---	---	16
17	---	---	0.000	0.000	0.700	0.000	0.000	0.000	0.000	0.000	---	---	17
18	---	---	0.000	0.000	0.637	0.000	0.000	0.000	0.000	0.000	---	---	18
19	---	---	0.000	0.000	0.386	0.000	0.000	0.000	0.000	0.000	---	---	19
20	---	---	0.000	0.000	0.065	0.000	0.000	0.000	0.000	0.000	---	---	20
21	---	---	0.000	0.000	0.048	0.000	0.000	0.000	0.000	0.000	---	---	21
22	---	---	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	---	---	22
23	---	---	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	23
24	---	---	0.000	0.000	0.000 A	0.000	0.000	0.000	0.000	0.000	---	---	24
25	---	---	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	25
26	---	---	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	26
27	---	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	27
28	---	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	28
29	---		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	29
30	---		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	30
31	---		0.000		0.000		0.000	0.000		0.000		---	31
TOTAL			0.000	0.000	14.415	0.000	0.000	0.000	0.000	0.000			TOTAL
MEAN			0.000	0.000	0.465	0.000	0.000	0.000	0.000	0.000			MEAN
DAM3			0.000	0.000	1250	0.000	0.000	0.000	0.000	0.000			DAM3
MAX			0.000	0.000	1.21	0.000	0.000	0.000	0.000	0.000			MAX
MIN			0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000			MIN

SUMMARY FOR THE YEAR:
Maximum daily discharge, 1.21 M3/S On 2006-05-13
Minimum daily discharge, 0.000 M3/S On 2006-02-27
Max Inst discharge, not valid
Min Inst discharge, not valid

A - MANUAL GAUGE B - ICE CONDITIONS E - ESTIMATED D - DRY
HQ @16.00: 2001-02-28 00:10 to open shift corr

APPROVED BY THE FIELD REPRESENTATIVES OF CANADA AND THE UNITED STATES

WATER SURVEY OF CANADA — MCKINNON DITCH NEAR CONSUL — STATION NO. 11AB044

2007-02-08 11:52

REGINA, SASK.

CompuMod 1.7.3

DAILY MEAN DISCHARGE IN CUBIC METRES PER SECOND FOR 2006

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.000	0.000	0.232	0.000	0.000	0.000	0.000	0.000	---	---	1
2	---	---	0.000	0.000	0.256	0.000	0.000	0.000	0.000	0.000	---	---	2
3	---	---	0.000	0.000	0.238	0.000	0.000	0.000	0.000	0.000	---	---	3
4	---	---	0.000	0.000	0.246	0.000	0.000	0.000	0.000	0.000	---	---	4
5	---	---	0.000	0.000	0.437	0.000	0.000	0.000	0.000	0.000	---	---	5
6	---	---	0.000	0.000	0.434	0.000	0.000	0.000	0.000	0.000	---	---	6
7	---	---	0.000	0.000	0.397	0.000	0.000	0.000	0.000	0.000	---	---	7
8	---	---	0.000	0.000	0.407	0.000	0.000	0.000	0.000	0.000	---	---	8
9	---	---	0.000	0.000	0.436	0.000	0.000	0.000	0.000	0.000	---	---	9
10	---	---	0.000	0.000	0.499	0.000	0.000	0.000	0.000	0.000	---	---	10
11	---	---	0.000	0.000	0.513	0.000	0.000	0.000	0.000	0.000	---	---	11
12	---	---	0.000	0.000	0.634	0.000	0.000	0.000	0.000	0.000	---	---	12
13	---	---	0.000	0.000	0.940	0.000	0.000	0.000	0.000	0.000	---	---	13
14	---	---	0.000	0.000	0.939	0.000	0.000	0.000	0.000	0.000	---	---	14
15	---	---	0.000	0.000	0.936	0.000	0.000	0.000	0.000	0.000	---	---	15
16	---	---	0.000	0.000	0.897	0.000	0.000	0.000	0.000	0.000	---	---	16
17	---	---	0.000	0.000	1.02	0.000	0.000	0.000	0.000	0.000	---	---	17
18	---	---	0.000	0.000	1.08	0.000	0.000	0.000	0.000	0.000	---	---	18
19	---	---	0.000	0.000	1.12	0.000	0.000	0.000	0.000	0.000	---	---	19
20	---	---	0.000	0.000	1.09	0.000	0.000	0.000	0.000	0.000	---	---	20
21	---	---	0.000	0.000	0.814	0.000	0.000	0.000	0.000	0.000	---	---	21
22	---	---	0.000	0.000	0.381	0.000	0.000	0.000	0.000	0.000	---	---	22
23	---	---	0.000	0.000	0.031	0.000	0.000	0.000	0.000	0.000	---	---	23
24	---	---	0.000	0.000	0.001 A	0.000	0.000	0.000	0.000	0.000	---	---	24
25	---	---	0.000	0.000	0.000 A	0.000	0.000	0.000	0.000	0.000	---	---	25
26	---	---	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	26
27	---	0.000	0.000	0.000	0.000 A	0.000	0.000	0.000	0.000	0.000	---	---	27
28	---	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	28
29	---		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	29
30	---		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	30
31	---		0.000		0.000		0.000	0.000		0.000		---	31
TOTAL			0.000	0.000	13.978	0.000	0.000	0.000	0.000	0.000			TOTAL
MEAN			0.000	0.000	0.451	0.000	0.000	0.000	0.000	0.000			MEAN
DAM3			0.000	0.000	1210	0.000	0.000	0.000	0.000	0.000			DAM3
MAX			0.000	0.000	1.12	0.000	0.000	0.000	0.000	0.000			MAX
MIN			0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000			MIN

SUMMARY FOR THE YEAR:
Maximum daily discharge, 1.12 M3/S On 2006-05-19
Minimum daily discharge, 0.000 M3/S On 2006-02-27
Max Inst discharge, not valid
Min Inst discharge, not valid

A - MANUAL GAUGE B - ICE CONDITIONS E - ESTIMATED D - DRY
HQ #12.00: 1997-03-01 to open shift corr

APPROVED BY THE FIELD REPRESENTATIVES OF CANADA AND THE UNITED STATES

WATER SURVEY OF CANADA | NASHLYN CANAL NEAR CONSUL | STATION NO. 11AB018

2007-02-08 11:49

REGINA, SASK.

CompuMod 1.7.3

DAILY MEAN DISCHARGE IN CUBIC METRES PER SECOND FOR 2006

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.000 B	0.718	0.000	0.012	0.000	0.000	0.000	0.000	---	---	1
2	---	---	0.000 B	0.732	0.000	0.008	0.000	0.000	0.000	0.000	---	---	2
3	---	---	0.000 B	0.746	0.000	0.001	0.000	0.000	0.000	0.000	---	---	3
4	---	---	0.000 B	0.835	0.000	0.000	0.000	0.000	0.000	0.000	---	---	4
5	---	---	0.000 B	1.35	0.000	0.000	0.000	0.000	0.000	0.000	---	---	5
6	---	---	0.000 B	1.11	0.000	0.000	0.000	0.000	0.000	0.000	---	---	6
7	---	---	0.000 B	0.996	0.000	0.000	0.000	0.000	0.000	0.000	---	---	7
8	---	---	0.037 B	1.03	0.000	0.000	0.000	0.000	0.000	0.000	---	---	8
9	---	---	0.196 B	0.980	0.000	0.000	0.000	0.000	0.000	0.000	---	---	9
10	---	---	0.218 B	0.964	0.000	0.000	0.000	0.000	0.000	0.000	---	---	10
11	---	---	0.222 B	0.961	0.103	0.000	0.000	0.000	0.000	0.000	---	---	11
12	---	---	0.243 B	0.978	0.441	0.000	0.000	0.000	0.000	0.000	---	---	12
13	---	---	0.306 B	0.943	0.282	0.000	0.000	0.000	0.000	0.000	---	---	13
14	---	---	0.359 B	0.835	0.466	0.000	0.000	0.000	0.000	0.000	---	---	14
15	---	---	0.342 B	0.742	0.526	0.000	0.000	0.000	0.000	0.000	---	---	15
16	---	---	0.354 B	0.776	0.536	0.000	0.000	0.000	0.000	0.000	---	---	16
17	---	---	0.359 B	0.771	0.498	0.000	0.000	0.000	0.000	0.000	---	---	17
18	---	---	0.367 B	0.791	0.403	0.000	0.000	0.000	0.000	0.000	---	---	18
19	---	---	0.358 B	0.807	0.296	0.000	0.000	0.000	0.000	0.000	---	---	19
20	---	---	0.355 B	0.532	0.255	0.000	0.000	0.000	0.000	0.000	---	---	20
21	---	0.000 B	0.354 B	0.062	0.403	0.000	0.000	0.000	0.000	0.000	---	---	21
22	---	0.000 B	0.341 B	0.034	0.521	0.000	0.000	0.000	0.000	0.000	---	---	22
23	---	0.000 B	0.339 B	0.025	0.563	0.000	0.000	0.000	0.000	0.000	---	---	23
24	---	0.000 B	0.355 B	0.020	0.937	0.000	0.000	0.000	0.000	0.000	---	---	24
25	---	0.000 B	0.368 B	0.017	0.561	0.000	0.000	0.000	0.000	0.000	---	---	25
26	---	0.000 B	0.372 B	0.015	0.071	0.000	0.000	0.000	0.000	0.000	---	---	26
27	---	0.000 B	0.360 B	0.013	0.036	0.000	0.000	0.000	0.000	0.000	---	---	27
28	---	0.000 B	0.376	0.006	0.027	0.000	0.000	0.000	0.000	0.000	---	---	28
29	---		0.412	0.000	0.022	0.000	0.000	0.000	0.000	0.000	---	---	29
30	---		0.539	0.000	0.019	0.000	0.000	0.000	0.000	0.000	---	---	30
31	---		0.706		0.016		0.000	0.000		0.000		---	31
TOTAL			8.238	17.789	6.982	0.021	0.000	0.000	0.000	0.000			TOTAL
MEAN			0.266	0.593	0.225	0.001	0.000	0.000	0.000	0.000			MEAN
DAM3			712	1540	603	1.81	0.000	0.000	0.000	0.000			DAM3
MAX			0.706	1.35	0.937	0.012	0.000	0.000	0.000	0.000			MAX
MIN			0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000			MIN

