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 2005

Submitted By

William J. Carswell, Jr.

Representing the United States

And

Timothy Goos

Representing Canada

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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 Montana District of the United States Geological Survey. In addition to the authors, who had primary responsibility for assuring that the data contained herein are accurate and complete, the following individuals contributed significantly to the collection, compilation, verification, and tabulation of the data:

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APPENDIX A

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Table 6 NATURAL FLOW AND WATER DIVISION OF ST. MARY RIVER AT INTERNATIONAL BOUNDARY
MARCH 2005
(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	AT INTERNATIONAL BOUNDARY	SHARES OF NATURAL FLOW UNITED STATES	CANADA	FLOW IN EXCESS OR DEFICIT (-) OF CANADIAN SHARE
1	122	0	122	374	496	248	248	126
2	37	0	37	360	397	199	198	162
3	86	0	86	347	433	216	217	130
4	142	0	142	340	482	241	241	99
5	69	0	69	343	412	206	206	137
6	159	0	159	347	506	253	253	94
7	51	0	51	325	376	188	188	137
8	159	0	159	328	487	244	243	85
9	105	0	105	343	448	224	224	119
10	105	0	105	340	445	222	223	117
11	142	0	142	340	482	241	241	99
12	88	0	88	362	450	225	225	137
13	213	0	213	369	582	291	291	78
14	176	0	176	384	560	280	280	104
15	142	0	142	394	536	268	268	126
S.TOTAL	1 796	0	1 796	5 296	7 092	3 546	3 546	1 750
MEAN	120	0.0	120	353	473	236	236	117
16	125	0	125	399	524	262	262	137
17	142	0	142	389	531	266	265	124
18	159	0	159	389	548	274	274	115
19	161	0	161	391	552	276	276	115
20	142	0	142	391	533	266	267	124
21	71	0	71	391	462	231	231	160
22	161	0	161	391	552	276	276	115
23	125	0	125	391	516	258	258	133
24	125	0	125	391	516	258	258	133
25	142	0	142	391	533	267	266	125
26	-142	0	-142	409	267	133	134	275
27	-411	27	-384	484	100	50	50	434
28	-391	181	-210	416	206	103	103	313
29	-142	0	-142	565	423	212	211	354
30	17	0	17	565	582	291	291	274
31	-71	186	115	504	619	309	310	194
S.TOTAL	213	394	607	6 857	7 464	3 732	3 732	3 125
MEAN	13.3	24.6	37.9	429	467	233	233	195
TOTAL	2 009	394	2 403	12 153	14 556	7 278	7 278	4 875
MEAN	64.8	12.7	77.5	392	470	235	235	157

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 2005
(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	ST.MARY RIVER 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	-531	475	-56	494	438	110	328	166
2	-636	839	203	316	519	130	389	-73
3	-807	925	118	355	473	118	355	0
4	-851	1 010	159	333	492	123	369	-36
5	-932	1 054	122	406	528	132	396	10
6	-1 010	1 133	123	401	524	131	393	8
7	-1 187	1 133	-54	448	394	98	296	152
8	-1 020	1 157	137	497	634	158	476	21
9	-944	1 270	326	367	693	173	520	-153
10	-915	1 287	372	374	746	186	560	-186
11	-922	1 287	365	391	756	189	567	-176
12	-920	1 297	377	396	773	193	580	-184
13	-981	1 321	340	394	734	184	550	-156
14	-798	1 331	533	492	1 025	256	769	-277
15	-744	1 331	587	504	1 091	273	818	-314
S.TOTAL	-13 198	16 850	3 652	6 168	9 820	2 454	7 366	-1 198
MEAN	-880	1 123	243	411	655	164	491	-79.9
16	-888	1 338	450	502	952	238	714	-212
17	-1 013	1 331	318	541	859	215	644	-103
18	-888	1 331	443	524	967	242	725	-201
19	-837	1 331	494	538	1 032	258	774	-236
20	-861	1 331	470	543	1 013	253	760	-217
21	-842	1 331	489	533	1 022	256	766	-233
22	-864	1 331	467	521	988	247	741	-220
23	-815	1 331	516	516	1 032	258	774	-258
24	-756	1 331	575	528	1 103	276	827	-299
25	-692	1 331	639	585	1 224	306	918	-333
26	-536	1 331	795	665	1 460	365	1 095	-430
27	-421	1 348	927	864	1 791	488	1 303	-439
28	-421	1 348	927	1 101	2 028	607	1 421	-320
29	-558	1 375	817	1 289	2 106	646	1 460	-171
30	-749	1 426	677	1 260	1 937	561	1 376	-116
S.TOTAL	-11 141	20 145	9 004	10 510	19 514	5 216	14 298	-3 788
MEAN	-743	1 343	600	701	1 301	348	953	-253
TOTAL	-24 339	36 995	12 656	16 678	29 334	7 670	21 664	-4 986
MEAN	-811	1 233	422	556	978	256	722	-166

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 2005
(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	ST.MARY RIVER 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	-783	1 426	643	1 309	1 952	569	1 383	-74
2	-834	1 426	592	1 267	1 859	522	1 337	-70
3	-761	1 426	665	1 133	1 798	492	1 306	-173
4	-658	1 417	759	1 020	1 779	482	1 297	-277
5	-751	1 434	683	917	1 600	400	1 200	-283
6	-612	1 478	866	832	1 698	442	1 256	-424
7	-448	1 502	1 054	915	1 969	577	1 392	-477
8	-225	1 522	1 297	1 240	2 537	861	1 676	-436
9	-66	1 529	1 463	1 671	3 134	1 160	1 974	-303
10	-39	1 539	1 500	2 102	3 602	1 394	2 208	-106
11	132	1 539	1 671	1 987	3 658	1 422	2 236	-249
12	237	1 529	1 766	1 664	3 430	1 308	2 122	-458
13	384	1 529	1 913	1 607	3 520	1 353	2 167	-560
14	438	1 529	1 967	1 700	3 667	1 426	2 241	-541
15	492	1 539	2 031	2 099	4 130	1 658	2 472	-373
S.TOTAL	-3 494	22 364	18 870	21 463	40 333	14 066	26 267	-4 804
MEAN	-233	1 491	1 258	1 431	2 689	938	1 751	-320
16	805	1 546	2 351	2 376	4 727	1 956	2 771	-395
17	1 316	1 546	2 862	3 229	6 091	2 638	3 453	-224
18	1 774	1 556	3 330	3 988	7 318	3 252	4 066	-78
19	1 495	1 590	3 085	4 086	7 171	3 178	3 993	93
20	1 424	1 573	2 997	3 743	6 740	2 963	3 777	-34
21	954	1 522	2 476	3 425	5 901	2 543	3 358	67
22	629	1 512	2 141	3 181	5 322	2 254	3 068	113
23	634	1 502	2 136	2 838	4 974	2 080	2 894	-56
24	144	1 495	1 639	2 544	4 183	1 684	2 499	45
25	15	1 485	1 500	2 429	3 929	1 557	2 372	57
26	-88	1 478	1 390	2 219	3 609	1 397	2 212	7
27	-71	1 478	1 407	2 092	3 499	1 342	2 157	-65
28	-44	1 485	1 441	2 014	3 455	1 320	2 135	-121
29	59	1 495	1 554	2 070	3 624	1 405	2 219	-149
30	130	1 495	1 625	2 158	3 783	1 484	2 299	-141
31	230	1 495	1 725	2 248	3 973	1 579	2 394	-146
S.TOTAL	9 406	24 253	33 659	44 640	78 299	32 632	45 667	-1 027
MEAN	588	1 516	2 104	2 790	4 894	2 040	2 854	-64.2
TOTAL	5 912	46 617	52 529	66 103	118 632	46 698	71 934	-5 831
MEAN	191	1 504	1 694	2 132	3 827	1 506	2 320	-188

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 2005

(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	AT INTERNATIONAL BOUNDARY	SHARES OF NATURAL FLOW UNITED STATES	CANADA	FLOW IN EXCESS OR DEFICIT (-) OF CANADIAN SHARE
1	144	1 512	1 656	2 471	4 127	1 656	2 471	0
2	117	1 468	1 585	3 719	5 304	2 245	3 059	660
3	785	1 338	2 123	8 074	10 197	4 691	5 506	2 568
4	2 576	1 321	3 897	7 829	11 726	5 456	6 270	1 559
5	2 730	1 314	4 044	6 924	10 968	5 077	5 891	1 033
6	2 366	1 331	3 697	7 046	10 743	4 964	5 779	1 267
7	2 053	1 355	3 408	8 196	11 604	5 395	6 209	1 987
8	1 955	1 331	3 286	7 780	11 066	5 126	5 940	1 840
9	1 461	1 304	2 765	6 532	9 297	4 241	5 056	1 476
10	1 206	1 287	2 493	5 627	8 120	3 653	4 467	1 160
11	1 079	1 280	2 359	4 942	7 301	3 243	4 058	884
12	1 052	1 280	2 332	4 673	7 005	3 095	3 910	763
13	1 204	1 270	2 474	4 477	6 951	3 068	3 883	594
14	984	1 314	2 298	3 915	6 213	2 699	3 514	401
15	935	1 451	2 386	3 352	5 738	2 462	3 276	76
S.TOTAL	20 647	20 156	40 803	85 557	126 360	57 071	69 289	16 268
MEAN	1 376	1 344	2 720	5 704	8 424	3 805	4 619	1 085
16	834	1 478	2 312	2 985	5 297	2 241	3 056	-71
17	746	1 512	2 258	2 985	5 243	2 214	3 029	-44
18	949	1 522	2 471	3 205	5 676	2 431	3 245	-40
19	993	1 522	2 515	3 132	5 647	2 416	3 231	-99
20	964	1 512	2 476	3 034	5 510	2 348	3 162	-128
21	854	1 495	2 349	2 960	5 309	2 247	3 062	-102
22	881	1 495	2 376	2 936	5 312	2 249	3 063	-127
23	807	1 495	2 302	3 058	5 360	2 273	3 087	-29
24	1 059	1 502	2 561	3 181	5 742	2 464	3 278	-97
25	856	1 522	2 378	3 107	5 485	2 335	3 150	-43
26	612	1 495	2 107	2 911	5 018	2 102	2 916	-5
27	421	1 495	1 916	2 765	4 681	1 933	2 748	17
28	404	1 495	1 899	2 887	4 786	1 986	2 800	87
29	230	1 495	1 725	2 862	4 587	1 886	2 701	161
30	272	1 495	1 767	2 862	4 629	1 907	2 722	140
S.TOTAL	10 882	22 530	33 412	44 870	78 282	33 032	45 250	-380
MEAN	725	1 502	2 227	2 991	5 219	2 202	3 017	-25.3
TOTAL	31 529	42 686	74 215	130 427	204 642	90 103	114 539	15 888
MEAN	1 051	1 423	2 474	4 348	6 821	3 003	3 818	530

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Table 6 (Continued) NATURAL FLOW AND WATER DIVISION OF ST. MARY RIVER AT INTERNATIONAL BOUNDARY
JULY 2005
(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	AT INTERNATIONAL BOUNDARY	SHARES OF NATURAL FLOW UNITED STATES	CANADA	FLOW IN EXCESS OR DEFICIT (-) OF CANADIAN SHARE
1	269	1 502	1 771	2 740	4 511	1 848	2 663	77
2	213	1 502	1 715	2 691	4 406	1 796	2 610	81
3	193	1 502	1 695	2 667	4 362	1 774	2 588	79
4	39	1 495	1 534	2 471	4 005	1 595	2 410	61
5	95	1 495	1 590	2 310	3 900	1 543	2 357	-47
6	-76	1 485	1 409	2 168	3 577	1 381	2 196	-28
7	37	1 443	1 480	2 080	3 560	1 373	2 187	-107
8	-135	1 314	1 179	2 192	3 371	1 278	2 093	99
9	0	1 201	1 201	2 221	3 422	1 304	2 118	103
10	0	1 201	1 201	2 170	3 371	1 278	2 093	77
11	-56	1 191	1 135	2 089	3 224	1 205	2 019	70
12	0	1 191	1 191	1 974	3 165	1 175	1 990	-16
13	-117	1 201	1 084	1 808	2 892	1 039	1 853	-45
14	-406	1 321	915	1 661	2 576	881	1 695	-34
15	-538	1 338	800	1 774	2 574	880	1 694	80
S.TOTAL	-482	20 382	19 900	33 016	52 916	20 350	32 566	450
MEAN	-32.1	1 359	1 327	2 201	3 528	1 357	2 171	30.0
16	-634	1 338	704	1 810	2 514	850	1 664	146
17	-631	1 338	707	1 850	2 557	871	1 686	164
18	-609	1 365	756	1 779	2 535	860	1 675	104
19	-685	1 461	776	1 593	2 369	777	1 592	1
20	-812	1 512	700	1 488	2 188	687	1 501	-13
21	-771	1 502	731	1 429	2 160	673	1 487	-58
22	-822	1 502	680	1 390	2 070	628	1 442	-52
23	-746	1 512	766	1 395	2 161	673	1 488	-93
24	-1 130	1 495	365	1 265	1 630	408	1 222	43
25	-937	1 495	558	1 265	1 823	504	1 319	-54
26	-1 006	1 478	472	1 233	1 705	445	1 260	-27
27	-1 074	1 478	404	1 228	1 632	409	1 223	5
28	-1 172	1 478	306	1 204	1 510	378	1 132	72
29	-1 253	1 485	232	1 140	1 372	343	1 029	111
30	-1 169	1 495	326	1 067	1 393	348	1 045	22
31	-1 143	1 495	352	1 001	1 353	338	1 015	-14
S.TOTAL	-14 594	23 429	8 835	22 137	30 972	9 192	21 780	357
MEAN	-912	1 464	552	1 384	1 936	575	1 361	22.3
TOTAL	-15 076	43 811	28 735	55 153	83 888	29 542	54 346	807
MEAN	-486	1 413	927	1 779	2 706	953	1 753	26.0

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 2005
(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	-1 182	1 495	313	979	1 292	323	969	10
2	-1 135	1 485	350	939	1 289	322	967	-28
3	-1 189	1 485	296	905	1 201	300	901	4
4	-1 194	1 485	291	908	1 199	300	899	9
5	-1 277	1 485	208	878	1 086	272	814	64
6	-1 306	1 478	172	844	1 016	254	762	82
7	-1 214	1 478	264	812	1 076	269	807	5
8	-1 294	1 468	174	795	969	242	727	68
9	-1 221	1 468	247	783	1 030	258	772	11
10	-1 174	1 468	294	878	1 172	293	879	-1
11	-1 059	1 468	409	876	1 285	321	964	-88
12	-1 135	1 485	350	1 069	1 419	355	1 064	5
13	-1 113	1 478	365	964	1 329	332	997	-33
14	-1 133	1 451	318	883	1 201	300	901	-18
15	-1 150	1 461	311	785	1 096	274	822	-37
S.TOTAL	-17 776	22 138	4 362	13 298	17 660	4 415	13 245	53
MEAN	-1 185	1 476	291	887	1 177	294	883	3.5
16	-1 152	1 451	299	722	1 021	255	766	-44
17	-1 258	1 451	193	739	932	233	699	40
18	-1 191	1 451	260	876	1 136	284	852	24
19	-1 221	1 451	230	864	1 094	274	820	44
20	-1 179	1 468	289	820	1 109	277	832	-12
21	-1 275	1 468	193	778	971	243	728	50
22	-1 270	1 451	181	749	930	232	698	51
23	-1 165	1 443	278	736	1 014	254	760	-24
24	-1 280	1 451	171	839	1 010	252	758	81
25	-1 057	1 451	394	869	1 263	316	947	-78
26	-1 094	1 434	340	795	1 135	284	851	-56
27	-1 152	1 434	282	717	999	250	749	-32
28	-1 199	1 451	252	629	881	220	661	-32
29	-1 177	1 451	274	607	881	220	661	-54
30	-1 182	1 451	269	617	886	222	664	-47
31	-1 419	1 451	32	651	683	171	512	139
S.TOTAL	-19 271	23 208	3 937	12 008	15 945	3 987	11 958	50
MEAN	-1 204	1 451	246	751	997	249	747	3.1
TOTAL	-37 047	45 346	8 299	25 306	33 605	8 402	25 203	103
MEAN	-1 195	1 463	268	816	1 084	271	813	3.3

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 2005
(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	AT INTERNATIONAL BOUNDARY	SHARES OF NATURAL FLOW UNITED STATES	CANADA	FLOW IN EXCESS OR DEFICIT (-) OF CANADIAN SHARE
1	-1 554	1 451	-103	658	555	139	416	242
2	-1 407	1 426	19	702	721	180	541	161
3	-1 375	1 297	-78	839	761	190	571	268
4	-1 377	1 201	-176	932	756	189	567	365
5	-1 333	1 003	-330	1 155	825	206	619	536
6	-1 306	783	-523	1 370	847	212	635	735
7	-1 182	577	-605	1 475	870	218	652	823
8	-1 025	570	-455	1 245	790	198	592	653
9	-844	568	-276	1 035	759	190	569	466
10	-661	475	-186	1 292	1 106	276	830	462
11	-147	252	105	2 021	2 126	656	1 470	551
12	93	93	186	1 818	2 004	595	1 409	409
13	91	10	101	1 561	1 662	424	1 238	323
14	269	2	271	1 223	1 494	374	1 120	103
15	149	2	151	1 147	1 298	324	974	173
S.TOTAL	-11 609	9 710	-1 899	18 473	16 574	4 371	12 203	6 270
MEAN	-774	647	-127	1 232	1 105	291	814	418
16	235	2	237	1 152	1 389	347	1 042	110
17	254	0	254	1 123	1 377	344	1 033	90
18	264	0	264	988	1 252	313	939	49
19	296	0	296	898	1 194	298	896	2
20	191	0	191	847	1 038	260	778	69
21	193	0	193	820	1 013	253	760	60
22	144	0	144	798	942	236	706	92
23	164	0	164	756	920	230	690	66
24	225	0	225	734	959	240	719	15
25	157	0	157	700	857	214	643	57
26	206	0	206	665	871	218	653	12
27	130	0	130	639	769	192	577	62
28	78	0	78	617	695	174	521	96
29	169	0	169	595	764	191	573	22
30	198	0	198	665	863	216	647	18
S.TOTAL	2 904	2	2 906	11 997	14 903	3 726	11 177	820
MEAN	194	0.13	194	800	994	248	745	54.7
TOTAL	-8 705	9 712	1 007	30 470	31 477	8 097	23 380	7 090
MEAN	-290	324	33.6	1 016	1 049	270	779	236