SUMMARY FOR THE YEAR:

Maximum daily discharge, 1.35 M3/S On 2006-04-05

Minimum daily discharge, 0.000 B M3/S On 2006-02-21

Max Inst discharge, not valid

Min Inst discharge, not valid

A - MANUAL GAUGE B - ICE CONDITIONS E - ESTIMATED D - DRY

HQ #16.00: 1997-03-01 to open shift corr

APPROVED BY THE FIELD REPRESENTATIVES OF CANADA AND THE UNITED STATES

BATTLE CREEK BASIN MINOR DIVERSIONS

2006

(VOLUME IN CUBIC DECAMETERS)

Minor Diversions Associated with Nashlyn Diversion Area

File	March		April		May		June		July		August		Sept		Oct		
Number	1 - 25	26 - 9	10 - 25	26 - 9	10 - 25	26 - 9	10 - 25	26 - 9	10 - 25	26 - 9	10 - 25	26 - 9	10 - 24	25 - 9	10 - 25	26 - 31	Total
323		0.0	0.0														0.0
338																	0.0
622																	0.0
710																	0.0
900		0.0	0.0														0.0
985				0.0	0.0												0.0
1247																	0.0
1499																	0.0
2841																	0.0
2954																	0.0
3855																	0.0
3930																	0.0
3931																	0.0
4851		0.0	0.0														0.0
5293																	0.0
5442																	0.0
5512				9.0													9.0
5528		2.5	0.0														2.5
5529		1.6		0.0	0.0												1.6
5691																	0.0
5784																	0.0
5940																	0.0
6139																	0.0
6150																	0.0
6387																	0.0
6714																	0.0
6719																	0.0
6795																	0.0
7144																	0.0
8056																	0.0
8225																	0.0
8228																	0.0
8314																	0.0
8336																	0.0
8559																	0.0
8575																	0.0
8646																	0.0
8647																	0.0
8648																	0.0
8649																	0.0
8998	2.3	9.2															11.5
9344	3.0	11.8															14.8
9679																	0.0
10138																	0.0
Sub-Total	**5.3**	**25.1**	**0.0**	**9.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**39.4**
Dom. Uses	**1.6**	**7.8**	**0.0**	**2.8**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**12.2**
Sub-Total	**7**	**33**	**0**	**12**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**52**

continued ...

BATTLE CREEK BASIN MINOR DIVERSIONS (continued)

2006

(VOLUME IN CUBIC DECAMETERS)

Minor Diversions Associated with Richardson Diversion (Consul) Area

File	March		April		May		June		July		August		Sept		Oct		
Number	1 - 25	26 - 9	10 - 25	26 - 9	10 - 25	26 - 9	10 - 25	26 - 9	10 - 25	26 - 9	10 - 25	26 - 9	10 - 24	25 - 9	10 - 25	26 - 31	Total
606		0.0	8.2														8.2
765																	0.0
1753																	0.0
1754																	0.0
1786		0.0	0.0														0.0
2124				0.0	0.0												0.0
2159																	0.0
2282																	0.0
2283																	0.0
2500																	0.0
2655																	0.0
2755																	0.0
3586																	0.0
5263		0.0	0.0														0.0
5292																	0.0
5420																	0.0
5421																	0.0
5422		0.0	0.0														0.0
5453				0.0	0.0												0.0
5455																	0.0
5539																	0.0
5540																	0.0
5557																	0.0
5874																	0.0
6308																	0.0
7421																	0.0
8107																	0.0
8192																	0.0
9759																	0.0
9760																	0.0
9811																	0.0
11191		3.3															3.3
11192																	0.0
11805																	0.0
Sub-Total	**0.0**	**3.3**	**8.2**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**11.5**
Dom. Uses	0.0	1.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.6
Sub-Total	**0**	**4**	**11**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**15**

continued ...

BATTLE CREEK BASIN MINOR DIVERSIONS (continued)

2006

(VOLUME IN CUBIC DECAMETERS)

Minor Diversions Associated with Cypress Lake Area

File	March		April		May		June		July		August		Sept		Oct		
Number	1 - 25	26 - 9	10 - 25	26 - 9	10 - 25	26 - 9	10 - 25	26 - 9	10 - 25	26 - 9	10 - 25	26 - 9	10 - 24	25 - 9	10 - 25	26 - 31	Total
86 (sprinkler)		0.0	0.0		13.2	14.9											28.1
181		8.2															8.2
219																	0.0
237		12.3															12.3
358	3.1	11.3	0.0														14.4
5609			0.0	0.0	0.0												0.0
10340																	0.0
13756				13.4	50.3												63.7
14422					67.8	21.2											89.0
15610				7.4	19.7	3.7											30.8
Sub-Total	**3.1**	**31.8**	**0.0**	**20.8**	**151.0**	**39.8**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**246.5**
Dom. Uses	1.0	9.9	0.0	6.4	46.8	12.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	76.4
Sub-Total	**4**	**42**	**0**	**27**	**198**	**52**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**323**

Minor Diversions Associated with Gaff Ditch Area

52A		0.0	0.0	20.4	17.0												37.4
52B		15.5	7.8														23.3
59	41.2	151.1	30.6														222.9
71					8.2												8.2
73																	0.0
77						24.3											24.3
190		116.8	116.8		0.0	0.0											233.6
5193		8.2															8.2
5527		0.0	0.0														0.0
9321				0.0	0.0												0.0
9803						0.6	2.8										3.4
9917		4.1															4.1
14994					38.9	73.0	48.7										160.6
Shepherd Ditch		109.2	129.0	128.8	161.4	149.9	95.4	6.1	6.8	0.8							787.4
includes 86, 110																	0.0
Sub-Total	**41.2**	**404.9**	**284.2**	**149.2**	**225.5**	**247.8**	**146.9**	**6.1**	**6.8**	**0.8**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**1513.4**
Dom. Uses	12.8	125.5	88.1	46.3	69.9	76.8	45.5	1.9	2.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	469.2
Sub-Total	**54**	**530**	**372**	**195**	**295**	**325**	**192**	**8**	**9**	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**1983**

continued ...

BATTLE CREEK BASIN MINOR DIVERSIONS (continued)

2006

(VOLUME IN CUBIC DECAMETERS)

Minor Diversions Associated with Upper Battle Creek (Reesor Lake) Area

File	March		April		May		June		July		August		Sept		Oct		
Number	1 - 25	26 - 9	10 - 25	26 - 9	10 - 25	26 - 9	10 - 25	26 - 9	10 - 25	26 - 9	10 - 25	26 - 9	10 - 24	25 - 9	10 - 25	26 - 31	Total
Adams Lake		32.6	32.6														65.2
Alberta Use																	0.0
Sub-Total	**0.0**	**32.6**	**32.6**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**65.2**
Dom. Uses	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sub-Total	**0**	**33**	**33**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**65**

Total Minor Diversions from Battle Creek (Less Adams Lake)

Nashlyn Area	5.3	25.1	0.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	39.4
Consul Area	0.0	3.3	8.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.5
Cypress Lake	3.1	31.8	0.0	20.8	151.0	39.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	246.5
Gaff Ditch	41.2	404.9	284.2	149.2	225.5	247.8	146.9	6.1	6.8	0.8	0.0	0.0	0.0	0.0	0.0	0.0	1513.4
Reesor Lake	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total	**50**	**465**	**292**	**179**	**377**	**288**	**147**	**6**	**7**	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**1811**
Percent Domestic Use (From Table)																	**31%**

Total Diversions (minor & domestic) from Battle Creek including Adams lake

Nashlyn Area	6.9	32.9	0.0	11.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	51.6
Consul Area	0.0	4.3	10.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.1
Cypress Lake	4.1	41.7	0.0	27.2	197.8	52.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	322.9
Gaff Ditch	54.0	530.4	372.3	195.5	295.4	324.6	192.4	8.0	8.9	1.0	0.0	0.0	0.0	0.0	0.0	0.0	1982.6
Reesor Lake	0.0	32.6	32.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	65.2
Total	**65**	**642**	**416**	**234**	**493**	**377**	**192**	**8**	**9**	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**2437**

Water Rights Data supplied by Saskatchewan Watershed Authority and Alberta Environment.
Domestic Use estimated at 56 percent of irrigation use.
Totals of columns and rows may not add exactly due to rounding.
A 25 percent return flow factor is applied to Sheperd Ditch.
See Upper Battle Creek Depletion computations for Adams Lake figure.

WATER SURVEY OF CANADA — FRENCHMAN RIVER AT INTERNATIONAL BOUNDARY — STATION NO. 11AC041

2007-02-08 11:05

REGINA, SASK.

CompuMod 1.7.3

DAILY MEAN DISCHARGE IN CUBIC METRES PER SECOND FOR 2006

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.200 B	17.0	0.695	1.18	0.008	0.481	0.000	0.000	---	---	1
2	---	---	0.190 B	16.3	0.599	1.16	0.007	0.677	0.000	0.000	---	---	2
3	---	---	0.150 B	9.80	0.485	1.05	0.006	0.967	0.000	0.000	---	---	3
4	---	---	0.100 B	6.03	0.420	0.956	0.004	0.712	0.000	0.000	---	---	4
5	---	---	0.100 B	4.28	0.334	0.822	0.003	0.429	0.000	0.000	---	---	5
6	---	---	0.100 B	3.81	0.240	0.726	0.002	0.264	0.000	0.000	---	---	6
7	---	---	0.130 B	11.1	0.171	0.643	0.001	0.450	0.000	0.092	---	---	7
8	---	---	0.160 B	20.7	0.122	0.529	0.001	0.379	0.000	0.171	---	---	8
9	---	---	0.230 B	23.0	0.107	0.450	0.001	0.201	0.000	0.179	---	---	9
10	---	---	0.200 B	9.97	0.116	0.327	0.001	0.108	0.000	0.074	---	---	10
11	---	---	0.190 B	6.34	0.116	0.214	0.001	0.064	0.000	0.037	---	---	11
12	---	---	0.170 B	6.18	0.105	0.126	0.001	0.034	0.000	0.023	---	---	12
13	---	---	0.200 B	5.92	0.103	0.069	0.000	0.020	0.000	0.017	---	---	13
14	---	---	0.200 B	3.94	0.090	0.062	0.000	0.012	0.000	0.013	---	---	14
15	---	---	0.140 B	3.26	0.069	2.18	0.000	0.008	0.000	0.010	---	---	15
16	---	---	0.140 B	2.91	0.048	7.11	0.000	0.005	0.000	0.008	---	---	16
17	---	---	0.130 B	6.61	0.043	2.33	0.000	0.004	0.000	0.006	---	---	17
18	---	---	0.120 B	5.34	0.039	1.04	0.000	0.003	0.000	0.005	---	---	18
19	---	---	0.130 B	3.74	0.031	0.577	0.000	0.002	0.000	0.004	---	---	19
20	---	---	0.130 B	3.07	0.851	0.375	0.000	0.002	0.000	0.004	---	---	20
21	---	---	0.160 B	2.82	1.12	0.232	0.000	0.001	0.000	0.004	---	---	21
22	---	---	0.200 B	2.70	1.10	0.161	0.000	0.001	0.000	0.003	---	---	22
23	---	---	0.200 B	2.16	1.24	0.111	0.000	0.001	0.000	0.003	---	---	23
24	---	---	0.300 B	1.72	1.38	0.063	0.000	0.001	0.000	0.003	---	---	24
25	---	---	1.20 B	1.56	1.29	0.046	0.000	0.000	0.000	0.002	---	---	25
26	---	---	2.00 B	1.50	1.36	0.032	0.000	0.000	0.000	0.002	---	---	26
27	---	0.122 B	4.00 B	1.49	1.31	0.023	0.000	0.000	0.000	0.002	---	---	27
28	---	0.175 B	5.35 B	1.36	1.72	0.016	0.166	0.000	0.000	0.002	---	---	28
29	---		7.00 B	0.942	1.50	0.011	0.272	0.000	0.000	0.002	---	---	29
30	---		11.0 B	0.775	1.61	0.008	0.367	0.000	0.000	0.630	---	---	30
31	---		18.0 B		1.41		0.559	0.000		1.40 B		---	31
TOTAL			52.520	186.327	19.824	22.629	1.400	4.826	0.000	2.696			TOTAL
MEAN			1.69	6.21	0.639	0.754	0.045	0.156	0.000	0.087			MEAN
DAM3			4540	16100	1710	1960	121	417	0.000	233			DAM3
MAX			18.0	23.0	1.72	7.11	0.559	0.967	0.000	1.40			MAX
MIN			0.100	0.775	0.031	0.008	0.000	0.000	0.000	0.000			MIN

SUMMARY FOR THE YEAR:

Maximum daily discharge, 23.0 M3/S On 2006-04-09

Minimum daily discharge, 0.000 M3/S On 2006-07-13

Max Inst discharge, 25.1 M3/S @ 08:00:00 CST On 2006-04-09

Min Inst discharge, 0.000 M3/S @ 00:00:00 CST On 2006-07-13

A - MANUAL GAUGE B - ICE CONDITIONS E - ESTIMATED D - DRY

HQ #13.00: 1996-01-01 00:00 to open

APPROVED BY THE FIELD REPRESENTATIVES OF CANADA AND THE UNITED STATES

WATER SURVEY OF CANADA — BELANGER CREEK DIVERSION TO CYPRESS LAKE — STATION NO. 11AC064

2007-02-08 11:15

REGINA, SASK.

CompuMod 1.7.3

DAILY MEAN DISCHARGE IN CUBIC METRES PER SECOND FOR 2006

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.000 B	8.62	0.262	0.000	0.000	0.000	0.000	0.000	0.000	---	1
2	---	---	0.000 B	7.59	0.296	0.000	0.000	0.000	0.000	0.000	0.000	---	2
3	---	---	0.000 B	3.55	0.308	0.000	0.000	0.000	0.000	0.000	---	---	3
4	---	---	0.000 B	2.36	0.278	0.000	0.000	0.000	0.000	0.000	---	---	4
5	---	---	0.000 B	1.80	0.444	0.000	0.000	0.000	0.000	0.000	---	---	5
6	---	---	0.000 B	1.80	1.10	0.000	0.000	0.000	0.000	0.000	---	---	6
7	---	---	0.000 B	1.10	1.17	0.000	0.000	0.000	0.000	0.000	---	---	7
8	---	---	0.000 B	0.499	0.936	0.000	0.000	0.000	0.000	0.000	---	---	8
9	---	---	0.085 B	0.464	0.688	0.000	0.000	0.000	0.000	0.000	---	---	9
10	---	---	0.003 B	0.448	0.716	0.000	0.000	0.000	0.000	0.000	---	---	10
11	---	---	0.000 B	0.283	1.34	0.000	0.000	0.000	0.000	0.000	---	---	11
12	---	---	0.000 B	0.278	0.962	0.000	0.000	0.000	0.000	0.000	---	---	12
13	---	---	0.000 B	0.302	0.624	0.000	0.000	0.000	0.000	0.000	---	---	13
14	---	---	0.000 B	0.318	0.485	0.000	0.000	0.000	0.000	0.000	---	---	14
15	---	---	0.000 B	0.242	0.398	0.000	0.000	0.000	0.000	0.000	---	---	15
16	---	---	0.000 B	0.194	0.357	0.000	0.000	0.000	0.000	0.000	---	---	16
17	---	---	0.000 B	0.177	0.356	0.000	0.000	0.000	0.000	0.000	---	---	17
18	---	---	0.000 B	0.209	0.363	0.000	0.000	0.000	0.000	0.000	---	---	18
19	---	---	0.000 B	0.154	0.366	0.000	0.000	0.000	0.000	0.000	---	---	19
20	---	---	0.000 B	0.147	0.373	0.000	0.000	0.000	0.000	0.000	---	---	20
21	---	---	0.000 B	0.217	0.389	0.000	0.000	0.000	0.000	0.000	---	---	21
22	---	0.000 B	0.000 B	0.211	0.381	0.000	0.000	0.000	0.000	0.000	---	---	22
23	---	0.000 B	0.000 B	0.211	0.392	0.000	0.000	0.000	0.000	0.000	---	---	23
24	---	0.000 B	0.000 B	0.194	0.375	0.000	0.000	0.000	0.000	0.000	---	---	24
25	---	0.000 B	0.000 B	0.201	0.360	0.000	0.000	0.000	0.000	0.000	---	---	25
26	---	0.000 B	0.023 B	0.195	0.420	0.000	0.000	0.000	0.000	0.000	---	---	26
27	---	0.000 B	0.348 B	0.192	0.414	0.000	0.000	0.000	0.000	0.000	---	---	27
28	---	0.000 B	2.27 B	0.185	0.504	0.000	0.000	0.000	0.000	0.000	---	---	28
29	---		3.51 B	0.195	0.363	0.000	0.000	0.000	0.000	0.000	---	---	29
30	---		2.75 B	0.244	0.007	0.000	0.000	0.000	0.000	0.000	---	---	30
31	---		3.12 B		0.000		0.000	0.000		0.000		---	31
TOTAL			12.109	32.580	15.427	0.000	0.000	0.000	0.000	0.000			TOTAL
MEAN			0.391	1.09	0.498	0.000	0.000	0.000	0.000	0.000			MEAN
DAM3			1050	2810	1330	0.000	0.000	0.000	0.000	0.000			DAM3
MAX			3.51	8.62	1.34	0.000	0.000	0.000	0.000	0.000			MAX
MIN			0.000	0.147	0.000	0.000	0.000	0.000	0.000	0.000			MIN

SUMMARY FOR THE YEAR:

Maximum daily discharge, 8.62 M3/S On 2006-04-01

Minimum daily discharge, 0.000 B M3/S On 2006-02-22

Max Inst discharge, not valid

Min Inst discharge, not valid

A - MANUAL GAUGE B - ICE CONDITIONS E - ESTIMATED D - DRY

HQ #15.00: 1998-01-01 00:00 to open shift corr

Maximum daily discharge, 5.35 M3/S On 2005-06-08

APPROVED BY THE FIELD REPRESENTATIVES OF CANADA AND THE UNITED STATES

WATER SURVEY OF CANADA — CYPRESS LAKE — STATION NO. 11AC037

2007-01-08 14:36

REGINA, SASK.