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 2005
(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	AT INTERNATIONAL BOUNDARY	SHARES OF NATURAL FLOW UNITED STATES	CANADA	FLOW IN EXCESS OR DEFICIT (-) OF CANADIAN SHARE
1	869	0	869	1 086	1 955	570	1 385	-299
2	2 540	0	2 540	2 067	4 607	1 896	2 711	-644
3	2 226	0	2 226	2 936	5 162	2 174	2 988	-52
4	1 348	0	1 348	3 376	4 724	1 955	2 769	607
5	935	0	935	3 425	4 360	1 773	2 587	838
6	751	0	751	3 327	4 078	1 632	2 446	881
7	480	0	480	3 205	3 685	1 435	2 250	955
8	680	0	680	2 765	3 445	1 315	2 130	635
9	724	0	724	2 569	3 293	1 239	2 054	515
10	692	0	692	2 618	3 310	1 248	2 062	556
11	519	0	519	2 310	2 829	1 007	1 822	488
12	438	0	438	2 089	2 527	856	1 671	418
13	575	0	575	1 921	2 496	841	1 655	266
14	357	0	357	1 810	2 167	676	1 491	319
15	360	0	360	1 740	2 100	643	1 457	283
S.TOTAL	13 494	0	13 494	37 244	50 738	19 260	31 478	5 766
MEAN	900	0	900	2 483	3 383	1 284	2 099	384
16	438	0	438	1 656	2 094	640	1 454	202
17	450	0	450	1 671	2 121	653	1 468	203
18	744	0	744	1 732	2 476	831	1 645	87
19	842	0	842	1 837	2 679	932	1 747	90
20	1 030	0	1 030	1 935	2 965	1 075	1 890	45
21	900	0	900	2 048	2 948	1 067	1 881	167
22	1 013	0	1 013	2 151	3 164	1 175	1 989	162
23	837	0	837	2 175	3 012	1 099	1 913	262
24	736	0	736	2 104	2 840	1 013	1 827	277
25	580	0	580	2 023	2 603	894	1 709	314
26	475	0	475	1 928	2 403	794	1 609	319
27	477	0	477	1 810	2 287	736	1 551	259
28	453	0	453	1 720	2 173	679	1 494	226
29	423	0	423	1 578	2 001	593	1 408	170
30	372	0	372	1 402	1 774	480	1 294	108
31	374	0	374	1 292	1 666	426	1 240	52
S.TOTAL	10 144	0	10 144	29 062	39 206	13 087	26 119	2 943
MEAN	634	0	634	1 816	2 450	818	1 632	184
TOTAL	23 638	0	23 638	66 306	89 944	32 347	57 597	8 709
MEAN	763	0	763	2 139	2 901	1 043	1 858	281

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
AVERAGE 1903 - 2004	89,000	712,000	286,000	434,000

Table 8:

Summary of Daily
Net Change, Natural Flow, Evaporative and Net Consumptive Uses of Milk River at Eastern Crossing of International Boundary
March, 2005

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	112.3	56.2	56.2	56.2	56.2
Mar 02	-	-	0.0	0.0	0.0	134.8	67.4	67.4	67.4	123.6
Mar 03	-	-	0.0	0.0	0.0	146.9	73.4	73.4	73.4	197.0
Mar 04	-	-	0.0	0.0	0.0	171.1	85.5	85.5	85.5	282.5
Mar 05	-	-	0.0	0.0	0.0	244.5	122.3	122.3	122.3	404.8
Mar 06	71.2	-	0.0	0.0	0.0	269.6	134.8	134.8	134.8	539.6
Mar 07	76.3	-	0.0	0.0	0.0	232.4	116.2	116.2	116.2	655.8
Mar 08	79.7	-	0.0	0.0	0.0	210.8	105.4	105.4	105.4	761.2
Mar 09	80.6	-	0.0	0.0	0.0	197.9	98.9	98.9	98.9	860.1
Mar 10	81.4	-	0.0	0.0	0.0	208.2	104.1	104.1	104.1	964.2
Mar 11	81.9	-	0.0	0.0	0.0	181.4	90.7	90.7	90.7	1054.9
Mar 12	78.9	-	0.0	0.0	0.0	212.5	106.3	106.3	106.3	1161.2
Mar 13	78.8	-	0.0	0.0	0.0	232.4	116.2	116.2	116.2	1277.4
Mar 14	74.5	-	0.0	0.0	0.0	235.0	117.5	117.5	117.5	1394.9
Mar 15	72.7	-	0.0	0.0	0.0	205.6	102.8	102.8	102.8	1497.7
15day Total	*776.0*	*0.0*	*0.0*	*0.0*	*0.0*	*2995.5*	*1497.7*	*1497.7*	*1497.7*	
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).										
Mar 16	72.3	-	0.0	0.0	0.0	220.3	110.2	110.2	110.2	110.2
Mar 17	72.2	-	0.0	0.0	0.0	197.9	98.9	98.9	98.9	209.1
Mar 18	79.2	-	0.0	0.0	0.0	183.2	91.6	91.6	91.6	300.7
Mar 19	75.8	-	0.0	0.0	0.0	159.0	79.5	79.5	79.5	380.2
Mar 20	69.9	-	0.0	0.0	0.0	159.0	79.5	79.5	79.5	459.6
Mar 21	68.2	-	0.0	0.0	0.0	171.1	85.5	85.5	85.5	545.2
Mar 22	66.6	-	0.0	0.0	0.0	183.2	91.6	91.6	91.6	636.8
Mar 23	62.8	-	0.0	0.0	0.0	171.1	85.5	85.5	85.5	722.3
Mar 24	63.7	-	0.0	0.0	0.0	159.0	79.5	79.5	79.5	801.8
Mar 25	67.8	-	0.0	0.0	0.0	146.9	73.4	73.4	73.4	875.2
Mar 26	82.5	-	0.0	0.0	0.0	146.9	73.4	73.4	73.4	948.7
Mar 27	93.7	-	0.0	0.0	0.0	188.4	94.2	94.2	94.2	1042.8
Mar 28	92.6	-	0.0	0.0	0.0	222.9	111.5	111.5	111.5	1154.3
Mar 29	91.6	-	0.0	0.0	0.0	185.8	92.9	92.9	92.9	1247.2
Mar 30	86.4	-	0.0	0.0	0.0	144.3	72.1	72.1	72.1	1319.3
Mar 31	86.2	-	0.0	0.0	0.0	153.8	76.9	76.9	76.9	1396.2
16day Total	*1231.5*	*0.0*	*0.0*	*0.0*	*0.0*	*2792.4*	*1396.2*	*1396.2*	*1396.2*	
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 Totals	*2007.5*	*0.0*	*0.0*	*0.0*	*0.0*	*5787.9*	*2894.0*	*2894.0*	*2894.0*	

All figures in cubic decametres.

Grey areas indicate natural flow equal to the recorded flow at the gauge (11AA031) Milk River 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 , 2005

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	107.1	-	0.0	0.0	0.0	152.1	114.0	38.0	38.0	38.0
Apr 02	115.3	-	0.0	0.0	0.0	144.3	108.2	36.1	36.1	74.1
Apr 03	114.5	-	0.0	0.0	0.0	161.6	121.2	40.4	40.4	114.5
Apr 04	132.3	10.1	0.0	0.0	0.0	142.4	106.8	35.6	35.6	150.1
Apr 05	153.1	-37.5	0.0	0.0	0.0	115.6	86.7	28.9	28.9	179.0
Apr 06	150.1	-97.8	0.0	0.0	0.0	52.2	39.2	13.1	13.1	192.0
Apr 07	141.6	-166.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	192.0
Apr 08	150.6	100.0	0.0	0.0	0.0	250.6	188.0	62.7	62.7	254.7
Apr 09	170.4	35.6	0.0	0.0	0.0	206.0	154.5	51.5	51.5	306.2
Apr 10	165.2	23.6	0.0	0.0	0.0	188.8	141.6	47.2	47.2	353.4
Apr 11	151.8	26.0	0.0	0.0	0.0	177.9	133.4	44.5	44.5	397.8
Apr 12	151.8	-40.9	0.0	0.0	0.0	110.9	83.2	27.7	27.7	425.6
Apr 13	147.5	-45.1	0.0	0.0	0.0	102.4	76.8	25.6	25.6	451.2
Apr 14	148.3	16.7	0.0	0.0	0.0	164.9	123.7	41.2	41.2	492.4
Apr 15	158.2	29.4	0.0	0.0	0.0	187.6	140.7	46.9	46.9	539.3
15day Total	*2157.8*	*-146.7*	*0.0*	*0.0*	*0.0*	*2157.1*	*1617.9*	*539.3*	*539.3*	
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	152.5	1.4	0.0	0.0	0.0	153.9	115.4	38.5	38.5	38.5
Apr 17	134.8	93.6	0.0	0.0	0.0	228.3	171.3	57.1	57.1	95.6
Apr 18	128.8	78.9	0.0	0.0	0.0	207.7	155.8	51.9	51.9	147.5
Apr 19	157.0	-55.9	0.0	0.0	0.0	101.1	75.8	25.3	25.3	172.8
Apr 20	156.1	44.2	2.3	0.0	0.0	202.6	152.0	50.7	50.7	223.4
Apr 21	167.2	98.7	20.8	0.0	0.0	286.6	215.0	71.7	71.7	295.1
Apr 22	188.6	48.3	30.1	0.0	0.0	266.9	200.2	66.7	66.7	361.8
Apr 23	213.2	-37.4	37.2	0.0	0.0	213.0	159.7	53.2	53.2	415.0
Apr 24	234.1	-89.6	30.3	0.0	0.0	174.8	131.1	43.7	43.7	458.8
Apr 25	212.3	-67.7	27.5	0.0	0.0	172.0	129.0	43.0	43.0	501.8
Apr 26	185.4	-76.8	32.4	0.0	0.0	141.0	105.8	35.3	35.3	537.0
Apr 27	161.5	-70.9	14.8	0.0	0.0	105.4	79.1	26.4	26.4	563.4
Apr 28	147.2	33.3	27.1	0.0	0.0	207.7	155.7	51.9	51.9	615.3
Apr 29	137.9	106.6	4.0	0.0	0.0	248.4	186.3	62.1	62.1	677.4
Apr 30	128.2	132.0	25.9	0.0	0.0	286.2	214.6	71.5	71.5	748.9
15day Total	*2504.8*	*238.7*	*252.3*	*0.0*	*0.0*	*2995.7*	*2246.8*	*748.9*	*748.9*	
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	*4662.6*	*92.0*	*252.3*	*0.0*	*0.0*	*5152.9*	*3864.6*	*1288.2*	*1288.2*	

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

May , 2005

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	126.9	90.6	24.1	0.0	0.0	241.6	181.2	60.4	60.4	60.4
May 02	136.1	45.2	35.1	0.0	0.0	216.3	162.2	54.1	54.1	114.5
May 03	141.3	14.9	34.7	0.0	0.0	191.0	143.3	47.8	47.8	162.2
May 04	143.7	21.0	49.0	0.0	0.0	213.6	160.2	53.4	53.4	215.6
May 05	143.3	20.7	40.5	0.0	0.0	204.5	153.4	51.1	51.1	266.8
May 06	135.1	-15.1	37.9	0.0	0.0	158.0	118.5	39.5	39.5	306.3
May 07	130.0	-96.5	23.6	0.0	0.0	57.0	42.8	14.3	14.3	320.5
May 08	125.7	-109.1	26.8	0.0	0.0	43.4	32.6	10.9	10.9	331.4
May 09	117.6	-105.2	45.9	0.0	0.0	58.3	43.8	14.6	14.6	346.0
May 10	115.4	-175.5	38.8	0.0	0.0	0.0	0.0	0.0	0.0	346.0
May 11	109.3	-150.5	24.3	0.0	0.0	0.0	0.0	0.0	0.0	346.0
May 12	108.1	-140.9	45.9	0.0	0.0	13.1	9.9	3.3	3.3	349.3
May 13	110.1	-160.3	40.1	0.0	0.0	0.0	0.0	0.0	0.0	349.3
May 14	109.9	-187.2	41.9	0.0	0.0	0.0	0.0	0.0	0.0	349.3
May 15	115.8	-220.5	45.7	0.0	0.0	0.0	0.0	0.0	0.0	349.3
15day Total	*1868.4*	*-1168.4*	*554.3*	*0.0*	*0.0*	*1397.0*	*1047.8*	*349.3*	*349.3*	
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	116.8	-165.7	20.9	80.2	49.0	101.3	76.0	25.3	-23.7	-23.7
May 17	119.0	-130.0	45.7	80.2	49.0	164.0	123.0	41.0	-8.0	-31.8
May 18	124.0	-121.5	63.8	80.2	49.0	195.5	146.6	48.9	-0.2	-31.9
May 19	113.2	-136.0	48.0	80.2	49.0	154.3	115.8	38.6	-10.5	-42.4
May 20	103.8	-130.2	66.0	80.2	49.0	168.9	126.7	42.2	-6.8	-49.2
May 21	101.5	-226.2	42.7	80.2	49.0	47.2	35.4	11.8	-37.2	-86.4
May 22	115.6	-289.1	52.9	80.2	49.0	8.6	6.4	2.1	-46.9	-133.3
May 23	101.9	-220.5	17.9	80.2	49.0	28.4	21.3	7.1	-41.9	-175.3
May 24	112.7	-264.0	51.2	80.2	49.0	29.1	21.8	7.3	-41.8	-217.1
May 25	126.6	-289.6	45.0	80.2	49.0	11.3	8.4	2.8	-46.2	-263.3
May 26	102.3	-297.2	50.0	80.2	49.0	0.0	0.0	0.0	-49.0	-312.3
May 27	87.1	-266.0	49.9	80.2	49.0	0.1	0.1	0.0	-49.0	-361.3
May 28	81.2	-262.7	41.8	80.2	49.0	0.0	0.0	0.0	-49.0	-410.4
May 29	70.8	-267.3	56.8	80.2	49.0	0.0	0.0	0.0	-49.0	-459.4
May 30	70.6	-260.9	42.5	80.2	49.0	0.0	0.0	0.0	-49.0	-508.5
May 31	74.1	-265.1	27.6	80.2	49.0	0.0	0.0	0.0	-49.0	-557.5
16day Total	*1621.1*	*-3591.8*	*722.6*	*1282.6*	*784.6*	*908.6*	*681.4*	*227.1*	*-557.5*	
Deficit carry over from previous division period										-557.5
Note: Eligible June 01 to September 15 accumulated carry over is 4900 dam^3 (2000 cfs-days).										
May Totals	*3489.6*	*-4760.2*	*1276.9*	*1282.6*	*784.6*	*2305.6*	*1729.2*	*576.4*	*-208.2*	

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 , 2005

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										-557.5
Note: Eligible June 01 to September 15 accumulated carry over is 4900 dam^3 (2000 cfs-days).										
Jun 01	67.1	-262.4	19.8	80.2	51.1	0.0	0.0	0.0	-51.1	-51.1
Jun 02	61.1	-290.1	24.4	80.2	51.1	0.0	0.0	0.0	-51.1	-102.2
Jun 03	61.1	-89.2	35.3	80.2	51.1	138.5	103.9	34.6	-16.5	-118.7
Jun 04	61.9	360.9	42.5	80.2	51.1	596.6	447.4	149.1	98.0	-20.7
Jun 05	57.6	527.4	11.2	80.2	51.1	727.4	545.6	181.9	130.7	110.0
Jun 06	59.4	1746.8	98.4	80.2	51.1	2035.9	1426.5	609.3	558.2	668.2
Jun 07	152.9	1908.4	28.3	80.2	51.1	2220.9	1519.0	701.9	650.7	1319.0
Jun 08	557.0	1919.2	3.5	80.2	51.1	2610.9	1714.1	896.9	845.8	2164.8
Jun 09	1279.8	2120.9	80.8	80.2	51.1	3612.8	2215.0	1397.8	1346.7	3511.5
Jun 10	1152.8	3426.9	87.4	80.2	51.1	4798.4	2807.8	1990.6	1939.5	5451.0
Jun 11	1836.2	699.0	67.3	80.2	51.1	2733.7	1775.5	958.3	907.2	6358.1
Jun 12	1596.8	161.7	41.7	80.2	51.1	1931.5	1374.3	557.2	506.1	6864.2
Jun 13	2494.9	-691.1	53.4	80.2	51.1	1988.4	1402.8	585.6	534.5	7398.7
Jun 14	1372.3	585.0	50.2	80.2	51.1	2138.8	1478.0	660.8	609.7	8008.4
Jun 15	734.2	500.2	24.3	80.2	51.1	1390.0	1042.5	*347.5*	*296.4*	8304.8
15day Total	*11544.9*	*12623.8*	*668.4*	*1202.4*	*766.8*	*26923.9*	*17852.3*	*9071.6*	*8304.8*	
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).										
Jun 16	558.3	897.4	25.8	11.8	19.4	1512.7	1134.5	378.2	358.8	358.8
Jun 17	452.0	742.2	35.6	11.8	19.4	1261.0	945.7	315.2	295.9	654.7
Jun 18	641.9	446.3	36.8	11.8	19.4	1156.1	867.1	289.0	269.7	924.4
Jun 19	631.5	524.2	38.2	11.8	19.4	1225.1	918.8	306.3	286.9	1211.3
Jun 20	428.5	532.6	42.5	11.8	19.4	1034.7	776.0	258.7	239.3	1450.6
Jun 21	331.3	660.5	68.2	11.8	19.4	1091.1	818.3	272.8	253.4	1704.0
Jun 22	310.4	657.3	54.9	11.8	19.4	1053.8	790.3	263.4	244.1	1948.1
Jun 23	375.9	355.9	56.4	11.8	19.4	819.3	614.5	204.8	185.5	2133.5
Jun 24	429.1	99.1	25.8	11.8	19.4	585.2	438.9	146.3	126.9	2260.5
Jun 25	321.6	31.6	26.4	11.8	19.4	410.7	308.1	102.7	83.3	2343.8
Jun 26	251.6	16.2	27.1	11.8	19.4	326.0	244.5	81.5	62.1	2405.9
Jun 27	205.6	44.3	31.1	11.8	19.4	312.2	234.1	78.0	58.7	2464.6
Jun 28	175.6	369.8	26.8	11.8	19.4	603.4	452.5	150.8	131.5	2596.1
Jun 29	156.1	209.2	30.4	11.8	19.4	426.9	320.2	106.7	87.4	2683.5
Jun 30	143.2	387.9	51.7	11.8	19.4	613.9	460.4	153.5	134.1	2817.6
15day Total	*5412.8*	*5974.5*	*577.8*	*176.4*	*290.4*	*12431.9*	*9323.9*	*3108.0*	*2817.6*	
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 Totals	*16957.7*	*18598.2*	*1246.2*	*1378.8*	*1057.2*	*39355.7*	*27176.2*	*12179.5*	*11122.3*	