CompuMod 1.7.3

DAILY MEAN WATER LEVEL IN METRES FOR 2006

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	970.876	970.972	971.159	970.969	970.883	970.730	970.565 E	970.496	970.473	---	1
2	---	---	970.874	971.019	971.161	970.962	970.879	970.723	970.560 E	970.510	970.474	---	2
3	---	---	970.872	971.061	971.193	970.949	970.872	970.718	970.560 E	970.502	---	---	3
4	---	---	970.873	971.095	971.204	970.948	970.866	970.719	970.555 E	970.498	---	---	4
5	---	---	970.872	971.133	971.193	970.942	970.859	970.707	970.550 E	970.494	---	---	5
6	---	---	970.872	971.173 A	971.153	970.948	970.851	970.698	970.550 E	970.493	---	---	6
7	---	---	970.871	971.193 E	971.137	970.949	970.826	970.691	970.545 E	970.505	---	---	7
8	---	---	970.871	971.203 E	971.123	970.962	970.838	970.687	970.540 E	970.484	---	---	8
9	---	---	970.876	971.208 E	971.112	970.947	970.832	970.647	970.535 E	970.476	---	---	9
10	---	---	970.878	971.213 E	971.123	970.951	970.818	970.655 A	970.530 E	970.488	---	---	10
11	---	---	970.878	971.218 E	971.114	970.951	970.830	970.649 A	970.525 E	970.496	---	---	11
12	---	---	970.878	971.218 A	971.105	970.953	970.810	970.631 A	970.520 E	970.494	---	---	12
13	---	---	970.877	971.197	971.094	970.954	970.789	970.629 A	970.518 A	970.496	---	---	13
14	---	---	970.877	971.194	971.087	970.949	970.785	970.624 A	970.508	970.499	---	---	14
15	---	---	970.876	971.210	971.075	970.902	970.785	970.629 A	970.518	970.507	---	---	15
16	---	---	970.875	971.205	971.062	970.918	970.786	970.626 A	970.503	970.511	---	---	16
17	---	---	970.875	971.212	971.048	970.927	970.780	970.619 A	970.510	970.487	---	---	17
18	---	---	970.873	971.208	971.032	970.928	970.773	970.615 A	970.508	970.482	---	---	18
19	---	---	970.875	971.204	971.020	970.928	970.774	970.611 A	970.505	970.485	---	---	19
20	---	---	970.879	971.201	971.011	970.909	970.768	970.611 A	970.503	970.490	---	---	20
21	---	---	970.878	971.200	970.993	970.922	970.769	970.607 A	970.497	970.489	---	---	21
22	---	970.868 A	970.877	971.210	970.993	970.922	970.772	970.600 A	970.503	970.486	---	---	22
23	---	970.871	970.877	971.203	970.974	970.933	970.772	970.595 E	970.492	970.488	---	---	23
24	---	970.875	970.876	971.190	970.967	970.925	970.765	970.590 E	970.490	970.486	---	---	24
25	---	970.875	970.876	971.184	970.959	970.917	970.765	970.585 E	970.481	970.490	---	---	25
26	---	970.875	970.880	971.174	970.964	970.911	970.763	970.585 E	970.486	970.459	---	---	26
27	---	970.875	970.883	971.172	970.972	970.905	970.759	970.580 E	970.491	970.484	---	---	27
28	---	970.875	970.887	971.176	970.973	970.894	970.760	970.575 E	970.488	970.467	---	---	28
29	---		970.906	971.175	970.962	970.889	970.752	970.575 E	970.485	970.496	---	---	29
30	---		970.927	971.188	970.968	970.881	970.735	970.570 E	970.478	970.476	---	---	30
31	---		970.944		970.968		970.728	970.565 E		970.475		---	31
TOTAL			30097.309	29135.209	30102.899	29127.945	30094.744	30089.646	29115.499	30085.189			TOTAL
MEAN			970.881	971.174	971.061	970.932	970.798	970.634	970.517	970.490			MEAN
MAX			970.944	971.218	971.204	970.969	970.883	970.730	970.565	970.511			MAX
MIN			970.871	970.972	970.959	970.881	970.728	970.565	970.478	970.459			MIN

A - MANUAL GAUGE B - ICE CONDITIONS E - ESTIMATED

SUMMARY FOR THE YEAR:

Maximum daily water level, 971.218 E Metres On 2006-04-11

Minimum daily water level, not valid

Max Inst water level, 971.242 Metres @ 00:30:00 CST On 2006-04-23

Min Inst water level, not valid

Water levels are referred to 035 GEODETIC SURVEY OF CANADA DATUM

REMARKS, 2006 THE MAXIMUM INSTANTANEOUS PEAK WAS THE RESULT OF WIND SET-UP

APPROVED BY THE FIELD REPRESENTATIVES OF CANADA AND THE UNITED STATES

WATER SURVEY OF CANADA — CYPRESS LAKE EAST OUTFLOW CANAL — STATION NO. 11AC060

2007-01-31 10:40

REGINA, SASK.

CompuMod 1.7.3

DAILY MEAN DISCHARGE IN CUBIC METRES PER SECOND FOR 2006

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.027 B	0.065 B	0.015	0.016	0.004	0.001	0.001	0.009	0.020 B	---	1
2	---	---	0.029 B	0.050 B	0.020	0.014	0.004	0.001	0.001	0.009	---	---	2
3	---	---	0.031 B	0.050 B	0.050	0.012	0.003	0.001	0.001	0.010	---	---	3
4	---	---	0.033 B	0.026 B	0.090	0.010	0.003	0.001	0.001	0.012	---	---	4
5	---	---	0.035 B	0.010 B	0.170	0.052	0.003	0.001	0.001	0.010	---	---	5
6	---	---	0.040 B	0.007 B	0.179	0.046	0.002	0.001	0.001	0.012	---	---	6
7	---	---	0.045 B	0.007 B	0.186	0.027	0.002	0.001	0.005	0.010	---	---	7
8	---	---	0.050 B	0.005	0.168	0.019	0.001	0.001	0.002	0.011	---	---	8
9	---	---	0.055 B	0.009	0.151	0.017	0.001	0.001	0.002	0.011	---	---	9
10	---	---	0.058 B	0.014	0.143	0.012	0.001	0.001	0.002	0.011	---	---	10
11	---	---	0.061 B	0.020	0.133	0.011	0.001	0.001	0.001	0.012	---	---	11
12	---	---	0.064 B	0.017	0.119	0.009	0.020	0.001	0.001	0.012	---	---	12
13	---	---	0.066 B	0.025	0.109	0.035	0.002	0.001	0.001	0.012	---	---	13
14	---	---	0.068 B	0.031	0.100	0.049	0.002	0.001	0.001	0.013	---	---	14
15	---	---	0.070 B	0.037	0.095	0.041	0.001	0.001	0.001	0.013	---	---	15
16	---	---	0.069 B	0.035	0.085	0.031	0.001	0.001	0.001	0.014	---	---	16
17	---	---	0.068 B	0.035	0.079	0.028	0.001	0.001	0.001	0.014	---	---	17
18	---	---	0.067 B	0.037	0.075	0.023	0.001	0.001	0.001	0.015	---	---	18
19	---	---	0.065 B	0.026	0.067	0.021	0.001	0.001	0.001	0.015	---	---	19
20	---	---	0.063 B	0.025	0.063	0.020	0.001	0.001	0.001	0.015	---	---	20
21	---	---	0.062 B	0.025	0.065	0.040	0.001	0.001	0.001	0.016	---	---	21
22	---	0.020 B	0.061 B	0.025	0.058	0.019	0.001	0.001	0.001	0.016	---	---	22
23	---	0.021 B	0.060 B	0.020	0.057	0.017	0.001	0.001	0.002	0.016	---	---	23
24	---	0.022 B	0.070 B	0.020	0.050	0.016	0.001	0.001	0.004	0.017	---	---	24
25	---	0.023 B	0.090 B	0.020	0.045	0.014	0.001	0.001	0.006	0.017	---	---	25
26	---	0.024 B	0.115 B	0.020	0.042	0.012	0.001	0.001	0.007	0.018	---	---	26
27	---	0.025 B	0.165 B	0.020	0.036	0.010	0.001	0.001	0.008	0.018	---	---	27
28	---	0.026 B	0.230 B	0.018	0.032	0.008	0.001	0.001	0.008	0.019	---	---	28
29	---		0.281 B	0.018	0.029	0.006	0.001	0.001	0.008	0.019	---	---	29
30	---		0.319 B	0.016	0.022	0.005	0.001	0.001	0.009	0.020 B	---	---	30
31	---		0.185 B		0.019		0.001	0.001		0.020 B		---	31
TOTAL			2.702	0.733	2.552	0.640	0.066	0.031	0.081	0.436			TOTAL
MEAN			0.087	0.024	0.082	0.021	0.002	0.001	0.003	0.014			MEAN
DAM3			233	63.3	220	55.3	5.70	2.68	7.00	37.7			DAM3
MAX			0.319	0.065	0.186	0.052	0.020	0.001	0.009	0.020			MAX
MIN			0.027	0.005	0.015	0.005	0.001	0.001	0.001	0.009			MIN

SUMMARY FOR THE YEAR:

Maximum daily discharge, 0.319 B M3/S On 2006-03-30

Minimum daily discharge, 0.001 M3/S On 2006-07-08

Max Inst discharge, not valid

Min Inst discharge, not valid

A - MANUAL GAUGE B - ICE CONDITIONS E - ESTIMATED D - DRY

HQ #14.00: 1998-01-01 00:00 to open shift corr

APPROVED BY THE FIELD REPRESENTATIVES OF CANADA AND THE UNITED STATES

STORAGE FACTORS AND EVAPORATION LOSSES
2006

EASTEND RESERVOIR 11AC055

PERIOD	ELEVATION AT End of Period (m)	MEAN RESERVOIR SURFACE AREA (dam^2)	EVAPORATION Pan (m)	EVAPORATION Reservoir (dam^3)	STORAGE AT Beginning of Period (dam^3)	STORAGE AT End of Period (dam^3)	CHANGE IN STORAGE (dam^3)
1	916.756	7391	0.000	0	610	622	12
2	916.765	7481	0.000	0	622	629	7
3	918.317	12023	0.000	0	629	2487	1858
4	918.436	17025	0.019	33	2487	2685	230
5	918.540	18200	0.062	113	2685	2876	304
6	917.169	13453	0.067	90	2876	989	-1797
7	916.829	9193	0.010	9	989	678	-302
8	917.630	10500	0.030	32	678	1509	863
9	917.788	12790	0.090	115	1509	1714	321
10	917.630	12790	0.111	142	1714	1509	-64
11	916.797	10420	0.084	87	1509	653	-769
12	916.855	7935	0.083	66	653	700	113
13	916.795	7927	0.077	61	700	651	13
14	916.977	8361	-0.015	-12	651	804	141
15	917.146	9572	0.014	13	804	966	175
16	917.301	10470	0.000	0	966	1131	165

EVAPORATION STATION IS VAL MARIE

WATER SURVEY OF CANADA — EASTEND CANAL NEAR EASTEND — STATION NO. 11AC052

2007-01-24 16:20

REGINA, SASK.

CompuMod 1.7.3

DAILY MEAN DISCHARGE IN CUBIC METRES PER SECOND FOR 2006

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.000	0.000	0.000	0.569	0.000	0.000	0.000	0.000	---	---	1
2	---	---	0.000	0.000	0.000	0.053	0.000	0.000	0.000	0.000	---	---	2
3	---	---	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	3
4	---	---	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	4
5	---	---	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	5
6	---	---	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	6
7	---	---	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	7
8	---	---	0.000	0.000	1.23	0.000	0.000	0.000	0.000	0.000	---	---	8
9	---	---	0.000	0.000	2.18	0.000	0.000	0.000	0.000	0.000	---	---	9
10	---	---	0.000	0.000	2.45	0.000	0.000	0.000	0.000	0.000	---	---	10
11	---	---	0.000	0.000	2.53	0.000	0.000	0.000	0.000	0.000	---	---	11
12	---	---	0.000	0.000	2.53	0.000	0.000	0.000	0.000	0.000	---	---	12
13	---	---	0.000	0.000	2.53	0.000	0.000	0.000	0.000	0.000	---	---	13
14	---	---	0.000	0.000	2.49	0.000	0.000	0.000	0.000	0.000	---	---	14
15	---	---	0.000	0.000	2.46	0.000	0.000	0.000	0.000	0.000	---	---	15
16	---	---	0.000	0.000	2.41	0.000	0.000	0.000	0.000	0.000	---	---	16
17	---	---	0.000	0.000	2.38	0.000	0.000	0.000	0.000	0.000	---	---	17
18	---	---	0.000	0.000	2.37	0.000	0.000	0.000	0.000	0.000	---	---	18
19	---	---	0.000	0.000	2.35	0.000	0.000	0.000	0.000	0.000	---	---	19
20	---	---	0.000	0.000	2.30	0.000	0.000	0.000	0.000	0.000	---	---	20
21	---	---	0.000	0.000	2.26	0.000	0.000	0.000	0.000	0.000	---	---	21
22	---	0.000	0.000	0.000	2.24	0.000	0.000	0.000	0.000	0.000	---	---	22
23	---	0.000	0.000	0.000	1.85	0.000	0.000	0.000	0.000	0.000	---	---	23
24	---	0.000	0.000	0.000	1.67	0.000	1.12	0.000	0.000	0.000	---	---	24
25	---	0.000	0.000	0.000	1.64	0.000	1.66	0.000	0.000	0.000	---	---	25
26	---	0.000	0.000	0.000	1.60	0.000	1.63	0.000	0.000	0.000	---	---	26
27	---	0.000	0.000	0.000	1.65	0.000	1.58	0.000	0.000	0.000	---	---	27
28	---	0.000	0.000	0.000	1.64	0.000	1.53	0.000	0.000	0.000	---	---	28
29	---		0.000	0.000	1.57	0.000	1.48	0.000	0.000	0.000	---	---	29
30	---		0.000	0.000	1.40	0.000	1.14	0.000	0.000	0.000	---	---	30
31	---		0.000		0.841		0.202	0.000		0.000		---	31
TOTAL			0.000	0.000	48.571	0.622	10.342	0.000	0.000	0.000			TOTAL
MEAN			0.000	0.000	1.57	0.021	0.334	0.000	0.000	0.000			MEAN
DAM3			0.000	0.000	4200	53.7	894	0.000	0.000	0.000			DAM3
MAX			0.000	0.000	2.53	0.569	1.66	0.000	0.000	0.000			MAX
MIN			0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000			MIN

SUMMARY FOR THE YEAR:
Maximum daily discharge, 2.53 M3/S On 2006-05-11
Minimum daily discharge, 0.000 M3/S On 2006-02-22
Max Inst discharge, not valid
Min Inst discharge, not valid

A - MANUAL GAUGE B - ICE CONDITIONS E - ESTIMATED D - DRY
HQ #13.00: 2003-01-01 to open shift corr

APPROVED BY THE FIELD REPRESENTATIVES OF CANADA AND THE UNITED STATES

WATER SURVEY OF CANADA

VAL MARIE EVAPORATION

STATION NO. 11EV063

2006

1st Total-Eastend Reservoir net evaporation in m
2nd Total-Huff and Newton Lakes net evaporation in m

	APRIL			MAY			JUNE			JULY			AUGUST			SEPTEMBER			OCTOBER			
	EVAP.	PREC.	NET EVAP	EVAP.	PREC.	NET EVAP	EVAP.	PREC.	NET EVAP	EVAP.	PREC.	NET EVAP	EVAP.	PREC.	NET EVAP	EVAP.	PREC.	NET EVAP	EVAP.	PREC.	NET EVAP	
1	0.0	0.0		4.8	0.4		4.8	0.0		7.6	0.0		6.8	0.0		2.4	0.0		2.4	0.0		1
2	0.0	0.0		0.0	0.0		12.0	0.0		10.2	0.0		9.6	0.0		9.6	0.0		4.0	0.0		2
3	0.0	0.0		2.4	0.3		9.6	1.4		6.8	0.0		8.4	0.0		8.8	0.0		2.4	0.0		3
4	0.0	0.0		4.8	0.0		3.4	0.8		9.2	0.0		12.0	0.0		7.2	0.0		0.0	0.0		4
5	0.0	0.0		M	0.0		7.2	T		9.2	0.0		9.6	0.0		6.2	0.0		2.4	0.0		5
6	0.0	0.0		15.0	0.0		12.8	0.0		9.6	0.0		7.2	0.0		9.6	0.0		-13.6	18.4		6
7	0.0	0.0		4.8	0.4		-2.4	6.0		12.0	0.0		10.2	0.0		4.8	0.0		2.4	1.0		7
8	0.0	0.0	0	9.6	0.0	0.06225	-22.2	24.6	0.00962	12.0	0.0	0.09016	7.2	0.0	0.08372	5.3	0.0	0.07733	2.4	0.0	0.01368	8
9	7.2	0.0		-2.4	4.8		0.0	1.0		11.2	0.0		6.4	2.4		5.3	0.0		Frozen	0.0		9
10	-7.6	8.0		2.4	0.6		M	M		13.8	0.0		7.2	0.2		4.8	0.0		Frozen	0.0		10
11	4.8	0.4		4.8	0.6		-3.8	7.0		12.0	0.0		M	0.0		4.8	0.0		Frozen	0.0		11
12	3.4	1.8	0.0024	4.8	1.0	0.04671	4.8	0.4	0.01762	9.6	0.0	0.10052	M	0.0	0.07132	7.2	0.0	0.07026	Frozen	0.0	0.00594	12
13	4.8	1.8		7.2	0.0		7.2	0.4		11.2	0.0		24.8	0.0		7.2	0.0		Frozen	0.0		13
14	7.2	0.4		5.8	0.0		-8.2	8.2		11.6	0.0		9.4	0.0		-12.0	12.6		Frozen	0.0		14
15	-2.4	0.0		7.2	0.0		9.6	1.0		M	0.0		9.6	0.6		-9.6	11.2		Closed	0.0		15
16	-9.6	13.8		7.2	0.0		2.4	1.2		24.0	0.0		2.4	1.6		-12.0	13.0		0.0	0.0		16
17	4.8	13.8		13.0	0.0		7.2	0.4		12.0	0.0		4.0	0.2		2.4	0.8		0.0	0.0		17
18	4.8	0.4		10.6	0.0		7.2	0.0		9.6	0.0		7.2	0.0		2.4	0.0		0.0	0.0		18
19	4.8	0.0		2.4	5.0		1.4	6.2		7.2	0.0		9.6	0.0		2.4	0.0		0.0	0.0		19
20	4.8	0.0		7.2	0.0		7.2	1.6		4.8	0.0		7.2	0.0		0.0	0.8		0.0	0.0		20
21	4.8	0.0		7.2	1.0		7.2	0.0		8.6	0.0		9.2	0.0		1.6	1.0		0.0	US ??		21
22	9.6	3.0		9.6	0.8		4.8	0.0		8.4	0.0		7.2	0.0		-7.4	8.2		0.0	0.0		22
23	4.8	0.0	0.01932	2.4	0.8		8.4	0.6	0.03038	7.2	0.0		8.4	0.0		2.4	0.0	-0.01463	0.0	0.0		23
24	4.8	0.0		12.0	0.0	0.0666	M	0.0		7.2	0.0	0.11088	7.8	0.0	0.08278	4.8	0.0		0.0	0.0	0	24
25	7.2	0.0		-4.8	9.8		16.0	0.0		9.6	0.0		7.2	0.0		4.8	0.0		0.0	0.0		25
26	7.2	0.0		4.8	0.6		7.2	0.0		9.6	0.0		7.2	0.0		0.0	2.2		0.0	0.0		26
27	9.6	0.0	0.03708	-6.4	7.4		8.6	0.0	0.05446	8.6	0.0		7.2	0.0		2.4	0.0	-0.02236	0.0	0.0		27
28	4.8	0.0		M	0.0	0.05216	9.6	0.0		2.4	0.0	0.0994	10.6	0.0	0.09658	4.8	0.0		0.0	0.0	0	28
29	7.2	0.0		4.8	0.0		9.6	0.6		7.2	0.0		11.0	0.0		4.8	0.0		0.0	0.0		29
30	7.2	0.0		4.8	0.4		2.4	2.2		7.2	0.0		9.6	2.4		4.8	0.0		0.0	0.0		30
31				7.2	0.0					4.0	0.0		4.8	0.0		0			0.0	0.0		31
	94.2	43.4		153.2	33.9		134	63.6		283.6	0		249	7.4		79.8	49.8		2.4	19.4		