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
July , 2005

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	138.3	825.0	52.2	21.4	35.2	1072.1	804.1	268.0	232.8	232.8
Jul 02	160.2	81.2	45.0	21.4	35.2	343.1	257.3	85.8	50.5	283.3
Jul 03	759.0	-905.8	29.6	21.4	35.2	0.0	0.0	0.0	-35.2	248.1
Jul 04	548.5	-490.8	28.9	21.4	35.2	143.2	107.4	35.8	0.6	248.7
Jul 05	403.5	-235.2	39.0	21.4	35.2	263.9	197.9	66.0	30.7	279.4
Jul 06	289.9	-82.0	54.6	21.4	35.2	319.1	239.4	79.8	44.6	324.0
Jul 07	222.6	-55.1	58.1	21.4	35.2	282.2	211.7	70.6	35.3	359.3
Jul 08	178.4	-71.9	41.1	21.4	35.2	204.3	153.2	51.1	15.8	375.2
Jul 09	152.5	-19.5	45.1	21.4	35.2	234.8	176.1	58.7	23.5	398.6
Jul 10	135.1	36.6	51.3	21.4	35.2	279.7	209.8	69.9	34.7	433.3
Jul 11	121.5	78.5	61.8	21.4	35.2	318.5	238.9	79.6	44.4	477.7
Jul 12	110.0	-58.9	69.2	21.4	35.2	176.9	132.7	44.2	9.0	486.7
Jul 13	97.6	-172.5	47.6	21.4	35.2	29.4	22.1	7.4	-27.9	458.8
Jul 14	89.8	-155.7	55.1	21.4	35.2	45.9	34.4	11.5	-23.8	435.1
Jul 15	84.7	-102.3	37.9	21.4	35.2	76.9	57.7	19.2	-16.0	419.1
15day Total	*3491.7*	*-1328.5*	*716.3*	*321.6*	*528.5*	*3790.0*	*2842.5*	*947.5*	*419.1*	
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).										
Jul 16	80.5	-90.9	32.2	21.4	35.2	78.4	58.8	19.6	-15.6	-15.6
Jul 17	75.7	-115.2	51.0	21.4	35.2	68.1	51.1	17.0	-18.2	-33.8
Jul 18	70.6	-124.9	61.1	21.4	35.2	63.5	47.6	15.9	-19.4	-53.2
Jul 19	64.0	-45.1	53.9	21.4	35.2	129.5	97.1	32.4	-2.9	-56.0
Jul 20	61.9	-94.7	61.0	21.4	35.2	84.9	63.7	21.2	-14.0	-70.1
Jul 21	63.0	-144.3	55.3	21.4	35.2	30.7	23.0	7.7	-27.6	-97.6
Jul 22	65.9	-198.7	58.3	21.4	35.2	0.0	0.0	0.0	-35.2	-132.8
Jul 23	55.1	-169.5	0.0	21.4	35.2	0.0	0.0	0.0	-35.2	-168.1
Jul 24	50.6	-87.7	0.0	21.4	35.2	19.6	14.7	4.9	-30.3	-198.4
Jul 25	49.8	-128.6	30.5	21.4	35.2	8.4	6.3	2.1	-33.1	-231.5
Jul 26	52.0	-170.4	16.2	21.4	35.2	0.0	0.0	0.0	-35.2	-266.8
Jul 27	48.8	-163.0	30.8	21.4	35.2	0.0	0.0	0.0	-35.2	-302.0
Jul 28	46.0	-182.9	69.2	21.4	35.2	0.0	0.0	0.0	-35.2	-337.2
Jul 29	41.3	-150.5	76.9	21.4	35.2	24.4	18.3	6.1	-29.1	-366.4
Jul 30	47.6	-165.0	0.0	21.4	35.2	0.0	0.0	0.0	-35.2	-401.6
Jul 31	48.2	-182.7	13.5	21.4	35.2	0.0	0.0	0.0	-35.2	-436.8
16day Total	*921.0*	*-2214.0*	*609.8*	*343.0*	*563.7*	*507.4*	*380.6*	*126.9*	*-436.8*	
Deficit carry over from previous division period										-436.8
Note: Eligible June 01 to September 15 accumulated carry over is 4900 dam^3 (2000 cfs-days).										
Jul Totals	*4412.6*	*-3542.5*	*1326.1*	*664.6*	*1092.1*	*4297.5*	*3223.1*	*1074.4*	*-17.8*	

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 , 2005

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										-436.8
Note: Eligible June 01 to September 15 accumulated carry over is 4900 dam^3 (2000 cfs-days).										
Aug 01	44.2	-209.8	17.0	17.3	29.0	0.0	0.0	0.0	-29.0	-29.0
Aug 02	42.4	-209.5	19.8	17.3	29.0	0.0	0.0	0.0	-29.0	-58.1
Aug 03	41.2	-184.3	39.0	17.3	29.0	0.0	0.0	0.0	-29.0	-87.1
Aug 04	40.1	-252.5	41.4	17.3	29.0	0.0	0.0	0.0	-29.0	-116.1
Aug 05	36.1	-278.5	35.3	17.3	29.0	0.0	0.0	0.0	-29.0	-145.2
Aug 06	34.8	-308.0	34.3	17.3	29.0	0.0	0.0	0.0	-29.0	-174.2
Aug 07	36.7	-323.7	32.4	17.3	29.0	0.0	0.0	0.0	-29.0	-203.2
Aug 08	38.6	-304.7	15.3	17.3	29.0	0.0	0.0	0.0	-29.0	-232.2
Aug 09	39.9	-252.3	25.4	17.3	29.0	0.0	0.0	0.0	-29.0	-261.3
Aug 10	36.3	-182.7	39.8	17.3	29.0	0.0	0.0	0.0	-29.0	-290.3
Aug 11	35.6	-78.9	14.2	17.3	29.0	17.2	12.9	4.3	-24.7	-315.0
Aug 12	35.3	-87.8	20.8	17.3	29.0	14.5	10.9	3.6	-25.4	-340.4
Aug 13	37.2	3.1	32.7	17.3	29.0	119.3	89.5	29.8	0.8	-339.6
Aug 14	45.2	-88.9	30.9	17.3	29.0	33.5	25.1	8.4	-20.7	-360.3
Aug 15	84.0	-186.0	11.3	17.3	29.0	0.0	0.0	0.0	-29.0	-389.3
15day Total	*627.7*	*-2944.5*	*409.4*	*259.2*	*435.5*	*184.5*	*138.4*	*46.1*	*-389.3*	
Deficit carry over from previous division period										-389.3
Note: Eligible June 01 to September 15 accumulated carry over is 4900 dam^3 (2000 cfs-days).										
Aug 16	74.3	-148.5	122.4	17.3	29.0	94.5	70.9	23.6	-5.4	-5.4
Aug 17	89.7	-214.8	20.6	17.3	29.0	0.0	0.0	0.0	-29.0	-34.4
Aug 18	82.6	-209.4	46.1	17.3	29.0	0.0	0.0	0.0	-29.0	-63.5
Aug 19	63.1	-95.4	49.2	17.3	29.0	63.3	47.4	15.8	-13.2	-76.7
Aug 20	94.0	-68.4	52.7	17.3	29.0	124.6	93.5	31.2	2.1	-74.6
Aug 21	89.2	-78.2	42.7	17.3	29.0	100.0	75.0	25.0	-4.0	-78.6
Aug 22	82.9	-64.2	13.3	17.3	29.0	78.2	58.7	19.6	-9.5	-88.0
Aug 23	101.2	-105.0	6.0	17.3	29.0	48.5	36.4	12.1	-16.9	-104.9
Aug 24	85.8	-27.3	37.4	17.3	29.0	142.2	106.6	35.5	6.5	-98.4
Aug 25	72.3	44.7	41.9	17.3	29.0	205.2	153.9	51.3	22.3	-76.2
Aug 26	69.7	9.0	38.2	17.3	29.0	163.2	122.4	40.8	11.8	-64.4
Aug 27	75.0	103.2	41.5	17.3	29.0	266.0	199.5	66.5	37.5	-26.9
Aug 28	69.2	287.1	82.4	17.3	29.0	485.0	363.8	121.3	92.2	65.3
Aug 29	129.9	-8.2	17.5	17.3	29.0	185.5	139.1	46.4	17.3	82.6
Aug 30	171.4	-157.8	33.8	17.3	29.0	93.7	70.3	23.4	-5.6	77.0
Aug 31	150.8	-60.0	28.0	17.3	29.0	165.1	123.8	41.3	12.2	89.3
16day Total	*1501.1*	*-793.2*	*673.6*	*276.5*	*464.5*	*2215.1*	*1661.3*	*553.8*	*89.3*	
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).										
Aug Totals	*2128.7*	*-3737.7*	*1083.0*	*535.7*	*899.9*	*2399.6*	*1799.7*	*599.9*	*-300.0*	

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 , 2005

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 Note: Eligible June 01 to September 15 accumulated carry over is 4900 dam^3 (2000 cfs-days).).										#N/A
Sep 01	130.5	-36.3	31.0	11.8	19.4	156.3	117.2	39.1	19.7	19.7
Sep 02	101.3	16.8	48.1	11.8	19.4	197.3	148.0	49.3	30.0	49.7
Sep 03	78.4	1.7	46.2	11.8	19.4	157.5	118.1	39.4	20.0	69.7
Sep 04	66.7	4.3	45.2	11.8	19.4	147.4	110.5	36.8	17.5	87.2
Sep 05	58.7	29.6	42.2	11.8	19.4	161.6	121.2	40.4	21.1	108.3
Sep 06	53.9	83.7	47.0	11.8	19.4	215.7	161.8	53.9	34.6	142.8
Sep 07	50.7	-63.3	52.1	11.8	19.4	70.6	53.0	17.7	-1.7	141.2
Sep 08	44.8	-166.5	30.2	11.8	19.4	0.0	0.0	0.0	-19.4	121.8
Sep 09	42.3	-104.2	5.2	11.8	19.4	0.0	0.0	0.0	-19.4	102.5
Sep 10	43.3	-133.4	15.7	11.8	19.4	0.0	0.0	0.0	-19.4	83.1
Sep 11	41.9	5.6	18.0	11.8	19.4	96.6	72.5	24.2	4.8	87.9
Sep 12	40.9	231.7	18.5	11.8	19.4	322.3	241.7	80.6	61.2	149.1
Sep 13	37.8	327.1	28.6	11.8	19.4	424.7	318.5	106.2	86.8	236.0
Sep 14	39.4	420.6	11.3	11.8	19.4	502.3	376.7	125.6	106.2	342.2
Sep 15	72.2	424.5	4.1	11.8	19.4	531.9	399.0	133.0	113.6	455.8
15day Total	*902.8*	*1042.0*	*443.6*	*176.4*	*290.3*	*2984.3*	*2238.2*	*746.1*	*455.8*	
Deficit carry over from previous division period Note: Eligible June 01 to September 15 accumulated carry over is 4900 dam^3 (2000 cfs-days).										#N/A
Sep 16	300.1	209.3	1.3	0.0	0.0	510.6	383.0	127.7	127.7	127.7
Sep 17	377.8	108.5	9.3	0.0	0.0	495.5	371.6	123.9	123.9	251.5
Sep 18	390.3	96.6	10.5	0.0	0.0	497.4	373.0	124.3	124.3	375.9
Sep 19	264.7	181.7	6.2	0.0	0.0	452.6	339.5	113.2	113.2	489.0
Sep 20	198.1	195.3	3.4	0.0	0.0	396.8	297.6	99.2	99.2	588.2
Sep 21	158.3	-	3.6	0.0	0.0	379.3	284.5	94.8	94.8	683.0
Sep 22	135.7	-	1.1	0.0	0.0	332.6	249.5	83.2	83.2	766.2
Sep 23	117.9	-	0.6	0.0	0.0	303.3	227.4	75.8	75.8	842.0
Sep 24	102.5	-	2.5	0.0	0.0	276.5	207.4	69.1	69.1	911.1
Sep 25	98.1	-	4.4	0.0	0.0	252.3	189.2	63.1	63.1	974.2
Sep 26	91.2	-	2.1	0.0	0.0	229.8	172.4	57.5	57.5	1031.7
Sep 27	86.6	-	2.3	0.0	0.0	212.5	159.4	53.1	53.1	1084.8
Sep 28	82.8	-	6.3	0.0	0.0	200.4	150.3	50.1	50.1	1134.9
Sep 29	82.2	-	2.4	0.0	0.0	176.3	132.2	44.1	44.1	1179.0
Sep 30	79.6	-	0.7	0.0	0.0	168.5	126.4	42.1	42.1	1221.1
15day Total	*2565.7*	*791.4*	*56.7*	*0.0*	*0.0*	*4884.4*	*3663.3*	*1221.1*	*1221.1*	
Deficit carry over from previous division period Note: Eligible June 01 to September 15 accumulated carry over is 4900 dam^3 (2000 cfs-days).										#N/A
Sep Totals	*3468.6*	*1833.4*	*500.3*	*176.4*	*290.3*	*7868.7*	*5901.5*	*1967.2*	*1676.9*	

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
October , 2005

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 Note: Eligible June 01 to September 15 accumulated carry over is 4900 dam^3 (2000 cfs-days).										#N/A
Oct 01	80.1	-	2.0	0.0	0.0	173.7	130.2	43.4	43.4	43.4
Oct 02	80.3	-	1.7	0.0	0.0	171.1	128.3	42.8	42.8	86.2
Oct 03	84.6	-	0.3	0.0	0.0	173.7	130.2	43.4	43.4	129.6
Oct 04	79.6	-	1.3	0.0	0.0	181.4	136.1	45.4	45.4	175.0
Oct 05	79.3	-	1.5	0.0	0.0	188.4	141.3	47.1	47.1	222.0
Oct 06	83.0	-	3.5	0.0	0.0	188.4	141.3	47.1	47.1	269.1
Oct 07	82.3	-	1.1	0.0	0.0	178.8	134.1	44.7	44.7	313.8
Oct 08	90.5	-	1.5	0.0	0.0	178.8	134.1	44.7	44.7	358.6
Oct 09	130.7	-	1.1	0.0	0.0	176.3	132.2	44.1	44.1	402.6
Oct 10	147.9	-	0.8	0.0	0.0	181.4	136.1	45.4	45.4	448.0
Oct 11	153.6	-	0.6	0.0	0.0	200.4	150.3	50.1	50.1	498.1
Oct 12	177.1	-	1.5	0.0	0.0	200.4	150.3	50.1	50.1	548.2
Oct 13	186.3	-	1.1	0.0	0.0	212.5	159.4	53.1	53.1	601.3
Oct 14	186.9	-	1.3	0.0	0.0	256.6	192.5	64.2	64.2	665.5
Oct 15	171.0	-	2.0	0.0	0.0	249.7	187.3	62.4	62.4	727.9
15day Total	*1813.2*	*0.0*	*21.3*	*0.0*	*0.0*	*2911.7*	*2183.8*	*727.9*	*727.9*	
Deficit carry over from previous division period Note: Eligible June 01 to September 15 accumulated carry over is 4900 dam^3 (2000 cfs-days).										#N/A
Oct 16	154.5	-	1.7	0.0	0.0	227.2	170.4	56.8	56.8	56.8
Oct 17	138.0	-	1.4	0.0	0.0	215.1	161.4	53.8	53.8	110.6
Oct 18	123.7	-	0.5	0.0	0.0	205.6	154.2	51.4	51.4	162.0
Oct 19	112.8	-	0.8	0.0	0.0	190.9	143.2	47.7	47.7	209.7
Oct 20	110.7	-	0.7	0.0	0.0	185.8	139.3	46.4	46.4	256.2
Oct 21	104.6	-	2.8	0.0	0.0	183.2	137.4	45.8	45.8	302.0
Oct 22	101.9	-	1.1	0.0	0.0	178.8	134.1	44.7	44.7	346.7
Oct 23	104.6	-	1.1	0.0	0.0	178.8	134.1	44.7	44.7	391.4
Oct 24	104.1	-	1.8	0.0	0.0	181.4	136.1	45.4	45.4	436.8
Oct 25	104.8	-	1.0	0.0	0.0	166.8	125.1	41.7	41.7	478.4
Oct 26	105.8	-	0.1	0.0	0.0	171.1	128.3	42.8	42.8	521.2
Oct 27	112.0	-	0.3	0.0	0.0	196.1	147.1	49.0	49.0	570.2
Oct 28	112.1	-	2.1	0.0	0.0	269.6	202.2	67.4	67.4	637.6
Oct 29	114.3	-	1.6	0.0	0.0	247.1	185.3	61.8	61.8	699.4
Oct 30	115.1	-	0.9	0.0	0.0	222.9	167.2	55.7	55.7	755.1
Oct 31	111.4	-	0.0	0.0	0.0	200.4	150.3	50.1	50.1	805.2
16day Total	*1830.3*	*0.0*	*17.9*	*0.0*	*0.0*	*3221.0*	*2415.7*	*805.2*	*805.2*	
Deficit carry over from previous division period Note: Eligible June 01 to September 15 accumulated carry over is 4900 dam^3 (2000 cfs-days).										#N/A
Oct Totals	*3643.4*	*0.0*	*39.2*	*0.0*	*0.0*	*6132.7*	*4599.5*	*1533.2*	*1533.2*	

All figures in cubic decametres.