APPROVED BY THE FIELD REPRESENTATIVES OF CANADA AND THE UNITED STATES

STORAGE FACTORS AND EVAPORATION LOSSES
2006

HUFF LAKE 11AC063

PERIOD	ELEVATION AT End of Period (m)	MEAN RESERVOIR SURFACE AREA (dam^2)	EVAPORATION Pan (m)	EVAPORATION Reservoir (dam^3)	STORAGE AT Beginning of Period (dam^3)	STORAGE AT End of Period (dam^3)	CHANGE IN STORAGE (dam^3)
1	815.288	18120	0.000	0	3024	2758	-266
2	815.943	19280	0.000	0	2758	4043	1285
3	815.826	20540	0.002	5	4043	3792	-246
4	815.825	20304	0.037	75	3792	3790	73
5	815.877	20404	0.047	95	3790	3894	199
6	814.502	17260	0.052	90	3894	1533	-2271
7	814.357	12530	0.018	22	1533	1354	-157
8	814.619	13168	0.054	72	1354	1697	414
9	814.562	13937	0.101	140	1697	1617	60
10	814.322	12662	0.099	126	1617	1309	-182
11	812.950	6681	0.071	48	1309	338	-923
12	812.854	3826	0.097	37	338	303	2
13	812.775	3582	0.070	25	303	275	-3
14	812.800	3510	-0.022	-8	275	284	1
15	812.780	3515	0.006	2	284	277	-5
16	812.822	3543	0.000	0	277	292	15

EVAPORATION STATION IS VAL MARIE
NOTE: RESERVOIR DRY AT ELEVATION OF 811.400 m

STORAGE FACTORS AND EVAPORATION LOSSES
2006

NEWTON LAKE 11AC056

PERIOD	ELEVATION AT End of Period (m)	MEAN RESERVOIR SURFACE AREA (dam^2)	EVAPORATION		STORAGE AT		CHANGE IN STORAGE (dam^3)
			Pan (m)	Reservoir (dam^3)	Beginning of Period (dam^3)	End of Period (dam^3)	
1	802.390	42752	0.000	0	7234	7824	590
2	802.546	44584	0.000	0	7824	8520	696
3	803.393	51860	0.002	12	8520	12949	4442
4	803.355	60524	0.037	224	12949	12722	-3
5	803.497	61798	0.047	289	12722	13595	1163
6	802.982	57220	0.052	298	13595	10638	-2659
7	802.854	50924	0.018	90	10638	9987	-562
8	802.811	49595	0.054	270	9987	9773	56
9	802.723	48572	0.101	488	9773	9346	62
10	801.957	42980	0.099	427	9346	6043	-2877
11	801.595	37036	0.071	264	6043	4701	-1077
12	801.504	34600	0.097	334	4701	4387	20
13	801.437	33681	0.070	237	4387	4163	12
14	801.452	33395	-0.022	-75	4163	4213	-25
15	801.438	33395	0.006	20	4213	4166	-27
16	801.263	32312	0.000	0	4166	3601	-565

EVAPORATION STATION IS VAL MARIE
NOTE: RESERVOIR DRY AT ELEVATION OF 798.500 m

WATER SURVEY OF CANADA
2007-01-15 11:15
REGINA, SASK.

HUFF LAKE GRAVITY CANAL

STATION NO. 11AC065

CompuMod 1.7.3

DAILY MEAN DISCHARGE IN CUBIC METRES PER SECOND FOR 2006

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.000	0.000	0.000	0.334	0.000	0.740	0.000	0.000	---	---	1
2	---	---	0.000	0.000	0.000	0.164	0.000	0.694	0.000	0.000	---	---	2
3	---	---	0.000	0.000	0.000	0.000	0.000	0.579	0.000	0.000	---	---	3
4	---	---	0.000	0.000	0.000	0.000	0.000	0.177	0.000	0.000	---	---	4
5	---	---	0.000	0.000	0.000	0.000	0.000	0.063	0.000	0.000	---	---	5
6	---	---	0.000	0.000	0.000	0.000	0.000	0.055	0.000	0.000	---	---	6
7	---	---	0.000	0.000	0.000	0.000	0.000	0.041 A	0.000	0.000	---	---	7
8	---	---	0.000	0.000	0.000	0.000	0.000	0.035 E	0.000	0.000	---	---	8
9	---	---	0.000	0.000	0.000	0.000	0.000	0.010 E	0.000	0.000	---	---	9
10	---	---	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	10
11	---	---	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	11
12	---	---	0.000	0.000	1.04	0.000	0.000	0.000	0.000	0.000	---	---	12
13	---	---	0.000	0.000	1.09	0.000	0.000	0.000	0.000	0.000	---	---	13
14	---	---	0.000	0.000	0.920	0.000	0.000	0.000	0.000	0.000	---	---	14
15	---	---	0.000	0.000	1.23	0.000	0.000	0.000	0.000	0.000	---	---	15
16	---	---	0.000	0.000	1.48	0.000	0.000	0.000	0.000	0.000	---	---	16
17	---	---	0.000	0.000	1.44	0.000	0.000	0.000	0.000	0.000	---	---	17
18	---	---	0.000	0.000	1.50	0.000	0.000	0.000	0.000	0.000	---	---	18
19	---	---	0.000	0.000	1.53	0.000	0.000	0.000	0.000	0.000	---	---	19
20	---	---	0.000	0.000	1.54	0.000	0.000	0.000	0.000	0.000	---	---	20
21	---	---	0.000	0.000	1.54	0.000	0.000	0.000	0.000	0.000	---	---	21
22	---	---	0.000	0.000	1.50	0.000	0.000	0.000	0.000	0.000	---	---	22
23	---	---	0.000	0.000	1.47	0.000	0.000	0.000	0.000	0.000	---	---	23
24	---	---	0.000	0.000	1.41	0.000	0.000	0.000	0.000	0.000	---	---	24
25	---	---	0.000	0.000	1.21	0.000	0.000	0.000	0.000	0.000	---	---	25
26	---	0.000	0.000	0.000	0.986	0.000	0.000	0.000	0.000	0.000	---	---	26
27	---	0.000	0.000	0.000	0.791	0.000	0.000	0.000	0.000	0.000	---	---	27
28	---	0.000	0.000	0.000	0.658	0.000	0.846	0.000	0.000	0.000	---	---	28
29	---		0.000	0.000	0.604	0.000	0.966	0.000	0.000	0.000	---	---	29
30	---		0.000	0.000	0.525	0.000	0.893	0.000	0.000	0.000	---	---	30
31	---		0.000		0.384		0.824	0.000		0.000		---	31
TOTAL			0.000	0.000	22.848	0.498	3.529	2.394	0.000	0.000			TOTAL
MEAN			0.000	0.000	0.737	0.017	0.114	0.077	0.000	0.000			MEAN
DAM3			0.000	0.000	1970	43.0	305	207	0.000	0.000			DAM3
MAX			0.000	0.000	1.54	0.334	0.966	0.740	0.000	0.000			MAX
MIN			0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000			MIN

SUMMARY FOR THE YEAR:
Maximum daily discharge, 1.54 M3/S On 2006-05-20
Minimum daily discharge, 0.000 M3/S On 2006-02-26
Max Inst discharge, not valid
Min Inst discharge, not valid

A - MANUAL GAUGE B - ICE CONDITIONS E - ESTIMATED D - DRY

APPROVED BY THE FIELD REPRESENTATIVES OF CANADA AND THE UNITED STATES

WATER SURVEY OF CANADA — HUFF LAKE PUMPING CANAL — STATION NO. 11AC066

2007-01-13 15:01

REGINA, SASK.

CompuMod 1.7.3

DAILY MEAN DISCHARGE IN CUBIC METRES PER SECOND FOR 2006

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.000	0.000	0.000	0.766	0.000	0.642	0.000	0.000	---	---	1
2	---	---	0.000	0.000	0.000	0.763	0.000	0.630	0.000	0.000	---	---	2
3	---	---	0.000	0.000	0.000	0.715	0.000	0.619	0.000	0.000	---	---	3
4	---	---	0.000	0.000	0.000	0.698	0.000	0.608	0.000	0.000	---	---	4
5	---	---	0.000	0.000	0.000	0.394	0.000	0.421	0.000	0.000	---	---	5
6	---	---	0.000	0.000	0.000	0.099	0.000	0.329	0.000	0.000	---	---	6
7	---	---	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	7
8	---	---	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	8
9	---	---	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	9
10	---	---	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	10
11	---	---	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	---	---	11
12	---	---	0.000	0.000	0.725	0.000	0.000	0.000	0.000	0.000	---	---	12
13	---	---	0.000	0.000	0.802	0.000	0.000	0.000	0.000	0.000	---	---	13
14	---	---	0.000	0.000	0.782	0.000	0.000	0.000	0.000	0.000	---	---	14
15	---	---	0.000	0.000	0.794	0.000	0.000	0.000	0.000	0.000	---	---	15
16	---	---	0.000	0.000	0.787	0.000	0.000	0.000	0.000	0.000	---	---	16
17	---	---	0.000	0.000	0.780	0.000	0.000	0.000	0.000	0.000	---	---	17
18	---	---	0.000	0.000	0.771	0.000	0.000	0.000	0.000	0.000	---	---	18
19	---	---	0.000	0.000	0.762	0.000	0.000	0.000	0.000	0.000	---	---	19
20	---	---	0.000	0.000	0.752	0.000	0.000	0.000	0.000	0.000	---	---	20
21	---	---	0.000	0.000	0.742	0.000	0.000	0.000	0.000	0.000	---	---	21
22	---	---	0.000	0.000	0.682	0.000	0.000	0.000	0.000	0.000	---	---	22
23	---	---	0.000	0.000	0.736	0.000	0.000	0.000	0.000	0.000	---	---	23
24	---	---	0.000	0.000	0.739	0.000	0.000	0.000	0.000	0.000	---	---	24
25	---	---	0.000	0.000	0.727	0.000	0.000	0.000	0.000	0.000	---	---	25
26	---	0.000	0.000	0.000	0.745	0.000	0.000	0.000	0.000	0.000	---	---	26
27	---	0.000	0.000	0.000	0.750	0.000	0.030	0.000	0.000	0.000	---	---	27
28	---	0.000	0.000	0.000	0.756	0.000	0.611	0.000	0.000	0.000	---	---	28
29	---		0.000	0.000	0.760	0.000	0.669	0.000	0.000	0.000	---	---	29
30	---		0.000	0.000	0.765	0.000	0.661	0.000	0.000	0.000	---	---	30
31	---		0.000		0.770		0.652	0.000		0.000		---	31
TOTAL			0.000	0.000	15.136	3.435	2.623	3.249	0.000	0.000			TOTAL
MEAN			0.000	0.000	0.488	0.114	0.085	0.105	0.000	0.000			MEAN
DAM3			0.000	0.000	1310	297	227	281	0.000	0.000			DAM3
MAX			0.000	0.000	0.802	0.766	0.669	0.642	0.000	0.000			MAX
MIN			0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000			MIN

SUMMARY FOR THE YEAR:

Maximum daily discharge, 0.802 M3/S On 2006-05-13

Minimum daily discharge, 0.000 M3/S On 2006-02-26

Max Inst discharge, not valid

Min Inst discharge, not valid

A - MANUAL GAUGE B - ICE CONDITIONS E - ESTIMATED D - DRY

HQ #9.00: 1994-01-01 to open

APPROVED BY THE FIELD REPRESENTATIVES OF CANADA AND THE UNITED STATES

WATER SURVEY OF CANADA NEWTON LAKE MAIN CANAL STATION NO. 11AC054
2007-01-12 11:20
REGINA, SASK. CompuMod 1.7.3

DAILY MEAN DISCHARGE IN CUBIC METRES PER SECOND FOR 2006

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.000	0.000	0.000	1.61	0.000	1.60	0.000	0.000	---	---	1
2	---	---	0.000	0.000	0.000	1.03	0.000	1.47	0.000	0.000	---	---	2
3	---	---	0.000	0.000	0.000	0.956	0.000	1.40	0.000	0.000	---	---	3
4	---	---	0.000	0.000	0.000	0.709	0.000	0.605	0.000	0.000	---	---	4
5	---	---	0.000	0.000	0.000	0.288	0.000	0.234	0.000	0.000	---	---	5
6	---	---	0.000	0.000	0.000	0.031	0.000	0.104	0.000	0.000	---	---	6
7	---	---	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	7
8	---	---	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	8
9	---	---	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	9
10	---	---	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	10
11	---	---	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	11
12	---	---	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	12
13	---	---	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	13
14	---	---	0.000	0.000	0.082	0.000	0.000	0.000	0.000	0.000	---	---	14
15	---	---	0.000	0.000	2.77	0.000	0.000	0.000	0.000	0.000	---	---	15
16	---	---	0.000	0.000	2.86	0.000	0.065	0.000	0.000	0.000	---	---	16
17	---	---	0.000	0.000	2.77	0.000	2.34	0.000	0.000	0.000	---	---	17
18	---	---	0.000	0.000	2.98	0.000	2.69	0.000	0.000	0.000	---	---	18
19	---	---	0.000	0.000	3.01	0.000	2.63	0.000	0.000	0.000	---	---	19
20	---	---	0.000	0.000	3.14	0.000	2.41	0.000	0.000	0.000	---	---	20
21	---	---	0.000	0.000	3.08	0.000	2.08	0.000	0.000	0.000	---	---	21
22	---	---	0.000	0.000	3.01	0.000	2.15	0.000	0.000	0.000	---	---	22
23	---	---	0.000	0.000	2.99	0.000	2.02	0.000	0.000	0.000	---	---	23
24	---	---	0.000	0.000	2.77	0.000	2.12	0.000	0.000	0.000	---	---	24
25	---	---	0.000	0.000	2.87	0.000	2.30	0.000	0.000	0.000	---	---	25
26	---	---	0.000	0.000	2.81	0.000	2.40	0.000	0.000	0.000	---	---	26
27	---	0.000	0.000	0.000	2.83	0.000	2.40	0.000	0.000	0.000	---	---	27
28	---	0.000	0.000	0.000	2.67	0.000	2.53	0.000	0.000	0.000	---	---	28
29	---		0.000	0.000	2.55	0.000	2.69	0.000	0.000	0.000	---	---	29
30	---		0.000	0.000	2.48	0.000	2.69	0.000	0.000	0.000	---	---	30
31	---		0.000		2.20		2.02	0.000		0.000		---	31
TOTAL			0.000	0.000	47.872	4.624	35.535	5.413	0.000	0.000			TOTAL
MEAN			0.000	0.000	1.54	0.154	1.15	0.175	0.000	0.000			MEAN
DAM3			0.000	0.000	4140	400	3070	468	0.000	0.000			DAM3
MAX			0.000	0.000	3.14	1.61	2.69	1.60	0.000	0.000			MAX
MIN			0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000			MIN

SUMMARY FOR THE YEAR:
Maximum daily discharge, 3.14 M3/S On 2006-05-20
Minimum daily discharge, 0.000 M3/S On 2006-02-27
Max Inst discharge, not valid
Min Inst discharge, not valid

A - MANUAL GAUGE B - ICE CONDITIONS E - ESTIMATED D - DRY

APPROVED BY THE FIELD REPRESENTATIVES OF CANADA AND THE UNITED STATES

FRENCHMAN RIVER BASIN MINOR DIVERSIONS
2006
(VOLUME IN CUBIC DECAMETERS)

file	March		April		May		June		July		August		
number	1-15	16-31	1-15	16-30	1-15	16-31	1-15	16-30	1-15	16-31	1-15	16-31	Total
Minor Diversions Associated with Cypress Area													
65						26.3	49.3	49.3	29.6				154.5
70 A				7.2	9.3								16.5
70 B													
80			28.8										28.8
93			17.3	11.5									28.8
121				5.9	4.4								10.3
122				7.0	5.3								12.3
123				5.9	4.4								10.3
124			24.7	41.1									65.8
129				9.0	11.6								20.6
334			36.8	10.5									47.3
335													
369			12.3	8.2									20.5
379			2.1	2.1									4.2
411			8.2	24.7									32.9
989			2.1										2.1
1014			8.2										8.2
1589													
2235				6.6									6.6
2236				4.9									4.9
2851				8.2									8.2
2887													
3635			0.8										0.8
3964			6.6										6.6
5525													
5729			10.9	18.2									29.1
6339													
7331													
8201			9.5										9.5
9138													
9139													
9140			6.7	4.4									11.1
9254													
9450													
9951			3.3										3.3
10156			1.6										1.6
10411			14.8										14.8
10804			4.1										4.1
10805			0.4										0.4
10836													
10864													
11974			37.1	15.9									53.0
11975			7.4	22.1									29.5
12232			1.1	8.1	1.1								10.3
14420													
15596													
15760			1.6										1.6
Sub-Total	**0.0**	**0.0**	**246.4**	**221.5**	**36.1**	**26.3**	**49.3**	**49.3**	**29.6**	**0.0**	**0.0**	**0.0**	**659**
+45% for domestic uses													
			110.9	99.7	16.2	11.8	22.2	22.2	13.3				296
Total	**0**	**0**	**357**	**321**	**52**	**38**	**72**	**72**	**43**	**0**	**0**	**0**	**955**

FRENCHMAN RIVER BASIN MINOR DIVERSIONS (continued)
2006
(VOLUME IN CUBIC DECAMETERS)

file number	March 1-15	March 16-31	April 1-15	April 16-30	May 1-15	May 16-31	June 1-15	June 16-30	July 1-15	July 16-31	August 1-15	August 16-31	Total
Minor Diversions Associated with Eastend Area													
55								24.3	12.1				36.4
60													
74													
118					15.4					7.7			23.1
154			49.3	24.7									74.0
461				6.5	30.5								37.0
1289			12.3										12.3
2305			6.6										6.6
4579													
4665		2.1	10.3										12.4
4848				11.1									11.1
4912					4.1								4.1
5235			42.8										42.8
5250					40.2								40.2
5278			1.6										1.6
5298		14.8											14.8
5493													
6064			9.9										9.9
6432					2.0	7.9							9.9
7312													
7682													
8131													
8632													
8756													
8901			1.6										1.6
9137													
9490			8.2										8.2
9552			24.7										24.7
9592													
9691					4.1	4.1							8.2
9957													
10425			4.1										4.1
11409													
11455													
11864													
12082													
12207													
12213					4.1								4.1
12400					8.2	8.2							16.4
12591													
13524													
15341					13.6								13.6
15342					11.8	11.8							23.6
15343					55.7								55.7
15453													
15535													
15604					5.5								5.5
16625				17.3									17.3
16447	0												
16666													
16667					4.9								4.9
Sub-Total	**0.0**	**16.9**	**171.4**	**59.6**	**200.1**	**32.0**	**0.0**	**24.3**	**12.1**	**7.7**	**0.0**	**0.0**	**524**
+45% for domestic uses		7.6	77.1	26.8	90.0	14.4		10.9	5.4	3.5			236
Total	**0**	**25**	**249**	**86**	**290**	**46**	**0**	**35**	**18**	**11**	**0**	**0**	**760**

.continued . . .

FRENCHMAN RIVER BASIN MINOR DIVERSIONS (continued)
2006
(VOLUME IN CUBIC DECAMETERS)

file number	March 1-15	March 16-31	April 1-15	April 16-30	May 1-15	May 16-31	June 1-15	June 16-30	July 1-15	July 16-31	August 1-15	August 16-31	Total
Minor Diversions Associated with Val Marie Area													
479													
507													
657													
992													
1603													
2025													
3929		4.1	4.1										8.2
4865													
5002		4.1	4.1										8.2
5084													
5085													
5086													
5871		4.1	12.3										16.4
7332													
7645													
7754		45.6	15.2										60.8
7778													
7935													
8322		7.4	2.5										9.9
8345													
9481		7.3	7.3										14.6
9571													
9596		5.8											5.8
10035													
10064													
10962													
11617													
11618													
15061				56.7									56.7
15388													
15399													
15400			83.3										83.3
15408													
15413					10.1								10.1
15450		18.1											18.1
15487													
15639			34.4										34.4
15706													
15714													
16545		1.6	6.6										8.2
V.M. Demo													
V.M. Pump 1					55.0	208.0							263.0
V.M. Pump 2					3.0	36.0							39.0
Sub-Total	**0.0**	**98.1**	**169.8**	**56.7**	**68.1**	**244.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**637**
+45% for domestic uses													
		44.1	76.4	25.5	30.6	109.8							287
Total	**0**	**142**	**246**	**82**	**99**	**354**	**0**	**0**	**0**	**0**	**0**	**0**	**923**

continued ...