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
1971	128,000	91,300	36,600
1972	228,000	148,000	80,300
1973	44,500	29,600	14,900
1974	117,000	82,200	34,500
1975	324,000	206,000	118,000
1976	118,000	80,300	37,400
1977	37,100	25,800	11,400
1978	274,000	174,000	101,000
1979	248,000	153,000	95,600
1980	99,400	69,500	29,900
1981	113,000	79,200	34,200
1982	164,000	109,000	55,100
1983	46,600	32,600	13,900
1984	26,500	17,500	9,100
1985	58,800	41,700	17,100*
1986	88,100	58,800	29,200
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
1991	148,000	105,000	42,800
1992	38,900	26,900	12,000
1993	160,000	110,000	50,800
1994	188,000	115,000	72,600
1995	229,000	155,000	74,100
1996	200,000	125,000	75,500
1997	174,000	114,000	60,300
1998	75,000*	53,900*	21,100*
1999	76,800	54,800	22,000
2000	35,400	24,300	11,100
2001	21,700	15,100	6,630
2002	235,000	146,000	89,900*
2003	97,300	63,700	33,600
2004	62,000	42,300	19,600
2005	73,300	51,200	22,100
Average 1912-2004	137,000	91,000	46,000

* 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 2005

	1	2	3	4	5	6	7	8	9	10
Period Upper Lodge Area	Michel Reservoir Depletion Observed	Greasewood Reservoir Depletion Observed	Massy Reservoir Depletion Observed	Minor Diversions Reported	Total Depletion Upper Lodge Reservoirs 1 + 2 + 3 +4	Channel Loss To International Boundary Computed	Net Depletion Upper Lodge 5 - 6	Bare Creek Reservoir Depletion Observed	Channel Loss To International Boundary Computed	Net Depletion Bare Creek 8 - 9
Feb 25 - Mar 11	36	23	41	0	100	100	0	25	25	0
Mar 12 - 27	13	7	-4	245	261	126	135	4	4	0
Mar 28 - Apr 11	18	43	4	18	83	83	0	316	129	187
Apr 12 - 26	4	0	3	2	9	9	0	21	21	0
Apr 27 - May 11*	2	3	0	32	37	37	0	1	1	0
May 12 - Jun 11	8	4	8	95	115	103	12	45	53	0
Jun 12 - 26	-3	-2	-1	0	-6	-6	0	135	116	19
Jun 27 - Jul 11	0	-31	-2	0	-33	-33	0	-3	-3	0
Jul 12 - 27	-2	-1	-28	0	-31	-31	0	-8	-8	0
Jul 28 - Aug 11	2	-1	-84	0	-83	-83	0	-4	-4	0
Aug 12 - 27	-183	-78	78	0	-183	-133	-50	-4	-4	0
Aug 28 - Sep 11	-360	-8	8	0	-360	-148	-212	-3	-3	0
Sep 12 - 26	-215	1	-1	0	-215	-126	-89	-2	-2	0
Sep 27 - Oct 11	-40	2	-1	0	-39	-39	0	-2	-2	0
Oct 12 - 27	-4	3	-1	0	-2	-2	0	-6	-6	0
Total	- 724	- 35	20	392	- 347	- 143	- 204	515	317	206

* Sixth and Seventh periods combined
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 2005

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	16	16	0	15	0	15	15	0	Feb 27 - Mar 13	0	0	0
Mar 13 - 28	30	30	0	13	0	13	13	0	Mar 14 - 29	0	0	0
Mar 29 - Apr 12	-8	-8	0	117	0	117	76	41	Mar 30 - Apr 13	0	0	0
Apr 13 - 27	-11	-11	0	19	0	19	19	0	Apr 14 - 28	0	0	0
Apr 28 - May 12	-1	-1	0	-8	0	-8	-8	0	Apr 29 - May 13	0	0	0
May 13 - Jun 12*	126	79	47	-10	0	-10	24	-34	May 14 - Jun 13*	0	0	0
Jun 13 - 27	126	82	44	-10	0	-10	-10	0	Jun 14 - 28	0	0	0
Jun 28 - Jul 12	-4	-4	0	-13	0	-13	-13	0	Jun 29 - Jul 13	0	0	0
Jul 13 - 28	-10	-10	0	-19	0	-19	-19	0	Jul 14 - 29	0	0	0
Jul 29 - Aug 12	-4	-4	0	-9	0	-9	-9	0	Jul 30 - Aug 13	0	0	0
Aug 13 - 28	1	1	0	0	0	0	0	0	Aug 14 - 29	0	0	0
Aug 29 - Sep 12	-178	-84	-94	-8	0	-8	-8	0	Aug 30 - Sep 13	0	0	0
Sep 13 - 27	-194	-86	-108	-4	0	-4	-4	0	Sep 14 - 28	0	0	0
Sep 28 - Oct 12	-35	-35	0	-20	0	-20	-20	0	Sep 29 - Oct 13	0	0	0
Oct 13 - 28	1	1	0	-5	0	-5	-5	0	Oct 14 - 29	0	0	0
Total	-145	-34	-111	58	0	58	51	7	Total	0	0	0

* Sixth and Seventh periods combined
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 2005

Period Middle Creek Reservoir Area	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
	Observed	Observed	Observed	Observed	Reported	23-24-25-22+27	Computed	27 – 28
Feb 27 - Mar 12	39	0	0	14	0	25	25	0
Mar 13 - 28	39	0	0	2	0	37	37	0
Mar 29 - Apr 12	450	0	0	4	0	446	96	350
Apr 13 - 27	53	0	0	0	37	90	75	16
Apr 28 - May 12	12	0	0	0	43	55	55	0
May 13 - Jun 12*	39	0	0	0	9	48	53	-5
Jun 13 - 27	53	0	0	0	0	53	53	0
Jun 28 - J ul 12	10	0	0	0	0	10	10	0
Jul 13 - 28	4	0	0	0	0	4	4	0
Jul 29 - Aug 12	1	0	0	0	0	1	1	0
Aug 13 - 28	4	0	0	0	0	4	4	0
Aug 29 - Sep 12	3	0	0	0	0	3	3	0
Sep 13 - 27	3	0	0	0	0	3	3	0
Sep 28 - Oct 12	2	0	0	0	0	2	2	0
Oct 13 - 28	4	0	0	0	0	4	4	0
Total	716	0	0	20	89	785	425	360

* Sixth and Seventh periods combined
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 2005

	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	57	19	Feb 28 - Mar 14	38	26	12	12	0
Mar 14 - 29	29	19	Mar 15 - 30	10	8	2	2	0
Mar 30 - Apr 13	88	20	Mar 31 - Apr 14	68	35	33	18	15
Apr 14 - 28	73	19	Apr 15 - 29	54	1	53	19	34
Apr 29 - May 13	40	19	Apr 30 - May 14	21	0	21	18	3
May 14 - Jun 13*	32	31	May 15 - Jun 14*	1	25	-24	-19	-5
Jun 14 - 28	27	19	Jun 15 - 29	8	4	4	4	0
Jun 29 - Jul 13	3	3	Jun 30 - Jul 14	0	9	-9	-9	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	349	148	Total	201	108	93	46	47

* Sixth and Seventh periods combined
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 2005

Period	37	38	39	40	41	42	43	44
Altawan Reservoir Area	Altawan Reservoir Depletion	Spangler Ditch	Return Flow From Spangler Ditch Squaw Coulee	Return Flow From Bedford -Walburger Coulee	Minor Diversions	Gross Depletion	Channel Loss To Inter-National Boundary	Net Depletion Altawan
	Observed	Observed	Observed	Observed	Reported	37+38-39-40+41	Computed	42 - 43
Feb 27 - Mar 13	78	0	0	0	22	100	38	62
Mar 14 - 29	142	0	0	0	31	173	41	132
Mar 30 - Apr 13	1 600	0	0	0	115	1 715	87	1 628
Apr 14 - 28	256	0	0	0	21	277	44	233
Apr 29 - May 13	100	0	0	0	0	100	39	61
May 14 - Jun 13*	-1 973	1 600	133	0	0	- 506	- 106	- 400
Jun 14 - 28	1 078	0	6	0	0	1 072	119	953
Jun 29 - Jul 13	55	0	0	0	0	55	38	17
Jul 14 - 29	- 27	0	0	0	0	- 27	- 27	0
Jul 30 - Aug 13	- 724	523	0	0	0	- 201	- 49	- 152
Aug 14 - 29	6	0	0	0	0	6	6	0
Aug 30 - Sep 13	- 24	0	0	0	0	- 24	- 24	0
Sep 14 - 28	- 6	0	0	0	0	- 6	- 6	0
Sep 29 - Oct 13	- 37	0	0	0	0	- 37	- 36	- 1
Oct 14 - 29	- 18	0	0	0	0	- 18	- 18	0
Total	506	2 123	139	0	189	2 679	145	2 534

* Sixth and Seventh periods combined
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 2005

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	62	20	82	41	- 21	- 21
Mar 16 - 31	267	28	295	147	- 119	- 140
Apr 1 - 15	2 221	26	2 247	1 123	-1 097	-1 237
Apr 16 - 30	283	6	289	144	- 138	-1 375
May 1 - 15	63	0	63	32	- 32	-1 407
May 16 - Jun 15*	- 385	1 656	1 271	636	1 020	- 387
Jun 16 - 30	1 016	1 549	2 565	1 282	267	- 120
Jul 1 - 15	17	26	43	22	4	- 116
Jul 16 - 31	0	0	0	0	0	- 116
Aug 1 - 15	- 152	0	0	0	0	- 116
Aug 16 - 31	- 50	0	0	0	0	- 116
Sep 1 - 15	- 306	0	0	0	0	- 116
Sep 16 - 30	- 197	0	0	0	0	- 116
Oct 1 - 15	- 1	0	0	0	0	- 116
Oct 16 - 31	0	0	0	0	0	- 116
Total	2 838	3 311	6 855	3 427	-116	-116

* Sixth and Seventh periods combined
All values are derived from data as published in Appendix B.
All quantities in cubic decametres.

Approved by: _____ For Canada
_____ 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	AVERAGE			
1977	1,230	615	888	1950-2004	29,900	14,900	21,300
1978	37,200	18,600	22,400				
1979	47,000	23,500	30,400				

Table 12: NATURAL FLOW OF BATTLE CREEK AT THE INTERNATIONAL BOUNDARY FOR THE YEAR 2005

Period Reesor Lake Area	1 Reesor Lake Depletion	2 Channel Loss To International Boundary	3 Net Depletion Upper Battle Creek	Period Gaff Ditch Area	4 Gaff Ditch	5 Return Flow	6 Gross Depletion Gaff Ditch	7 Channel Loss To International Boundary	8 Net Depletion Gaff Ditch
	Observed	Computed	1 - 2		Measured	Computed	4 - 5	Computed	6 - 7
Jan 25 - Feb 22	8	8	0	Jan 27 – Feb 24	0	0	0	0	0
Feb 23 - Mar 19	22	22	0	Feb 25-Mar 21	0	0	0	0	0
Mar 20 - Apr 3	6	6	0	Mar 22-Apr5	394	138	256	146	110
Apr 4 - 18	10	10	0	Apr 6 - 20	1 034	362	672	146	526
Apr 19 - May 3	13	13	0	Apr 21-May 5	419	147	272	146	126
May 4 - 19	14	14	0	May 6 - 21	17	6	11	11	0
May 20 - Jun 3	30	30	0	May 22-Jun 5	11	4	7	7	0
Jun 4 - 18	57	57	0	Jun 6 - 20	4	1	3	3	0
Jun 19 - Jul 3	12	12	0	Jun 21-Jul 5	1	0	1	1	0
Jul 4 -19	10	10	0	Jul 6 - 21	0	0	0	0	0
Jul 20 - Aug 3	-2	-2	0	Jul 22-Aug 5	0	0	0	0	0
Aug 4 - 19	10	10	0	Aug 6 - 21	0	0	0	0	0
Aug 20 - Sep 3	29	29	0	Aug 22-Sep 5	0	0	0	0	0
Sep 4 - 18	9	9	0	Sep 6 - 20	0	0	0	0	0
Sep 19 - Oct 3	-8	-8	0	Sep 21-Oct 5	0	0	0	0	0
Oct 4 - Oct 19	-19	-19	0	Oct 6 - 21	0	0	0	0	0
Oct 20 - 25	-4	-4	0	Oct 22-27	0	0	0	0	0
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Total	197	197	0	Total	1 880	658	1 222	461	762

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 2005

Period Cypress Lake Area	9 West Inflow Canal	10 West Outflow Canal	11 West Inflow Canal Drain	12 Total Release From Cypress Lake	13 Net Diversion To Cypress Lake	14 Vidora Ditch	15 Return Flow	16 Gross Depletion Cypress Lake	17 Channel Loss To Inter-National Boundary	18 Net Depletion Cypress Lake
	Measured	Measured	Measured	10 + 11	9 - 12	Measured	Computed	13+14-15	Computed	16 - 17
Jan 25 - Feb 25	1 360	0	0	0	1 360	0	0	1 360	205	1 155
Feb 26 - Mar 22	76	0	20	20	56	0	0	56	56	0
Mar 23 - Apr 6	1 110	3	11	14	1 096	0	0	1 096	110	986
Apr 7 - 21	506	73	0	73	433	0	0	433	110	323
Apr 22 - May 6	258	703	0	703	- 445	0	0	- 445	- 110	- 335
May 7 - 22	0	2 615	0	2 615	- 2 615	1 896	426	- 1 145	- 117	- 1 028
May 23 - Jun 6	167	4	0	4	163	1	48	116	110	6
Jun 7 - 21	2 333	256	1	257	2 076	2	1	2 077	110	1 967
Jun 22 - Jul 6	5	111	0	111	- 106	1	0	- 105	- 105	0
Jul 7 - 22	192	35	1	36	156	5	1	160	117	43
Jul 23 - Aug 6	312	0	1	1	311	0	0	311	110	201
Aug 7 - 22	88	0	1	1	87	0	0	87	87	0
Aug 23 - Sep 6	0	0	0	0	0	0	0	0	0	0
Sep 7 - 21	130	0	1	1	129	0	0	129	110	19
Sep 22 - Oct 6	341	0	1	1	340	0	0	340	110	230
Oct 7 - 22	366	0	1	1	365	0	0	365	117	248
Oct 23 - 28	0	0	0	0	0	0	0	0	0	0
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Total	7 244	3 800	38	3 838	3 406	1 905	476	4 835	1 021	3 815

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 2005

Period Consul Area	19 Richardson Ditch	20 McKinnon Ditch	21 Return Flow	22 Gross Depletion At Consul	23 Channel Loss To International Boundary	24 Net Depletion At Consul
	Measured	Measured	Computed	19+20-21	Computed	22 - 23
Jan 26 - Feb 26	0	0	0	0	0	0
Feb 27 - Mar 23	0	0	0	0	0	0
Mar 24 - Apr 7	0	0	0	0	0	0
Apr 8 - 22	0	0	0	0	0	0
Apr 23 - May 7	610	278	112	776	74	702
May 8 - 23	423	664	392	695	79	616
May 24 - Jun 7	0	0	0	0	0	0
Jun 8 – 22	2	0	0	2	2	0
Jun 23 -Ju l 7	0	0	0	0	0	0
Jul 8 - 23	0	0	0	0	0	0
Jul 24 - Aug 7	0	0	0	0	0	0
Aug 8 - 23	0	0	0	0	0	0
Aug 24 - Sep 7	0	0	0	0	0	0
Sep 8 - 22	0	0	0	0	0	0
Sep 23 - Oct 7	0	0	0	0	0	0
Oct 8 - 23	0	0	0	0	0	0
Oct 24 - 29	0	0	0	0	0	0
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Total	1 035	942	504	1 473	155	1 318

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 2005

Period Nashlyn Area	25 Nashlyn Canal Measured	26 Return Flow Computed	27 Gross Depletion At Nashlyn 25 - 26	28 Channel Loss To International Boundary Computed	29 Net Depletion At Nashlyn 27 - 28
Jan 27 - Feb 27	0	0	0	0	0
Feb 28 - Mar 24	1 346	551	795	61	735
Mar 25 - Apr 8	327	202	125	36	89
Apr 9 - 23	0	0	0	0	0
Apr 24 - May 8	298	101	197	36	161
May 9 - 24	761	374	387	39	348
May 25 - Jun 8	2	3	- 1	- 1	0
Jun 9 - 23	0	427	- 427 *	- 36	- 391
Jun 24 - Jul 8	0	0	0	0	0
Jul 9 - 24	0	0	0	0	0
Jul 25 - Aug 8	0	0	0	0	0
Aug 9 - 24	0	0	0	0	0
Aug 25 - Sep 8	0	0	0	0	0
Sep 9 - 23	0	0	0	0	0
Sep 24 - Oct 8	0	0	0	0	0
Oct 9 - 24	0	0	0	0	0
Oct 25 - 30	0	0	0	0	0
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Total	2 734	1 658	1 076	135	942

* Volume released from Nashlyn Reservoir was 427 dam3 and was applied to period # 7

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 2005

Period At International Boundary	30 Net Depletion In Canada	31 Battle Creek At International Boundary	32 Apparent Natural Flow Of Battle Creek	33 Adjustment For Minor Diversions & Dom. Use	34 Natural Flow Of Battle Creek	35 U.S.A. Share Of Natural Flow	36 Excess Flow To The U.S.A.	37 Deficit(-) To Date
	3+8+18+24+29	Measured	30 + 31	Reported	32 + 33	50% of 34	31 - 35	Sum of 36
Feb 1 - 28	1 155	860	2 015	0	2 015	1 008	- 148	- 148
Mar 1 - 25	735	796	1 531	31	1 562	781	- 133	- 133
Mar 26 - Apr 9	1 185	920	2 105	557	2 662	1 331	- 411	- 544
Apr 10 - 24	849	1 291	2 140	554	2 694	1 347	- 56	- 600
Apr 25 - May 9	654	561	1 215	401	1 616	808	- 247	- 847
May 10 - 25	- 64	192	128	671	799	400	- 208	-1 055
May 26 - Jun 9	6	1 047	1 053	145	1 198	599	448	- 607
Jun 10 - 24	1 576	1 577	3 153	5	3 158	1 579	- 2	- 609
Jun 25 - Jul 9	0	1 088	1 088	3	1 091	546	542	- 67
Jul 10 - 25	43	450	493	252	745	373	77	0
Jul 26 - Aug 9	201	68	269	2	271	136	- 68	- 68
Aug 10 - 25	0	164	164	2	166	83	81	0
Aug 26 - Sep 9	0	368	368	3	371	186	182	0
Sep 10 - 24	19	261	280	5	285	143	118	0
Sep 25 - Oct 9	230	200	430	5	435	218	- 18	- 18
Oct 10 - 25	248	246	494	2	496	248	- 2	- 20
Oct 26 - 31	0	248	248	2	250	125	123	0
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Total	6 837	10 337	17 174	2 640	19 814	9 911	278	0

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

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_____ 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	19,150	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
AVERAGE 1940-2004	30,300	15,200	20,100

* Revised

** For comparison purposes, totals for Mar 1 to Oct 31 are used. 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 2005

	1	2	3	4	5		6	7	8	9	10	11
Period For Cypress Lake Area	Belanger Creek Diversion	Cypress Lake East Outflow Canal	Gross Depletion At Cypress Lake	Channel Loss To Inter - National Boundary	Net Depletion At Cypress Lake	Period For Eastend Area	Eastend Reservoir Depletion	Eastend Canal	Return Flow	Gross Depletion At Eastend	Channel Loss At Inter - National Boundary	Net Depletion At Eastend
	Measured	Measured	1 - 2	Computed	3 - 4		Observed	Measured	Computed	6+7-8	Computed	9-10
Feb 20 - Mar 6	0	22	- 22	- 22	0	Feb 22 - Mar 8	815	0	0	815	248	567
Mar 7 - 22	0	105	- 105	- 105	0	Mar 9 - 24	621	0	0	621	239	382
Mar 23 - Apr 6	1 578	157	1 421	389	1 032	Mar 25 - Apr 8	565	0	0	565	230	335
Apr 7 - 21	1 566	195	1 371	428	943	Apr 9 - 23	246	0	0	246	194	52
Apr 22 - May 6	542	388	154	154	0	Apr 24 - May 8	264	0	0	264	199	65
May 7 - 22	179	23	156	156	0	May 9 - 24	-1 676	2 997	749	572	291	281
May 23 - Jun 6	37	50	- 13	- 13	0	May 25 - Jun 8	694	693	173	1 214	493	721
Jun 7 - 21	2 558	242	2 316	1 226	1 090	Jun 9 -23	581	0	0	581	343	238
Jun 22 - Jul 6	708	190	518	363	155	Jun 24 - Jul 8	22	0	0	22	22	0
Jul 7 - 22	54	21	33	33	0	Jul 9 - 24	341	0	0	341	254	87
Jul 23 - Aug 6	0	10	- 10	- 10	0	Jul 25 - Aug 8	-1 066	1 343	336	- 59	- 59	0
Aug 7 - 22	0	14	- 14	- 14	0	Aug 9 - 24	34	0	0	34	34	0
Aug 23 - Sep 6	0	15	- 15	- 15	0	Aug 25 - Sep 8	- 255	0	0	- 255	- 209	- 46
Sep 7 - 21	0	20	- 20	- 20	0	Sep 9 - 23	- 459	0	0	- 459	- 253	- 206
Sep 22 - Oct 6	0	24	- 24	- 24	0	Sep 24 - Oct 8	20	0	0	20	20	0
Oct 7 – 27[1]	0	29	- 29	- 29	0	Oct 9 - 29[1]	19	0	0	19	19	0
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Total	7 222	1 505	5 717	2 497	3 220	Total	766	5 033	1 258	4 541	2 065	2 476

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 2005

	12	13	14	15	16	17	18	19	20	21	22
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	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	14+18-19	Computed	20-21
Feb 26- Mar 12	- 30	1 811	1 781	0	0	0	0	0	1 781	142	1 639
Mar 13 - 28	- 223	-3 662	-3 885	0	0	0	0	0	-3 885	- 231	-3 654
Mar 29 - Apr 12	227	- 17	210	0	0	0	0	0	210	82	128
Apr 13 - 27	34	- 66	- 32	0	0	0	0	0	- 32	- 32	0
Apr 28 - May 12	122	865	987	70	46	6	122	31	1 078	174	904
May 13 - 28	-1 688	-2 809	-4 497	1 412	969	3 802	6 183	1 546	140	85	55
May 29 - Jun 12	1 015	357	1 372	408	365	716	1 489	372	2 489	460	2 029
Jun 13 - 27	987	1 804	2 791	0	0	0	0	0	2 791	509	2 282
Jun 28 - Jul 12	- 198	321	123	0	0	0	0	0	123	82	41
Jul 13 - 28	- 58	-1 576	-1 634	134	99	245	478	120	-1 276	- 270	-1 006
Jul 29 - Aug 12	-2 526	-2 653	-5 179	1 575	803	3 363	5 741	1 435	- 873	- 202	- 671
Aug 13 - 28	- 126	- 554	- 680	93	373	431	897	224	- 7	- 7	0
Aug 29 - Sep 12	501	- 746	- 245	0	0	0	0	0	- 245	- 91	- 154
Sep 13 - 27	820	- 10	810	0	0	0	0	0	810	147	663
Sep 28 - Oct 12	411	- 6	405	0	0	0	0	0	405	94	311
Oct 13 - Nov 2	515	- 728	- 213	0	0	0	0	0	- 213	- 87	- 126
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Total	-217	-7 669	-7 886	3 692	2 655	8 563	14 910	3 728	3 296	855	2 441

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 2005

Period At Inter - National Boundary	23 Net Depletion In Canada	24 Frenchman River At Inter - National Boundary	25 Apparent Natural Flow Of Frenchman River	26 Adjustment For Minor Diversions And Domestic Use	27 Natural Flow Of Frenchman River	28 U.S.A. Share Of Natural Flow	29 Excess Flow To The U.S.A.	30 Deficit(-) To Date
	5+11+22	Measured	23+24	Reported	25+26	50% of 27	24-28	Sum Of 29
Mar 1 - 15	2 206	817	3 023	122	3 145	1 573	- 756	- 756
Mar 16 - 31	-3 272	4 944	1 672	445	2 117	1 058	3 886	0
Apr 1 - 15	1 495	8 243	9 738	667	10 405	5 203	3 040	0
Apr 16 - 30	996	4 125	5 121	274	5 395	2 697	1 428	0
May 1 - 15	969	1 152	2 121	136	2 257	1 128	24	0
May 16 - 31	337	1 344	1 681	292	1 973	986	358	0
Jun 1 - 15	2 749	653	3 402	340	3 742	1 871	- 1 218	-1 218
Jun 16 - 30	3 610	484	4 094	120	4 214	2 107	- 1 623	-2 841
Jul 1 - 15	196	1 343	1 539	5	1 544	772	571	-2 270
Jul 16 - 31	- 919	975	56	170	226	113	862	-1 408
Aug 1 - 15	- 671	1 149	478	342	820	410	739	- 669
Aug 16 - 31	0	1 006	1 006	0	1 006	503	503	- 166
Sep 1 - 15	- 200	1 107	907	0	907	454	653	0
Sep 16 - 30	457	20	477	0	477	238	- 218	- 218
Oct 1 - 15	311	1	312	0	312	156	- 155	- 373
Oct 16 - Nov 5[1]	- 126	431	305	0	305	152	279	- 94
	---	---	---	---	---	---	---	---
Total	8 137	27 794	35 931	2 913	38 844	19 421	8 373	0

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

Approved by: R Bods For Canada

Robert E Stein 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	AVERAGE 1940-2004	78,600	39,300	59,400
1972	45,900	22,950	25,000				
1973	27,500	13,750	14,700				
1974	104,000	52,000	75,600				

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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 17th day of February, 2006.

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

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

05020500 ST MARY RIVER AT INTERNATIONAL BOUNDARY 05AE027

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	e6.23	10.2	4.33	5.72	15.1	28.6	31.7	11.3	7.62	12.6	14.2	5.41
2	e5.66	12.4	4.16	3.65	14.7	43.0	31.1	10.9	8.13	23.9	15.0	e5.38
3	e5.38	12.1	4.02	4.11	13.1	93.4	30.9	10.5	9.71	34.0	14.3	e5.38
4	e5.10	12.1	3.94	3.85	11.8	90.6	28.6	10.5	10.8	39.1	13.6	e5.24
5	e4.81	11.6	3.96	4.70	10.6	80.1	26.7	10.2	13.4	39.6	13.1	e5.24
6	e4.81	10.8	4.02	4.64	9.63	81.6	25.1	9.77	15.9	38.5	13.6	e5.24
7	e4.53	10.2	3.77	5.18	10.6	94.9	24.1	9.40	17.1	37.1	13.1	e5.10
8	e4.53	e9.34	3.79	5.75	14.4	90.0	25.4	9.20	14.4	32.0	12.7	e5.38
9	e4.53	e9.06	3.96	4.25	19.3	75.6	25.7	9.06	12.0	29.7	12.4	e4.96
10	e4.25	e8.50	3.94	4.33	24.3	65.1	25.1	10.2	15.0	30.3	12.2	e4.53
11	e4.25	8.16	3.94	4.53	23.0	57.2	24.2	10.1	23.4	26.7	11.2	e4.25
12	e3.96	7.62	4.19	4.59	19.3	54.1	22.9	12.4	21.0	24.2	10.5	e4.25
13	e3.96	7.25	4.28	4.56	18.6	51.8	20.9	11.2	18.1	22.2	9.68	e4.39
14	e3.68	6.85	4.45	5.69	19.7	45.3	19.2	10.2	14.2	21.0	9.29	e4.25
15	e3.68	e6.37	4.56	5.83	24.3	38.8	20.5	9.09	13.3	20.1	9.09	e4.25
16	e3.68	e6.23	4.62	5.80	27.5	34.5	21.0	8.35	13.3	19.2	9.12	e4.11
17	e3.96	e6.09	4.50	6.26	37.4	34.5	21.4	8.55	13.0	19.3	8.67	e4.11
18	e4.11	e5.95	4.50	6.06	46.2	37.1	20.6	10.1	11.4	20.0	9.06	e4.25
19	e4.53	e5.66	e4.53	6.23	47.3	36.2	18.4	10.0	10.4	21.3	8.50	e4.25
20	e5.10	e5.38	e4.53	6.29	43.3	35.1	17.2	9.49	9.80	22.4	8.33	e4.53
21	e6.23	e5.10	e4.53	6.17	39.6	34.3	16.5	9.00	9.49	23.7	8.10	e4.67
22	e7.93	e5.10	e4.53	6.03	36.8	34.0	16.1	8.67	9.23	24.9	7.82	e4.81
23	e10.2	e4.81	e4.53	5.97	32.8	35.4	16.1	8.52	8.75	25.2	7.50	e4.81
24	e12.5	e4.67	e4.53	6.12	29.4	36.8	14.6	9.71	8.50	24.4	7.25	e4.96
25	e13.6	e4.53	e4.53	6.77	28.1	36.0	14.6	10.1	8.10	23.4	7.16	e5.10
26	e14.7	e4.39	4.73	7.70	25.7	33.7	14.3	9.20	7.70	22.3	7.19	e5.24
27	14.9	e4.25	5.61	10.0	24.2	32.0	14.2	8.30	7.39	21.0	6.94	e5.10
28	15.5	e4.25	4.81	12.7	23.3	33.4	13.9	7.28	7.14	19.9	6.77	e5.10
29	15.2	---	6.54	14.9	24.0	33.1	13.2	7.02	6.88	18.3	6.29	e5.38
30	14.2	---	6.54	14.6	25.0	33.1	12.3	7.14	7.70	16.2	5.75	e5.66
31	10.4	---	5.83	---	26.0	---	11.6	7.53	---	15.0	---	e5.95
TOTAL	226.10	208.96	140.70	192.98	765.03	1509.3	638.1	292.98	352.84	767.5	298.41	151.28
MEAN	7.294	7.463	4.539	6.433	24.68	50.31	20.58	9.451	11.76	24.76	9.947	4.880
MAX	15.5	12.4	6.54	14.9	47.3	94.9	31.7	12.4	23.4	39.6	15.0	5.95
MIN	3.68	4.25	3.77	3.65	9.63	28.6	11.6	7.02	6.88	12.6	5.75	4.11
DAM3	19500	18100	12200	16700	66100	130000	55100	25300	30500	66300	25800	13100

FOR THE SEASON, MARCH TO OCTOBER: e--ESTIMATED

TOTAL DISCHARGE: 402 000 DAM3.

MAX INST DISCHARGE: 113 M3/S @ 14:45 HRS ON JUNE 3 (G.H. 2.118 M).

MIN DAILY DISCHARGE: 3.68 M3/S ON JANUARY 14, 15, 16.

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, 2004	15.106	22 990	
Oct. 31, 2004	17.203	31 470	+ 8 480
Nov. 30, 2004	18.562	37 460	+ 5 990
Dec. 31, 2004	20.187	45 050	+ 7 590
--	--	--	--
	Total 2004 calendar year		+ 26 470
Jan. 31, 2005	22.263	55 670	+ 10 620
Feb. 28, 2005	23.012	59 890	+ 4 220
Mar. 31, 2005	23.247	61 240	+ 1 350
Apr. 30, 2005	18.382	36 650	- 24 590
May 31, 2005	19.861	43 490	+ 6 840
Jun. 30, 2005	25.536	75 140	+ 31 650
Jul. 31, 2005	22.790	58 620	- 16 520
Aug. 31, 2005	14.633	21 200	- 37 420
Sept. 30, 2005	12.860	14 920	- 6 280
--	--	--	--
	Total 2005 water year		- 8 070
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

Maximum contents: 75 700 dam^3 at 0600 hrs on July 5 (gage height 25.625 m).
Minimum contents: 10 480 dam^3 at 1300 hrs on Sep 10 (gage height 11.460 m).

APPROVED BY FIELD REPRESENTATIVES OF THE UNITED STATES AND CANADA

WATER SURVEY OF CANADA
2005-11-17 09:54
CALGARY, ALTA.

ST. MARY CANAL AT ST. MARY CROSSING

STATION 05AE029

CompuMod 1.7.3

MEAN DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 2005

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.000	5.50	16.5	17.5	17.4	17.3	16.8	0.000	---	---	1
2	---	---	0.000	9.70	16.5	17.0	17.4	17.2	16.5	0.000	---	---	2
3	---	---	0.000	10.7	16.5	15.5	17.4	17.2	15.0	0.000	---	---	3
4	---	---	0.000	11.7	16.4	15.3	17.3	17.2	13.9	0.000	---	---	4
5	---	---	0.000	12.2	16.6	15.2	17.3	17.2	11.6	0.000	---	---	5
6	---	---	0.000	13.1	17.1	15.4	17.2	17.1	9.07	0.000	---	---	6
7	---	---	0.000	13.1	17.4	15.7	16.7	17.1	6.68	0.000	---	---	7
8	---	---	0.000	13.4	17.6	15.4	15.2	17.0	6.59	0.000	---	---	8
9	---	---	0.000	14.7	17.7	15.1	13.9	17.0	6.57	0.000	---	---	9
10	---	---	0.000	14.9	17.8	14.9	13.9	17.0	5.50 A	0.000	---	---	10
11	---	---	0.000	14.9 A	17.8	14.8	13.8	17.0	2.91 A	0.000	---	---	11
12	---	---	0.000	15.0	17.7	14.8	13.8	17.2	1.08	0.000	---	---	12
13	---	---	0.000	15.3	17.7	14.7	13.9	17.1	0.100 E	0.000	---	---	13
14	---	---	0.000	15.4	17.7	15.2	15.3 A	16.8	0.033 E	0.000	---	---	14
15	---	---	0.000	15.4	17.8	16.8	15.5	16.9	0.033 E	0.000	---	---	15
16	---	---	0.000	15.5	17.9	17.1	15.5	16.8	0.015 E	0.000	---	---	16
17	---	---	0.000	15.4	17.9	17.5	15.5	16.8	0.000	0.000	---	---	17
18	---	---	0.000	15.4	18.0	17.6	15.8 A	16.8	0.000	0.000	---	---	18
19	---	---	0.000	15.4	18.4	17.6	16.9	16.8	0.000	0.000	---	---	19
20	---	---	0.000	15.4	18.2	17.5	17.5	17.0	0.000	0.000	---	---	20
21	---	---	0.000	15.4	17.6	17.3	17.4	17.0	0.000	0.000	---	---	21
22	---	---	0.000	15.4	17.5	17.3	17.4	16.8	0.000	0.000	---	---	22
23	---	---	0.000	15.4	17.4	17.3	17.5	16.7	0.000	0.000	---	---	23
24	---	---	0.000	15.4	17.3	17.4	17.3 A	16.8	0.000	0.000	---	---	24
25	---	---	0.000	15.4	17.2	17.6	17.3	16.8	0.000	0.000	---	---	25
26	---	---	0.000	15.4	17.1	17.3	17.1	16.6	0.000	0.000	---	---	26
27	---	---	0.298	15.6	17.1	17.3	17.1	16.6	0.000	0.000	---	---	27
28	---	---	2.10	15.6	17.2	17.3	17.1	16.8	0.000	0.000	---	---	28
29	---		0.000	15.9	17.3	17.3	17.2	16.8	0.000	0.000	---	---	29
30	---		0.000	16.5	17.3	17.3	17.3	16.8	0.000	0.000	---	---	30
31	---		2.16		17.3		17.3	16.8		0.000		---	31
TOTAL			4.558	428.10	539.5	494.0	507.2	525.0	112.381	0.000			TOTAL
MEAN			0.147	14.3	17.4	16.5	16.4	16.9	3.75	0.000			MEAN
DAM3			394	37000	46600	42700	43800	45400	9710	0.000			DAM3
MAX			2.16	16.5	18.4	17.6	17.5	17.3	16.8	0.000			MAX
MIN			0.000	5.50	16.4	14.7	13.8	16.6	0.000	0.000			MIN

SUMMARY FOR THE MONTHS MARCH TO OCTOBER
TOTAL DISCHARGE: 225,600 DAM3

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED

Maximum daily discharge, 18.4 M3/S On 2005-05-19
Minimum daily discharge, 0.000 M3/S On 2005-03-01
Max Inst discharge, not valid
Min Inst discharge, not valid
REMARKS, 2005 PEAKS NOT VALID, REGULATED CANAL FLOW.