FRENCHMAN RIVER BASIN MINOR DIVERSIONS (continued)
2006
(VOLUME IN CUBIC DECAMETERS)

file number	March 1-15	March 16-31	April 1-15	April 16-30	May 1-15	May 16-31	June 1-15	June 16-30	July 1-15	July 16-31	August 1-15	August 16-31	Total
Minor Diversions Associated with International Boundary Area													
3694													
4992													
8855													
8856													
11447													
11448													
11449													
11450													
11451													
11452													
12253													
12545			8.2										8.2
12546			7.4										7.4
12547			12.3										12.3
12591			10.7										10.7
12599			8.2										8.2
12600			16.4										16.4
Sub-Total	**0.0**	**0.0**	**63.2**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	63.2
+45% for domestic uses													
			28.4										28.4
Total	**0**	**0**	**92**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**92**
Minor Diversions Associated with Cypress Area													
	0	**0**	**357**	**321**	**52**	**38**	**72**	**72**	**43**	**0**	**0**	**0**	**955**
Minor Diversions Associated with Eastend Area													
	0	**25**	**249**	**86**	**290**	**46**	**0**	**35**	**18**	**11**	**0**	**0**	**760**
Minor Diversions Associated with Val Marie Area													
	0	**142**	**246**	**82**	**99**	**354**	**0**	**0**	**0**	**0**	**0**	**0**	**923**
Minor Diversions Associated with International Boundary Area													
	0	**0**	**92**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**92**
Total	**0**	**167**	**944**	**489**	**441**	**438**	**72**	**107**	**61**	**11**	**0**	**0**	**2730**

Water Rights Data supplied by Saskatchewan Water Authority.
There was no usage reported for periods 13 to 16.
*A 25 percent return flow factor is applied to Val Marie Pump 1 and 2 figures.

In 2005, the following licences in the Frenchman River basin were determined to be either abandoned, never active, located in Grasslands National Park, or located on non-contributing or back flood operation areas: 690, 943, 1691, 1992, 2154, 3057, 3284, 8696, 9076, 9219, 10659, 10853, 11142, 11237, 11372, 11431, 11608, 11835, 12647, 15402, 15406, 15416, and 15587.

TABLE 16

MONTH-END CONTENTS OF MAJOR RESERVOIRS IN LODGE CREEK, BATTLE CREEK, AND FRENCHMAN RIVER BASINS FOR 2006

(QUANTITIES IN CUBIC DECAMETRES)

	Altawan Reservoir	Cypress Lake	Eastend Reservoir	Huff Lake	Newton Lake	(a) Combined Usable Storage	% of Live Storage (a/b*100)
FEBRUARY	3,944	20,645*	619	2,942	7,373	14,853	12
MARCH	6,747	21,996*	955	3,692	10,875	22,244	18
APRIL	6,776	25,659*	2,806	3,814	12,847	26,218	21
MAY	5,704	22,329*	444	1,318	10,131	17,572	14
JUNE	3,549	20,803*	1,655	1,705	9,694	16,578	13
JULY	2,704	18,269*	670	914	5,323	9,586	8
AUGUST	2,249	15,385*	692	297	4,350	7,563	6
SEPTEMBER	2,150	13,863*	895	281	4,206	7,507	6
OCTOBER	2,083	13,879*	1,066	295	3,458	6,877	6
Full Supply Level	6,710	128,100	2,090	3,700	12,270		
Dead Storage	0	30,031	0	25	0		

Total storage at FSL = 152 870

Total dead storage = 30 056

Total available live storage (b) = 152 870 - 30 056 = 122 814

* Reservoir contents below dead storage are excluded from the combined usable storage figures.

WATER SURVEY OF CANADA
2007-01-30 11:59
REGINA, SASK.

LYONS CREEK AT INTERNATIONAL BOUNDARY

STATION NO. 11AB075

CompuMod 1.7.3

DAILY MEAN DISCHARGE IN CUBIC METRES PER SECOND FOR 2006

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.000 B	0.104	0.000 E	0.000 E	0.000 E	0.000 E	0.000 E	0.000 E	0.000 E	---	1
2	---	---	0.000 B	0.080	0.000 E	0.000 E	0.000 E	0.000 E	0.000 E	0.000 E	0.000 E	---	2
3	---	---	0.000 B	0.076	0.000 E	0.000 E	0.000 E	0.000 E	0.000 E	0.000 E	0.000 E	---	3
4	---	---	0.000 B	0.052	0.000 E	0.000 E	0.000 E	0.000 E	0.000 E	0.000 E	---	---	4
5	---	---	0.000 B	0.033	0.000 E	0.000 E	0.000 E	0.000 E	0.000 E	0.000 E	---	---	5
6	---	---	0.000 B	0.414	0.000 E	0.000 E	0.000 E	0.000 E	0.000 E	0.000 E	---	---	6
7	---	---	0.000 B	0.592	0.000 E	0.000 E	0.000 E	0.000 E	0.000 E	0.000 E	---	---	7
8	---	---	0.000 B	0.102	0.000 E	0.000 E	0.000 E	0.000 E	0.000 E	0.000 E	---	---	8
9	---	---	0.000 B	0.034	0.000 E	0.000 E	0.000 E	0.000 E	0.000 E	0.000 E	---	---	9
10	---	---	0.000 B	0.016	0.000 E	0.000 E	0.000 E	0.000 E	0.000 E	0.000 E	---	---	10
11	---	---	0.000 B	0.009	0.000 E	0.000 E	0.000 E	0.000 E	0.000 E	0.000 E	---	---	11
12	---	---	0.000 B	0.005 E	0.000 E	0.000 E	0.000 E	0.000 E	0.000 E	0.000 E	---	---	12
13	---	---	0.000 B	0.003 E	0.000 E	0.000 E	0.000 E	0.000 E	0.000 E	0.000 E	---	---	13
14	---	---	0.000 B	0.002 E	0.000 E	0.000 E	0.000 E	0.000 E	0.000 E	0.000 E	---	---	14
15	---	---	0.000 B	0.002 E	0.000 E	0.000 E	0.000 E	0.000 E	0.000 E	0.000 E	---	---	15
16	---	---	0.000 B	0.001 E	0.000 E	0.000 E	0.000 E	0.000 E	0.000 E	0.000 E	---	---	16
17	---	---	0.000 B	0.001 E	0.000 E	0.000 E	0.000 E	0.000 E	0.000 E	0.000 E	---	---	17
18	---	---	0.000 B	0.000 E	0.000 E	0.000 E	0.000 E	0.000 E	0.000 E	0.000 E	---	---	18
19	---	---	0.000 B	0.000 E	0.000 E	0.000 E	0.000 E	0.000 E	0.000 E	0.000 E	---	---	19
20	---	---	0.000 B	0.000 E	0.000 E	0.000 E	0.000 E	0.000 E	0.000 E	0.000 E	---	---	20
21	---	---	0.000 B	0.000 E	0.000 E	0.000 E	0.000 E	0.000 E	0.000 E	0.000 E	---	---	21
22	---	---	0.000 B	0.000 E	0.000 E	0.000 E	0.000 E	0.000 E	0.000 E	0.000 E	---	---	22
23	---	0.000 B	0.000 B	0.000 E	0.000 E	0.000 E	0.000 E	0.000 E	0.000 E	0.000 E	---	---	23
24	---	0.000 B	0.735	0.000 E	0.000 E	0.000 E	0.000 E	0.000 E	0.000 E	0.000 E	---	---	24
25	---	0.000 B	0.644	0.000 E	0.000 E	0.000 E	0.000 E	0.000 E	0.000 E	0.000 E	---	---	25
26	---	0.000 B	0.476	0.000 E	0.000 E	0.000 E	0.000 E	0.000 E	0.000 E	0.000 E	---	---	26
27	---	0.000 B	0.616	0.000 E	0.000 E	0.000 E	0.000 E	0.000 E	0.000 E	0.000 E	---	---	27
28	---	0.000 B	0.393	0.000 E	0.000 E	0.000 E	0.000 E	0.000 E	0.000 E	0.000 E	---	---	28
29	---		0.137	0.000 E	0.000 E	0.000 E	0.000 E	0.000 E	0.000 E	0.000 E	---	---	29
30	---		0.140	0.000 E	0.000 E	0.000 E	0.000 E	0.000 E	0.000 E	0.000 E	---	---	30
31	---		0.146 A		0.000 E		0.000 E	0.000 E		0.000 E		---	31
TOTAL			3.287	1.526	0.000	0.000	0.000	0.000	0.000	0.000			TOTAL
MEAN			0.106	0.051	0.000	0.000	0.000	0.000	0.000	0.000			MEAN
DAM3			284	132	0.000	0.000	0.000	0.000	0.000	0.000			DAM3

SUMMARY FOR THE YEAR:

A - MANUAL GAUGE B - ICE CONDITIONS E - ESTIMATED

Maximum daily discharge, 0.735 M3/S On 2006-03-24
Minimum daily discharge, 0.000 B M3/S On 2006-02-23
Max Inst discharge, 2.32 M3/S @ 20:48:00 CST On 2006-03-24
Min Inst discharge, 0.000 B M3/S @ 00:00:00 CST On 2006-02-23

HQ #10.00: 1986-03-01 to open shift corr

APPROVED BY THE FIELD REPRESENTATIVES OF CANADA AND THE UNITED STATES

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