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

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	---	---	e1.30	1.76	18.1	15.7	27.8	14.6	18.3	2.01	---	---
2	---	---	e1.56	1.67	17.9	15.4	19.7	14.6	18.7	1.98	---	---
3	---	---	e1.70	1.87	17.7	17.8	19.0	14.9	18.4	2.01	---	---
4	---	---	e1.98	1.78	17.8	23.1	17.7	14.2	18.3	2.10	---	---
5	---	---	e2.83	1.61	18.3	25.2	18.7	14.0	18.5	2.18	---	---
6	---	---	e3.11	1.81	18.2	39.6	19.1	13.7	19.1	2.18	---	---
7	---	---	e2.69	5.18	17.3	43.3	18.7	13.6	17.3	2.07	---	---
8	---	---	2.44	11.9	17.1	49.8	17.9	13.8	15.5	2.07	---	---
9	---	---	2.29	12.7	17.0	56.1	18.2	14.4	14.4	2.04	---	---
10	---	---	2.41	13.3	16.2	68.5	18.6	15.1	12.7	2.10	---	---
11	---	---	2.10	14.0	16.8	49.0	18.9	16.4	12.1	2.32	---	---
12	---	---	2.46	14.0	17.5	41.1	17.0	16.3	12.1	2.32	---	---
13	---	---	2.69	14.2	17.6	38.5	14.7	17.4	11.2	2.46	---	---
14	---	---	2.72	15.3	17.5	37.9	13.1	16.6	12.0	2.97	---	---
15	---	---	2.38	16.8	17.3	28.9	12.7	16.1	13.1	2.89	---	---
16	---	---	2.55	16.6	17.9	30.9	12.7	16.4	13.0	2.63	---	---
17	---	---	2.29	17.4	18.4	28.2	12.3	16.0	10.4	2.49	---	---
18	---	---	e2.12	17.4	18.5	28.3	12.1	16.0	7.90	2.38	---	---
19	---	---	e1.84	16.9	18.3	27.2	13.4	16.8	6.23	2.21	---	---
20	---	---	e1.84	17.6	18.3	26.0	14.0	17.2	5.13	2.15	---	---
21	---	---	e1.98	18.4	17.3	27.4	13.8	17.1	4.39	2.12	---	---
22	---	---	e2.12	18.3	17.0	28.1	13.2	17.3	3.85	2.07	---	---
23	---	---	e1.98	17.6	17.4	26.2	13.4	17.0	3.51	2.07	---	---
24	---	---	e1.84	17.2	17.4	23.1	14.8	17.7	3.20	2.10	---	---
25	---	---	e1.70	17.1	17.0	21.0	15.4	18.5	2.92	1.93	---	---
26	---	---	e1.70	16.7	16.6	19.9	15.4	18.2	2.66	1.98	---	---
27	---	---	2.18	16.5	16.4	19.4	15.5	19.3	2.46	2.27	---	---
28	---	---	2.58	17.6	16.1	22.6	15.3	21.3	2.32	3.11	---	---
29	---	---	2.15	18.2	15.9	20.6	15.4	19.4	2.04	2.86	---	---
30	---	---	1.67	18.5	16.0	22.8	15.3	18.3	1.95	2.58	---	---
31	---	---	1.78	---	15.8	---	15.1	18.3	---	2.32	---	---
TOTAL	---	---	66.98	389.88	536.6	921.6	498.9	510.5	303.66	70.97	---	---
MEAN			2.161	13.00	17.31	30.72	16.09	16.47	10.12	2.289		
DAM3			5790	33700	46400	79600	43100	44100	26200	6130		
MAX			3.11	18.5	18.5	68.5	27.8	21.3	19.1	3.11		
MIN			1.30	1.61	15.8	15.4	12.1	13.6	1.95	1.93		

FOR THE SEASON, MARCH TO OCTOBER:
TOTAL DISCHARGE: 285 000 DAM3.

e-ESTIMATED

MAX INST DISCHARGE: 83.0 M3/S AT 0445 HRS ON JUNE 10 (G.H. 1.582 M).
MIN DAILY DISCHARGE: 1.30 M3/S ON MARCH 1
MIN DAILY DISCHARGE: not valid
MIN INST DISCHARGE: not valid

APPROVED BY FIELD REPRESENTATIVES OF THE UNITED STATES AND CANADA

WATER SURVEY OF CANADA
2005-12-07 12:53
CALGARY, ALTA.

MILK RIVER AT WESTERN CROSSING OF INTERNATIONAL BOUNDARY

STATION NO. 11AA025

CompuMod 1.7.3

MEAN DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 2005

DAY	JAN	FEB	MAR	APR	MAY	JU	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.546 B	1.37 B	1.22	0.404	2.90 A	0.063	0.256	0.508	---	---	1
2	---	---	0.600 B	1.21 B	1.19	0.864	2.15	0.085	0.219 A	0.528	---	---	2
3	---	---	0.640 B	1.38	1.14	3.93	1.64	0.079	0.178	0.594	---	---	3
4	---	---	0.650 B	1.60	1.08	13.5	1.34	0.065	0.150 A	0.947	---	---	4
5	---	---	0.670 B	1.54	1.02	12.5	1.14	0.053	0.134	1.17	---	---	5
6	---	---	0.670 B	1.45	0.982	18.6	1.01	0.044	0.117	1.18	---	---	6
7	---	---	0.650 B	1.42 A	0.968	15.4 A	0.877	0.040	0.106	1.31	---	---	7
8	---	---	0.640 B	1.34	0.963	26.8 A	0.762	0.034	0.098	1.56	---	---	8
9	---	---	0.588 A	1.40 A	0.989	14.9	0.672	0.042	0.088	1.65 A	---	---	9
10	---	---	0.569	1.55	1.06	7.76	0.612 A	0.122	0.128 A	1.50 A	---	---	10
11	---	---	0.565	1.49 A	1.07	5.87	0.564	0.124	0.923 A	1.34	---	---	11
12	---	---	0.567	1.29	1.11	4.55	0.508	0.133	3.24	1.14	---	---	12
13	---	---	0.661	1.21	1.17	6.35 A	0.477	0.220	3.81	1.01	---	---	13
14	---	---	0.622	1.39	1.05	6.71	0.400	0.249 A	2.50	0.909	---	---	14
15	---	---	0.568	1.44	0.947	4.42 A	0.377	0.578	1.78	0.856	---	---	15
16	---	---	0.535	1.54	0.923	3.35	0.390	0.523 A	1.29	0.815 A	---	---	16
17	---	---	0.530 B	1.64	1.06	2.94	0.367	0.421	1.00	0.784	---	---	17
18	---	---	0.500 B	2.07	0.913	3.56	0.298	0.378	0.826	0.786 A	---	---	18
19	---	---	0.510 B	2.34	1.06	4.43	0.274	0.370	0.706	0.780 A	---	---	19
20	---	---	0.544 B	2.09 A	1.23	3.24	0.264	0.327	0.683	0.817	---	---	20
21	---	---	0.700 B	1.81 A	0.950	2.46	0.290	0.353	0.631 A	0.829	---	---	21
22	---	---	0.829 B	1.56	0.779	1.95	0.252	0.415 A	0.549	0.843	---	---	22
23	---	---	0.759 B	1.39	0.715	1.61 A	0.220 A	0.348	0.505	0.872	---	---	23
24	---	---	0.720 B	1.28	0.592	1.38	0.195	0.540	0.470 A	0.927 A	---	---	24
25	---	---	0.660 B	1.20	0.554	1.20	0.183 A	0.794 A	0.468	0.936 A	---	---	25
26	---	---	0.629 B	1.19	0.579	1.15	0.162	1.12 A	0.474	0.894 A	---	---	26
27	---	---	0.900 B	1.23	0.524	1.34	0.143	1.06 A	0.476	0.905	---	---	27
28	---	---	0.910 B	1.30	0.461	7.94	0.123 A	0.776 A	0.470	0.887 A	---	---	28
29	---		0.900 B	1.35	0.463	5.75	0.109 A	0.540 A	0.468	0.857	---	---	29
30	---		1.16 B	1.32	0.470	4.16	0.096	0.404	0.493 A	0.831	---	---	30
31	---		1.40 B		0.418		0.078 A	0.311 A		0.814		---	31
TOTAL			21.392	44.39	27.650	189.018	18.873	10.611	23.236	29.779			TOTAL
MEAN			0.690	1.48	0.892	6.30	0.609	0.342	0.775	0.961			MEAN
DAM3			1850	3840	2390	16300	1630	917	2010	2570			DAM3
MAX			1.40	2.34	1.23	26.8	2.90	1.12	3.81	1.65			MAX
MIN			0.500	1.19	0.418	0.404	0.078	0.034	0.088	0.508			MIN

SUMMARY FOR THE MONTHS MARCH TO OCTOBER
Total Discharge: 31 500 DAM3
Maximum daily discharge, 26.8 A M3/S On 2005-06-08
Minimum daily discharge, not valid
Max Inst discharge, 35.2 M3/S @ 08:15:00 MST On 2005-06-08
Min Inst discharge, not valid

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

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

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

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	---	---	e0.278	0.368	0.340	0.283	0.453	0.340	0.368	0.453	---	---
2	---	---	0.283	0.425	0.311	0.906	0.425	0.340	0.368	0.425	---	---
3	---	---	0.283	0.368	0.311	2.52	0.425	0.368	0.340	0.453	---	---
4	---	---	0.283	0.368	0.283	1.30	0.425	0.396	0.340	0.566	---	---
5	---	---	0.272	0.368	0.311	0.850	0.425	0.368	0.368	0.538	---	---
6	---	---	0.278	0.311	0.283	2.69	0.396	0.368	0.368	0.595	---	---
7	---	---	0.263	0.340	0.283	3.09	0.396	0.368	0.368	0.736	---	---
8	---	---	0.272	0.368	0.311	2.10	0.368	0.396	0.340	0.595	---	---
9	---	---	0.275	0.311	0.283	0.934	0.368	0.481	0.368	0.510	---	---
10	---	---	0.272	0.283	0.283	0.736	0.368	0.850	0.708	0.481	---	---
11	---	---	0.272	0.278	0.283	0.595	0.368	0.736	2.55	0.453	---	---
12	---	---	e0.269	0.272	0.272	0.680	0.368	0.906	1.13	0.453	---	---
13	---	---	e0.255	0.278	0.263	1.08	0.340	0.736	0.708	0.425	---	---
14	---	---	e0.255	0.425	0.258	0.595	0.340	0.481	0.566	0.396	---	---
15	---	---	e0.241	0.368	0.255	0.538	0.340	0.510	0.510	0.425	---	---
16	---	---	e0.255	0.396	0.252	0.481	0.340	0.510	0.538	0.396	---	---
17	---	---	e0.241	0.538	0.283	0.651	0.396	0.538	0.566	0.396	---	---
18	---	---	e0.227	0.396	0.266	0.793	0.340	0.793	0.538	0.425	---	---
19	---	---	e0.227	0.368	0.244	0.538	0.311	0.623	0.481	0.425	---	---
20	---	---	e0.241	0.368	0.235	0.481	0.311	0.510	0.453	0.396	---	---
21	---	---	e0.255	0.340	0.235	0.453	0.311	0.453	0.425	0.396	---	---
22	---	---	e0.255	0.311	0.229	0.425	0.311	0.453	0.453	0.453	---	---
23	---	---	0.311	0.311	0.224	0.425	0.311	0.453	0.453	0.425	---	---
24	---	---	0.340	0.311	0.227	0.425	0.283	0.963	0.481	0.396	---	---
25	---	---	0.340	0.283	0.263	0.453	0.368	1.19	0.453	0.396	---	---
26	---	---	0.368	0.283	0.278	0.453	0.396	0.623	0.453	0.396	---	---
27	---	---	0.340	0.340	0.252	0.510	0.368	0.453	0.453	0.396	---	---
28	---	---	0.425	0.340	0.246	0.850	0.368	0.396	0.510	0.396	---	---
29	---	---	0.425	0.311	0.244	0.595	0.368	0.368	0.453	0.396	---	---
30	---	---	0.368	0.340	0.246	0.510	0.368	0.368	0.425	0.368	---	---
31	---	---	0.368	---	0.249	---	0.340	0.368	---	0.368	---	---
TOTAL	---	---	9.037	10.367	8.303	26.940	11.295	16.706	16.535	13.928	---	---
MEAN	---	---	0.292	0.346	0.268	0.898	0.364	0.539	0.551	0.449	---	---
MAX	---	---	0.425	0.538	0.340	3.09	0.453	1.19	2.55	0.736	---	---
MIN	---	---	0.227	0.272	0.224	0.283	0.283	0.340	0.340	0.368	---	---
DAM3			781	896	718	2330	976	1440	1430	1200		

FOR THE SEASON, MARCH TO OCTOBER:
TOTAL DISCHARGE: 9 770 DAM3.

e--ESTIMATED

MAX INST DISCHARGE: 5.01 M3/S AT 1730 HRS ON JUNE 7 (G.H. 1.426 M).
MAX DAILY DISCHARGE: 3.09 M3/S ON JUNE 7.
MIN DAILY DISCHARGE: 0.224 M3/S ON MAY 23.

APPROVED BY FIELD REPRESENTATIVES OF THE UNITED STATES AND CANADA

WATER SURVEY OF CANADA
2005-12-07 09:38
CALGARY, ALTA.

NORTH MILK RIVER NEAR INTERNATIONAL BOUNDARY

STATION NO. 11AA001

CompuMod 1.7.3a

MEAN DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 2005

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.309 B	1.57	17.2	19.0	17.1	17.2	17.9	0.621 A	---	---	1
2	---	---	0.315 B	5.89	17.2	20.3	17.2	17.3 A	17.8	0.618	---	---	2
3	---	---	0.330 B	9.37	17.2	23.7	17.1	17.2	17.2	0.665	---	---	3
4	---	---	0.340 B	10.7	17.1	18.0	17.1	17.3	15.5	0.790	---	---	4
5	---	---	0.350 B	11.5	17.2	16.3	17.0	17.3	14.1	0.761	---	---	5
6	---	---	0.360 B	12.3	17.6	22.3	17.0	17.3	11.9	0.821	---	---	6
7	---	---	0.370 B	13.1	18.2	23.8	16.8	17.3	9.31	1.40	---	---	7
8	---	---	0.350 B	13.4	18.5	19.7	15.9	17.3	7.32	1.17	---	---	8
9	---	---	0.289 B	13.7	18.7	16.2	14.2	17.6	7.04	0.824 A	---	---	9
10	---	---	0.346 B	14.9	18.8	15.3	13.3	18.1	8.06 A	0.742	---	---	10
11	---	---	0.275 B	15.1 A	18.7	14.6	13.2	18.0	9.65 A	0.677	---	---	11
12	---	---	0.282 B	15.0 A	18.8	15.1	13.1	18.4	5.90 A	0.674	---	---	12
13	---	---	0.286 B	15.3	18.7	16.8 A	13.1	18.2	2.97 A	0.643	---	---	13
14	---	---	0.285 B	16.2	18.8	14.4	13.5	17.7	1.63	0.632 A	---	---	14
15	---	---	0.267 B	15.6 A	18.9	15.4	14.7	17.4	1.09 A	0.638	---	---	15
16	---	---	0.256 B	15.7	19.0	16.4	15.1 A	17.5	1.00	0.634	---	---	16
17	---	---	0.250 B	16.1	19.3	17.6	15.1	17.6	0.965	0.629	---	---	17
18	---	---	0.242 B	16.0	19.0	18.5	15.1 A	17.8	0.822	0.650	---	---	18
19	---	---	0.250 B	15.9	19.4	17.5	15.5	17.6	0.717	0.692 A	---	---	19
20	---	---	0.270 B	15.8	19.1	17.4	16.6	17.7	0.746	0.663	---	---	20
21	---	---	0.265 B	15.8	19.1	17.3	17.1	17.7	0.622 A	0.672	---	---	21
22	---	---	0.260 B	15.8	18.7	16.9	17.1	17.7	0.593 A	0.696	---	---	22
23	---	---	0.300 B	15.8	18.4	16.7	17.2	17.6 A	0.614	0.678	---	---	23
24	---	---	0.360 B	15.7	18.4	16.8	16.9	19.0	0.628	0.655 A	---	---	24
25	---	---	0.390 B	15.8	18.5	17.1	17.0	19.4 A	0.613	0.652	---	---	25
26	---	---	0.400 B	15.9	18.3	17.1	17.1	18.0	0.584	0.658	---	---	26
27	---	---	0.420 B	16.1	18.2	17.4	16.9	17.7	0.590	0.663	---	---	27
28	---	---	0.460 B	16.2	18.3	21.5	16.9	17.7	0.628	0.656	---	---	28
29	---		0.490 B	16.2	18.4	17.6	16.9 A	17.8 A	0.594	0.647	---	---	29
30	---		0.500 B	16.7	18.5	17.3	17.0	17.8	0.578 A	0.641	---	---	30
31	---		0.640 B		18.7		17.1	17.8 A		0.650 A		---	31
TOTAL			10.507	423.13	570.9	534.0	494.9	550.0	157.664	22.212			TOTAL
MEAN			0.339	14.1	18.4	17.8	16.0	17.7	5.26	0.717			MEAN
DAM3			908	36600	49300	46100	42800	47500	13600	1920			DAM3
MAX			0.640	16.7	19.4	23.8	17.2	19.4	17.9	1.40			MAX
MIN			0.242	1.57	17.1	14.4	13.1	17.2	0.578	0.618			MIN

SUMMARY FOR THE MONTHS MARCH TO OCTOBER
Total Discharge: 239 000 DAM3
Maximum daily discharge, 23.8 M3/S On 2005-06-07
Minimum daily discharge, not valid
Max Inst discharge, 32.8 M3/S @ 18:15:00 MST On 2005-06-07

HQ #20.00: 2002-03-01 to open shift corr

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED

APPROVED BY FIELD REPRESENTATIVES OF THE UNITED STATES AND CANADA

WATER SURVEY OF CANADA
2006-01-23 14:55
CALGARY, ALTA.

MILK RIVER AT MILK RIVER

STATION NO. 11AA005

CompuMod 1.7.3

MEAN DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 2005

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.320 B	1.59 B	1.49 B	2.11	18.2	18.5	24.0	17.8	17.7	1.46	1.75	0.825 B	1
2	0.308 B	1.68 B	1.50 B	2.38	18.4	21.4	22.1	17.7 A	17.7	1.44	1.76	0.825 B	2
3	0.302 B	1.66 B	1.57 B	4.89	18.4	26.9	20.9	17.7	17.5	1.55	1.74	0.800 B	3
4	0.304 B	1.26 B	1.54 B	10.9	18.3	34.4	20.1	17.5	16.8	1.82	1.76	0.800 B	4
5	0.318 B	0.844 B	1.72 B	12.4	18.1	35.2	19.8	17.4	15.2	2.05	1.77 B	0.850 B	5
6	0.332 B	0.634 B	1.45 B	13.1	18.1	36.5	19.6	17.4	13.9	2.34	1.70 B	0.950 B	6
7	0.342 B	0.943 B	1.42 B	13.8	18.4	47.0	19.3	17.6	11.9	2.25	1.67 B	1.00 B	7
8	0.325 B	0.946 B	1.92 B	14.5	18.9	63.1	18.9	17.7	9.57	2.31	1.61 B	1.05 B	8
9	0.310 B	0.957 B	2.18 B	14.5	19.2	47.0	17.9	17.7	7.67	2.94 A	1.40 B	1.10 B	9
10	0.270 B	1.06 B	1.75 B	14.9	19.3	36.5	16.3	18.5	7.87 A	2.97	1.50 B	1.19 B	10
11	0.287 B	0.916 B	1.91 B	16.4	19.4	29.5	15.2	18.7	11.0 A	2.60	2.00 B	1.14 B	11
12	0.262 B	1.06 B	1.94 B	17.4 A	19.5	25.6	15.0	18.8	11.9	2.33	1.81 B	1.09 B	12
13	0.204 B	1.09 B	1.78	17.7	19.5	25.0 A	14.6	18.9	11.3	2.12	1.49 B	1.08 B	13
14	0.129 B	1.15 B	1.67	18.9	19.4	27.9	14.3	18.4	8.19	1.92	1.30 B	1.06 B	14
15	0.095 B	1.09 B	1.67	18.9	19.5	23.9	14.8	17.7	5.74	1.85	1.13 B	1.02 B	15
16	0.092 B	1.06 B	1.57	18.6	19.5	23.0	16.0	17.7	4.20	1.75	1.62 B	1.07 B	16
17	0.154 B	1.08 B	1.38 B	19.0	20.1	24.4	16.7	18.0	3.29	1.70	1.92 B	1.10 B	17
18	0.294 B	1.00 B	1.20 B	19.3	19.7	24.7	16.6	18.1	2.77	1.71	1.96 B	1.10 B	18
19	0.226 B	1.00 B	1.38 B	19.3	19.3	25.6	16.3	18.3	2.39	1.74	2.00 B	1.10 B	19
20	0.345 B	1.01 B	1.40 B	19.3	19.7	24.2	16.6	17.9	2.08	1.76	1.82 B	1.19 B	20
21	1.00 B	1.04 B	1.51 B	19.0	19.7	22.7	17.6	17.6	1.87 A	1.78	1.35 B	1.16 B	21
22	1.50 B	1.10 B	1.36 B	18.8	19.3	21.5	18.0	17.5	1.82 A	1.77	1.30 B	1.16 B	22
23	1.40 B	1.11 B	1.20 B	18.7	18.8	20.6	18.0	17.6	1.67	1.76	1.25 B	1.08 B	23
24	1.24 B	1.18 B	1.50 B	18.2	18.5	20.1	18.1	18.7	1.55	1.77	1.16 B	1.28 B	24
25	1.05 B	1.26 B	2.00 B	18.1	18.5	20.3	18.0	20.9	1.50	1.83	1.10 B	1.99 B	25
26	0.824 B	1.31 B	1.80 B	18.2	18.3	20.7	18.2	19.7	1.44	1.84	1.00 B	2.44 B	26
27	0.958 B	1.32 B	1.58 B	17.7	18.1	21.5	18.0	18.6	1.42	1.88	0.938 B	2.25 B	27
28	1.64 B	1.35 B	1.75 B	17.6	18.1	26.8	17.8	18.6	1.42	1.89	0.900 B	2.15 B	28
29	1.34 B		1.79	17.7	17.9	32.3	17.6 A	18.2	1.42	1.86	0.875 B	2.10 B	29
30	1.36 B		1.62	17.8	17.9	26.1	17.5	17.9	1.40	1.80	0.850 B	1.89 B	30
31	1.33 B		1.73		17.8		17.7	17.6 A		1.77		2.14 B	31
TOTAL	18.861	31.700	50.28	470.08	583.8	852.9	551.5	562.4	214.18	60.56	44.433	39.980	TOTAL
MEAN	0.608	1.13	1.62	15.7	18.8	28.4	17.8	18.1	7.14	1.95	1.48	1.29	MEAN
DAM3	1630	2740	4340	40600	50400	73700	47600	48600	18500	5230	3840	3450	DAM3
MAX	1.64	1.68	2.18	19.3	20.1	63.1	24.0	20.9	17.7	2.97	2.00	2.44	MAX
MIN	0.092	0.634	1.20	2.11	17.8	18.5	14.3	17.4	1.40	1.44	0.850	0.800	MIN

SUMMARY FOR THE YEAR 2005
Total discharge, 301 000 DAM3
Mean discharge, 9.54 M3/S
Maximum daily discharge, 63.1 M3/S On 2005-06-08
Minimum daily discharge, 0.092 B M3/S On 2005-01-16
Max Inst discharge, 78.6 M3/S @ 16:15:00 MST On 2005-06-08
Min Inst discharge, not valid

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED

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
2005-11-23 11:12
CALGARY, ALTA.

VERDIGRIS COULEE NEAR THE MOUTH

STATION NO. 11AA038

CompuMod 1.7.3

MEAN DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 2005

DAY DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1	---	---	0.001 B	0.037	0.000	0.000	0.002	0.000	0.000	0.000	---	---	1
2	---	---	0.001 B	0.008	0.000	0.000	0.001	0.000	0.000	0.000	---	---	2
3	---	---	0.001 B	0.005	0.000	0.025	0.000	0.000	0.000	0.000	---	---	3
4	---	---	0.002 B	0.003	0.000	0.008	0.000	0.000	0.000	0.000	---	---	4
5	---	---	0.003 B	0.003	0.000	0.002 A	0.000	0.000	0.000	0.000	---	---	5
6	---	---	0.003 B	0.002	0.000	0.119	0.000	0.000	0.000	0.000	---	---	6
7	---	---	0.003 B	0.002	0.000	0.157	0.000	0.000	0.000	0.000	---	---	7
8	---	---	0.003 B	0.002	0.000	0.098	0.000	0.000	0.000	0.000	---	---	8
9	---	---	0.003 B	0.002	0.000	0.080	0.000	0.000	0.000	0.000	---	---	9
10	---	---	0.003 B	0.001	0.000	0.036	0.000	0.000	0.000	0.000	---	---	10
11	---	---	0.003 B	0.001 A	0.000	0.013	0.000	0.000	0.204 A	0.000	---	---	11
12	---	---	0.003 B	0.001 A	0.000	0.040	0.000	0.000	0.033	0.000	---	---	12
13	---	---	0.004 B	0.001	0.000	0.086	0.000	0.000	0.013	0.000	---	---	13
14	---	---	0.003 B	0.001	0.000	0.014 A	0.000	0.000	0.005	0.000	---	---	14
15	---	---	0.002 B	0.002	0.000	0.006	0.000	0.000	0.003	0.000	---	---	15
16	---	---	0.000 B	0.002	0.000	0.003	0.000	0.000	0.002	0.000	---	---	16
17	---	---	0.000 B	0.002	0.000	0.005	0.000	0.000	0.001	0.000	---	---	17
18	---	---	0.000 B	0.001	0.000	0.025	0.000	0.000	0.001	0.000	---	---	18
19	---	---	0.000 B	0.001	0.000	0.003	0.000	0.000	0.001	0.000	---	---	19
20	---	---	0.000 B	0.001	0.000	0.001	0.000	0.000	0.000	0.000	---	---	20
21	---	---	0.000 B	0.001	0.000	0.001	0.000	0.000	0.000	0.000	---	---	21
22	---	---	0.000 B	0.001	0.000	0.001 A	0.000	0.000	0.000	0.000	---	---	22
23	---	---	0.000 B	0.001	0.000	0.000	0.000	0.000	0.000	0.000	---	---	23
24	---	---	0.001 B	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	24
25	---	---	0.002 B	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	25
26	---	---	0.003 B	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	26
27	---	---	0.005 B	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	27
28	---	---	0.006 B	0.000	0.000	0.046	0.000	0.000	0.000	0.000	---	---	28
29	---		0.007	0.000	0.000	0.010	0.000	0.000	0.000	0.000	---	---	29
30	---		0.004	0.000	0.000	0.003	0.000	0.000	0.000	0.000	---	---	30
31	---		0.029		0.000		0.000	0.000		0.000		---	31
TOTAL			0.095	0.081	0.000	0.782	0.003	0.000	0.263	0.000			TOTAL
MEAN			0.003	0.003	0.000	0.026	0.000	0.000	0.009	0.000			MEAN
DAM3			8.21	7.00	0.000	67.6	0.259	0.000	22.7	0.000			DAM3
MAX			0.029	0.037	0.000	0.157	0.002	0.000	0.204	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
Total Discharge: 106 DAM3
Maximum daily discharge, 0.204 A M3/S On 2005-09-11
Minimum daily discharge, 0.000 M3/S On 2005-03-16
Max Inst discharge, 0.478 A M3/S @ 09:15:00 MST On 2005-09-11
Min Inst discharge, 0.000 B M3/S @ 00:00:00 MST On 2005-02-25

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
HQ #5.00: 2005-03-01 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 17th day of February, 2006.

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
2006-01-10 10:13
REGINA, SASK.

LODGE CREEK BELOW MCRAE CREEK AT INTERNATIONAL BOUNDARY

STATION NO. 11AB083

CompuMod 1.7.3

DAILY MEAN DISCHARGE IN CUBIC METRES PER SECOND FOR 2005

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.006	0.009	0.000	0.000	0.080	0.000	0.000	0.000	0.000	---	1
2	---	---	0.007	0.007	0.000	0.000	0.060	0.000	0.000	0.000	0.000	---	2
3	---	---	0.007	0.006	0.000	0.000	0.046	0.000	0.000	0.000	0.000	---	3
4	---	---	0.007	0.006	0.000	0.003	0.031	0.000	0.000	0.000	---	---	4
5	---	---	0.008	0.006	0.000	0.044	0.024	0.000	0.000	0.000	---	---	5
6	---	---	0.010	0.006	0.000	0.043	0.018	0.000	0.000	0.000	---	---	6
7	---	---	0.016	0.042	0.000	1.70	0.012	0.000	0.000	0.000	---	---	7
8	---	---	0.018	0.054	0.000	3.37	0.008	0.000	0.000	0.000	---	---	8
9	---	---	0.019	0.040	0.000	2.77	0.006	0.000	0.000	0.000	---	---	9
10	---	---	0.022	0.033	0.000	2.02	0.004	0.000	0.000	0.000	---	---	10
11	---	---	0.023	0.025	0.000	1.89	0.003	0.000	0.000	0.000	---	---	11
12	---	---	0.025	0.019	0.000	1.97	0.002	0.000	0.000	0.000	---	---	12
13	---	---	0.020	0.015	0.000	1.74	0.002	0.000	0.000	0.000	---	---	13
14	---	---	0.021	0.015	0.000	1.69	0.001	0.000	0.000	0.000	---	---	14
15	---	---	0.022	0.014	0.000	1.93	0.001	0.000	0.000	0.000	---	---	15
16	---	---	0.027	0.011	0.000	2.03	0.001	0.000	0.000	0.000	---	---	16
17	---	---	0.028	0.010	0.000	1.91	0.000	0.000	0.000	0.000	---	---	17
18	---	---	0.028	0.010	0.000	1.76	0.000	0.000	0.000	0.000	---	---	18
19	---	---	0.027	0.008	0.000	1.59	0.000	0.000	0.000	0.000	---	---	19
20	---	---	0.026	0.006	0.000	1.54	0.000	0.000	0.000	0.000	---	---	20
21	---	---	0.024	0.005	0.000	1.55	0.000	0.000	0.000	0.000	---	---	21
22	---	---	0.022	0.004	0.000	1.53	0.000	0.000	0.000	0.000	---	---	22
23	---	---	0.024	0.003	0.000	1.51	0.000	0.000	0.000	0.000	---	---	23
24	---	---	0.021	0.002	0.000	1.47	0.000	0.000	0.000	0.000	---	---	24
25	---	---	0.017	0.002	0.000	1.45	0.000	0.000	0.000	0.000	---	---	25
26	---	---	0.015	0.001	0.000	0.789	0.000	0.000	0.000	0.000	---	---	26
27	---	0.004	0.015	0.001	0.000	0.350	0.000	0.000	0.000	0.000	---	---	27
28	---	0.004	0.015	0.001	0.000	0.203	0.000	0.000	0.000	0.000	---	---	28
29	---		0.014	0.001	0.000	0.138	0.000	0.000	0.000	0.000	---	---	29
30	---		0.013	0.000	0.000	0.103	0.000	0.000	0.000	0.000	---	---	30
31	---		0.010		0.000		0.000	0.000		0.000		---	31
TOTAL			0.557	0.362	0.000	37.093	0.299	0.000	0.000	0.000			TOTAL
MEAN			0.018	0.012	0.000	1.24	0.010	0.000	0.000	0.000			MEAN
DAM3			48.1	31.3	0.000	3200	25.8	0.000	0.000	0.000			DAM3
MAX			0.028	0.054	0.000	3.37	0.080	0.000	0.000	0.000			MAX
MIN			0.006	0.000	0.000	0.000	0.000	0.000	0.000	0.000			MIN

SUMMARY FOR THE YEAR:
Maximum daily discharge, 3.37 M3/S On 2005-06-08
Minimum daily discharge, 0.000 M3/S On 2005-04-30
Max Inst discharge, 3.56 M3/S @ 18:00:00 CST On 2005-06-07
Min Inst discharge, 0.000 M3/S @ 00:00:00 CST On 2005-04-30

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
2005

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	304.730	2412	0	0	938	974	36
2	304.797	2452	0	0	974	987	13
3	304.877	2478	0	0	987	1005	18
4	304.857	2489	0.026	6	1005	1001	-4
5	304.809	2477	0.051	13	1001	990	-11
6	304.771	2461	0.043	11	990	983	-7
7	304.861	2471	-0.064	-16	983	1003	20
8	304.819	2479	0.033	8	1003	992	-11
9	304.771	2463	0.038	9	992	983	-9
10	304.670	2436	0.085	21	983	960	-23
11	304.606	2406	0.071	17	960	945	-15
12	303.730	2238	0.053	12	945	750	-195
13	301.686	1726	0.039	7	750	383	-367
14	299.650	1106	0.031	3	383	165	-218
15	299.060	716	0.018	1	165	124	-41
16	299.022	632	-0.025	-2	124	122	-2

EVAPORATION STATION IS ALTAWAN, PRECIPITATION STATION IS EAGLE BUTTE

STORAGE FACTORS AND EVAPORATION LOSSES
2005

GREASEWOOD RESERVOIR 11AB092

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	29.434	418	0	0	66	89	23
2	29.579	480	0	0	89	96	7
3	30.160	547	0	0	96	139	43
4	30.142	606	0.026	2	139	137	-2
5	30.135	603	0.051	3	137	137	0
6	30.113	600	0.043	3	137	133	-4
7	30.184	605	-0.064	-4	133	142	9
8	30.148	609	0.033	2	142	138	-4
9	29.753	563	0.038	2	138	105	-33
10	29.659	516	0.085	4	105	100	-5
11	29.562	498	0.071	4	100	95	-5
12	26.811	279	0.053	1	95	16	-79
13	26.114	112	0.039	0	16	8	-8
14	26.266	95	0.031	0	8	9	1
15	26.438	105	0.018	0	9	11	2
16	26.696	120	-0.025	0	11	14	3

EVAPORATION STATION IS ALTAWAN, PRECIPITATION STATION IS EAGLE BUTTE

STORAGE FACTORS AND EVAPORATION LOSSES
2005

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	28.919	1097	0	0	184	225	41
2	28.875	1266	0	0	225	221	-4
3	28.923	1268	0.000	0	221	225	4
4	28.908	1287	0.026	3	225	224	-1
5	28.851	1247	0.051	6	224	218	-6
6	28.788	1188	0.043	5	218	212	-6
7	28.959	1241	-0.064	-8	212	229	17
8	28.910	1308	0.033	4	229	224	-5
9	28.837	1241	0.038	5	224	217	-7
10	28.468	1055	0.085	9	217	180	-37
11	27.397	834	0.071	6	180	90	-90
12	28.298	823	0.053	4	90	164	74
13	28.351	901	0.039	4	164	168	4
14	28.302	902	0.031	3	168	164	-4
15	28.273	895	0.018	2	164	161	-3
16	28.275	892	-0.025	-2	161	162	1

EVAPORATION STATION IS ALTAWAN, PRECIPITATION STATION IS EAGLE BUTTE
STAGE-CAPACITY TABLE EXTENDED FROM 29.260m (262 dam^3) TO 29.300m (270 dam^3)
STAGE-AREA TABLE EXTENDED FROM 28.950m (1326 dam^2) to 29.300m (1711 dam^2)

STORAGE FACTORS AND EVAPORATION LOSSES
2005

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	1132.789	2010	0	0	524	549	25
2	1132.824	2063	0	0	549	553	4
3	1134.218	2391	0	0	553	869	316
4	1134.266	2745	0.026	7	869	881	12
5	1134.214	2744	0.051	14	881	868	-13
6	1134.156	2717	0.043	12	868	853	-15
7	1134.416	2767	-0.064	-18	853	919	66
8	1134.827	2932	0.033	10	919	1044	125
9	1134.785	3063	0.038	12	1044	1029	-15
10	1134.686	3013	0.085	26	1029	995	-34
11	1134.614	2953	0.071	21	995	970	-25
12	1134.570	2917	0.053	15	970	959	-11
13	1134.515	2893	0.039	11	959	945	-14
14	1134.475	2870	0.031	9	945	934	-11
15	1134.445	2852	0.018	5	934	927	-7
16	1134.448	2846	-0.025	-7	927	928	1

EVAPORATION STATION IS ALTAWAN, PRECIPITATION STATION IS EAGLE BUTTE

STORAGE FACTORS AND EVAPORATION LOSSES
2005

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	963.564	4333	0	0	464	480	16
2	963.628	4536	0	0	480	510	30
3	963.610	4628	0	0	510	502	-8
4	963.548	4469	0.040	18	502	473	-29
5	963.482	4214	0.059	25	473	447	-26
6	963.400	3936	0.070	28	447	414	-33
7	963.748	4449	-0.052	-23	414	568	154
8	963.910	5614	0.053	30	568	664	96
9	963.827	5825	0.077	45	664	615	-49
10	963.711	5300	0.104	55	615	550	-65
11	963.628	4838	0.073	36	550	510	-40
12	963.567	4542	0.067	30	510	481	-29
13	963.001	3427	0.053	18	481	285	-196
14	961.829	1656	0.044	7	285	84	-201
15	961.409	864	0.008	1	84	48	-36
16	961.408	714	0.010	1	48	48	0

EVAPORATION STATION IS ALTAWAN

STORAGE FACTORS AND EVAPORATION LOSSES
2005

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	33.501	2797	0	0	286	301	15
2	33.546	2886	0	0	301	314	13
3	33.899	3229	-0.003	-1	314	431	117
4	33.923	3555	0.031	11	431	438	7
5	33.851	3513	0.052	18	438	412	-26
6	33.753	3366	0.053	18	412	380	-32
7	33.849	3365	-0.083	-28	380	412	32
8	33.783	3391	0.035	12	412	390	-22
9	33.688	3252	0.056	18	390	359	-31
10	33.547	3049	0.084	26	359	314	-45
11	33.448	2842	0.064	18	314	287	-27
12	33.382	2699	0.059	16	287	271	-16
13	33.320	2588	0.035	9	271	254	-17
14	33.268	2490	0.034	9	254	241	-13
15	33.164	2355	0.015	4	241	217	-24
16	33.168	2269	-0.025	-6	217	218	1

EVAPORATION STATION IS ALTAWAN, PRECIPITATION STATION IS EAGLE BUTTE

STORAGE FACTORS AND EVAPORATION LOSSES
2005

JAYDOT RESERVOIR 11AB098

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	916.200	31	0	0	1	1	0
2	916.200	31	0	0	1	1	0
3	916.200	31	0	0	1	1	0
4	916.200	31	0.043	0	1	1	0
5	916.200	31	0.060	0	1	1	0
6	916.200	31	0.072	0	1	1	0
7	916.200	31	-0.055	0	1	1	0
8	916.200	31	0.055	0	1	1	0
9	916.200	31	0.080	0	1	1	0
10	916.200	31	0.103	0	1	1	0
11	916.200	31	0.071	0	1	1	0
12	916.200	31	0.070	0	1	1	0
13	916.200	31	0.047	0	1	1	0
14	916.200	31	0.045	0	1	1	0
15	916.200	31	0.006	0	1	1	0
16	916.200	31	0.010	0	1	1	0

EVAPORATION STATION IS ALTAWAN
2005 RESERVOIR WATER LEVELS OF 916.200 M REFLECT THE NEAR EMPTY CONDITION.

WATER SURVEY OF CANADA
2005-12-16 15:41
REGINA, SASK.

MIDDLE CREEK NEAR SASKATCHEWAN BOUNDARY

STATION NO. 11AB009

CompuMod 1.7.3

MEAN DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 2005

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.011 B	0.468 B	0.010	0.007	0.009	0.001	0.002	0.002	0.002 A	---	1
2	---	---	0.017 B	0.398	0.010	0.009	0.009	0.001	0.002	0.002	---	---	2
3	---	---	0.022 B	0.623	0.010	0.010	0.008	0.001	0.002	0.002	---	---	3
4	---	---	0.021 B	0.485	0.010	0.010	0.007	0.001	0.002	0.002	---	---	4
5	---	---	0.023 B	0.373	0.009	0.010	0.007	0.001	0.002	0.002	---	---	5
6	---	---	0.030 B	0.470	0.010	0.014	0.007	0.001	0.002	0.001	---	---	6
7	---	---	0.020 B	0.358	0.010	0.038	0.007	0.001	0.003	0.001	---	---	7
8	---	---	0.015 B	0.175	0.010	0.016	0.007	0.001	0.003	0.001	---	---	8
9	---	---	0.082 B	0.121	0.009	0.015	0.006	0.001	0.002	0.001	---	---	9
10	---	---	0.071 B	0.104	0.008	0.027	0.005	0.002	0.003	0.001	---	---	10
11	---	---	0.058 B	0.151	0.008	0.095	0.005	0.002	0.003	0.001	---	---	11
12	---	---	0.059 B	0.064	0.008	0.070	0.004	0.001	0.003	0.001	---	---	12
13	---	---	0.069 B	0.038	0.008	0.065	0.004	0.001	0.003	0.002	---	---	13
14	---	---	0.058 B	0.030	0.008	0.043	0.004	0.001	0.002	0.002	---	---	14
15	---	---	0.044 B	0.024	0.008	0.149	0.003	0.002	0.002	0.002	---	---	15
16	---	---	0.033 B	0.040	0.009	0.113	0.003	0.002	0.002	0.002	---	---	16
17	---	---	0.027 B	0.053	0.010	0.064	0.003	0.002	0.002	0.002	---	---	17
18	---	---	0.022 B	0.082	0.008	0.041	0.003	0.002	0.002	0.002	---	---	18
19	---	---	0.020 B	0.149	0.008	0.028	0.003	0.002	0.002	0.002	---	---	19
20	---	---	0.018 B	0.065	0.007	0.021	0.002	0.002	0.002	0.006	---	---	20
21	---	---	0.018 B	0.040	0.007	0.017	0.003	0.002	0.002	0.004	---	---	21
22	---	---	0.017 B	0.026	0.006	0.014	0.003	0.002	0.002	0.003	---	---	22
23	---	---	0.015 B	0.018	0.006	0.013	0.002	0.002	0.002	0.003	---	---	23
24	---	---	0.015 B	0.014	0.006	0.012	0.002	0.003	0.002	0.003	---	---	24
25	---	---	0.014 B	0.013	0.006	0.011	0.002	0.005	0.002	0.003	---	---	25
26	---	0.005 B	0.015 B	0.011	0.007	0.011	0.002	0.006	0.002	0.002	---	---	26
27	0.250 B	0.005 B	0.023 B	0.010	0.007	0.010	0.001	0.006	0.001	0.003	---	---	27
28	---	0.008 B	0.041 B	0.010	0.008	0.012	0.001	0.003	0.001	0.003	---	---	28
29	---		0.080 B	0.010	0.007	0.011	0.001	0.002	0.002	0.002	---	---	29
30	---		0.674 B	0.009	0.006	0.010	0.001	0.001	0.002	0.002	---	---	30
31	---		0.664 B		0.006		0.001	0.002		0.002		---	31
TOTAL			2.296	4.432	0.250	0.966	0.125	0.062	0.064	0.067			TOTAL
MEAN			0.074	0.148	0.008	0.032	0.004	0.002	0.002	0.002			MEAN
DAM3			198	383	21.6	83.5	10.8	5.36	5.53	5.79			DAM3
MAX			0.674	0.623	0.010	0.149	0.009	0.006	0.003	0.006			MAX
MIN			0.011	0.009	0.006	0.007	0.001	0.001	0.001	0.001			MIN

SUMMARY FOR THE YEAR:
Maximum daily discharge, 0.674 M3/S On 2005-03-30
Minimum daily discharge, 0.001 M3/S On 2005-07-27
Max Inst discharge, 1.12 B M3/S @ 18:20:02 CST On 2005-03-30
Min Inst discharge, 0.001 M3/S @ 19:05:05 CST On 2005-07-31

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
2005-12-19 09:16
REGINA, SASK.

MIDDLE CREEK RESERVOIR BEDFORD OUTLET

STATION NO. 11AB114

CompuMod 1.7.3

MEAN DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 2005

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 2005-02-26
Minimum daily discharge, 0.000 M3/S On 2005-02-26
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
2005-12-19 10:46
REGINA, SASK.

MIDDLE CREEK RESERVOIR FLOOD SPILLWAY

STATION NO. 11AB115

CompuMod 1.7.3

MEAN DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 2005

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 2005-02-26
Minimum daily discharge, 0.000 M3/S On 2005-02-26
Max Inst discharge, not valid
Min Inst discharge, not valid

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
2006-01-26 08:45
REGINA, SASK.

MIDDLE CREEK BELOW MIDDLE CREEK RESERVOIR

STATION NO. 11AB001

CompuMod 1.7.3

MEAN DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 2005

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000 A	---	1
2	---	---	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	2
3	---	---	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	3
4	---	---	0.015	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	4
5	---	---	0.025	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	5
6	---	---	0.043	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	6
7	---	---	0.019	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	7
8	---	---	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	8
9	---	---	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	9
10	---	---	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	10
11	---	---	0.008	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	11
12	---	---	0.021	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	12
13	---	---	0.004	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	13
14	---	---	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	14
15	---	---	0.001	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 B	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	26
27	---	0.000 B	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	27
28	---	0.000	0.013	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	28
29	---		0.031	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	29
30	---		0.011	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	30
31	---		0.003		0.000		0.000	0.000		0.000		---	31
TOTAL			0.223	0.001	0.000	0.000	0.000	0.000	0.000	0.000			TOTAL
MEAN			0.007	0.000	0.000	0.000	0.000	0.000	0.000	0.000			MEAN
DAM3			19.3	0.086	0.000	0.000	0.000	0.000	0.000	0.000			DAM3
MAX			0.043	0.001	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, , 0.043 M3/S On 2005-03-06
Minimum daily discharge, 0.000 B M3/S On 2005-02-26
Max Inst discharge, 0.086 M3/S @ 22:58:55 CST On 2005-03-28
Min Inst discharge, 0.000 B M3/S @ 00:00:00 CST On 2005-02-26

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
2006-01-27 13:42
REGINA, SASK.

MIDDLE CREEK ABOVE LODGE CREEK

STATION NO. 11AB008

CompuMod 1.7.3

MEAN DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 2005

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.014 B	0.012 B	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	1
2	---	---	0.016 B	0.034	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	2
3	---	0.241 B	0.016 B	0.037	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	3
4	---	---	0.018 B	0.146	0.000	0.000	0.000	0.000	0.000	0.000	---	---	4
5	---	---	0.018 B	0.042	0.000	0.000	0.000	0.000	0.000	0.000	---	---	5
6	---	---	0.023 B	0.027	0.000	0.005	0.006	0.000	0.000	0.000	---	---	6
7	---	---	0.022 B	0.018	0.000	0.084	0.012	0.000	0.000	0.000	---	---	7
8	---	---	0.020 B	0.020	0.000	0.045	0.012	0.000	0.000	0.000	---	---	8
9	---	---	0.024 B	0.021	0.000	0.042	0.018	0.000	0.000	0.000	---	---	9
10	---	---	0.024 B	0.015	0.000	0.033	0.025	0.000	0.000	0.000	---	---	10
11	---	---	0.028 B	0.008	0.000	0.014	0.010	0.000	0.000	0.000	---	---	11
12	---	---	0.033 B	0.005	0.000	0.006	0.014	0.000	0.000	0.000	---	---	12
13	---	---	0.022 B	0.004	0.000	0.024 A	0.006	0.000	0.000	0.000	---	---	13
14	---	---	0.016 B	0.004	0.000	0.031 A	0.002	0.000	0.000	0.000	---	---	14
15	---	---	0.017 B	0.004	0.000	0.015 A	0.001	0.000	0.000	0.000	---	---	15
16	---	---	0.014 B	0.003	0.000	0.008	0.001	0.000	0.000	0.000	---	---	16
17	---	---	0.012 B	0.002	0.000	0.007	0.001	0.000	0.000	0.000	---	---	17
18	---	---	0.010 B	0.002	0.000	0.005	0.000	0.000	0.000	0.000	---	---	18
19	---	---	0.006 B	0.001	0.000	0.003	0.000	0.000	0.000	0.000	---	---	19
20	---	---	0.005 B	0.001	0.000	0.002	0.000	0.000	0.000	0.000	---	---	20
21	---	---	0.006 B	0.001	0.000	0.001	0.000	0.000	0.000	0.000	---	---	21
22	---	---	0.005 B	0.001	0.000	0.001	0.000	0.000	0.000	0.000	---	---	22
23	---	---	0.004 B	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	23
24	---	---	0.004 B	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	24
25	---	---	0.002 B	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	25
26	---	---	0.002 B	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	26
27	---	0.011 B	0.001 B	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	27
28	---	0.012 B	0.001 B	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	28
29	---		0.002 B	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	29
30	---		0.005 B	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	30
31	---		0.008 B		0.000		0.000	0.000		0.000		---	31
TOTAL			0.398	0.408	0.000	0.326	0.108	0.000	0.000	0.000			TOTAL
MEAN			0.013	0.014	0.000	0.011	0.003	0.000	0.000	0.000			MEAN
DAM3			34.4	35.3	0.000	28.2	9.33	0.000	0.000	0.000			DAM3
MAX			0.033	0.146	0.000	0.084	0.025	0.000	0.000	0.000			MAX
MIN			0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000			MIN

A - MANUAL GAUGE B - ICE CONDITIONS E - ESTIMATED D - DRY
HQ #11.00: 1997-02-20 to open shift corr

SUMMARY FOR THE YEAR:
Maximum daily discharge, not valid
Minimum daily discharge, 0.000 M3/S On 2005-04-23
Max Inst discharge, not valid
Min Inst discharge, 0.000 B M3/S @ 00:00:00 CST On 2005-02-23
REMARKS, 2005 MAXIMUM EXTREMES OCCURRED OUTSIDE OF STANDARD PERIOD, NOT DETERMINED

APPROVED BY THE FIELD REPRESENTATIVES OF CANADA AND THE UNITED STATES

WATER SURVEY OF CANADA
2006-01-26 13:57
REGINA, SASK.

MIDDLE CREEK NEAR GOVENLOCK

STATION NO. 11AB108

CompuMod 1.7.3

MEAN DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 2005

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0.212 B	0.010 B	0.028	0.035	0.001	0.004	0.000	0.000	0.000	0.000	---	1
2	---	0.212 B	0.011 B	0.031	0.034	0.001	0.004	0.000	0.000	0.000	---	---	2
3	---	0.176 B	0.022 B	0.028	0.034	0.002	0.004	0.000	0.000	0.000	---	---	3
4	---	0.165 B	0.041 B	0.066	0.035	0.006	0.003	0.000	0.000	0.000	---	---	4
5	---	0.110 B	0.044 B	0.052	0.035	0.009	0.003	0.000	0.000	0.000	---	---	5
6	---	0.045 B	0.054 B	0.112	0.032	0.014	0.003	0.000	0.000	0.000	---	---	6
7	---	0.014 B	0.033 B	0.055	0.031	0.033	0.002	0.000	0.000	0.000	---	---	7
8	---	0.006 B	0.052 B	0.104	0.030	0.041	0.001	0.000	0.000	0.000	---	---	8
9	---	0.001 B	0.071 B	0.152	0.029	0.026	0.001	0.000	0.000	0.000	---	---	9
10	---	0.001 B	0.103 B	0.121	0.027	0.022	0.000	0.000	0.000	0.000	---	---	10
11	---	0.002 B	0.100 B	0.078	0.024	0.021	0.000	0.000	0.000	0.000	---	---	11
12	---	0.003 B	0.065 B	0.067	0.024	0.017	0.000	0.000	0.000	0.000	---	---	12
13	---	0.003 B	0.037 B	0.064	0.024	0.020	0.000	0.000	0.000	0.000	---	---	13
14	---	0.003 B	0.031 B	0.064	0.020	0.067	0.000	0.000	0.000	0.000	---	---	14
15	---	0.002 B	0.023 B	0.063	0.021	0.069	0.000	0.000	0.000	0.000	---	---	15
16	---	0.001 B	0.023 B	0.062	0.020	0.042	0.000	0.000	0.000	0.000	---	---	16
17	---	0.001 B	0.019 B	0.062	0.021	0.032	0.000	0.000	0.000	0.000	---	---	17
18	---	0.001 B	0.014 B	0.058	0.016	0.023	0.000	0.000	0.000	0.000	---	---	18
19	---	0.001 B	0.011 B	0.051	0.012	0.017	0.000	0.000	0.000	0.000	---	---	19
20	---	0.001 B	0.011 B	0.047	0.009	0.012	0.000	0.000	0.000	0.000	---	---	20
21	---	0.002 B	0.013 B	0.047	0.010	0.011	0.000	0.000	0.000	0.000	---	---	21
22	0.000 B	0.002 B	0.018 B	0.083	0.006	0.011	0.000	0.000	0.000	0.000	---	---	22
23	0.005 B	0.001 B	0.013 B	0.076	0.006	0.009	0.000	0.000	0.000	0.000	---	---	23
24	0.020 B	0.003 B	0.016 B	0.063	0.004	0.006	0.000	0.000	0.000	0.000	---	---	24
25	0.060 B	0.004 B	0.017 B	0.051	0.004	0.004	0.000	0.000	0.000	0.000	---	---	25
26	0.210 B	0.006 B	0.028 B	0.044	0.002	0.004	0.000	0.000	0.000	0.000	---	---	26
27	0.200 B	0.006 B	0.036	0.040	0.001	0.003	0.000	0.000	0.000	0.000	---	---	27
28	0.217 B	0.007 B	0.032	0.037	0.001	0.003	0.000	0.000	0.000	0.000	---	---	28
29	0.213 B		0.031	0.036	0.001	0.003	0.000	0.000	0.000	0.000	---	---	29
30	0.240 B		0.031	0.036	0.001	0.003	0.000	0.000	0.000	0.000	---	---	30
31	0.218 B		0.027		0.001		0.000	0.000		0.000		---	31
TOTAL		0.991	1.037	1.878	0.550	0.532	0.025	0.000	0.000	0.000			TOTAL
MEAN		0.035	0.033	0.063	0.018	0.018	0.001	0.000	0.000	0.000			MEAN
DAM3		85.6	89.6	162	47.5	46.0	2.16	0.000	0.000	0.000			DAM3
MAX		0.212	0.103	0.152	0.035	0.069	0.004	0.000	0.000	0.000			MAX
MIN		0.001	0.010	0.028	0.001	0.001	0.000	0.000	0.000	0.000			MIN

SUMMARY FOR THE YEAR:
Maximum daily discharge, not valid
Minimum daily discharge, 0.000 B M3/S On 2005-01-22
Max Inst discharge, not valid
Min Inst discharge, 0.000 B M3/S @ 00:00:00 CST On 2005-01-22

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

DAY	MARCH					APRIL					MAY					JUNE					DAY
	ALTAWAN			EAGLE		ALTAWAN			EAGLE BUTTE		ALTAWAN			EAGLE BUTTE		ALTAWAN			EAGLE BUTTE		
	EVAP	PREC	N. EVAP	PREC	N. EVAP	EVAP	PREC	NET EVAP	PREC	NET EVAP	EVAP	PREC	NET EVAP	PREC	NET EVAP	EVAP	PREC	NET EVAP	PREC	NET EVAP	
1	Frozen					Frozen					4.1					8.0			24.6		1
2	Frozen					Frozen					4.1					-15.2	17.4		30.2		2
3	Frozen					Frozen					4.0		0.053 [5]			0.0	1.8	0.053 [5]	7.4		3
4	Frozen					Frozen					6.5					2.2	2.6		1.6		4
5	Frozen					Frozen					7.8					-10.6	16.8		2.8		5
6	Frozen					Frozen					5.0	2.2				-22.8	26.2		32.2		6
7	Frozen					Frozen					6.1					2.0			0.6		7
8	Frozen					Frozen					9.8					0.0	5.0		1.6		8
9	Frozen					Frozen					6.2					0.0	3.4		8.0		9
10	Frozen					Frozen					6.9					0.0	3.4		0.2		10
11	Frozen					Frozen		0.000		0.000 [1]	6.9				0.051 [1]	4.4	1.6	-0.025	0.0	-0.064 [1]	11
12	Frozen					Frozen		0.000 [2]	3.0	-0.003 [3]	5.6		0.059 [2]		0.052 [3]	-19.0	27.0	-0.052 [2]	19.0	-0.083 [3]	12
13	Frozen					Frozen		0.000 [4]	2.0		5.6		0.060 [4]			4.0		-0.055 [4]	1.0		13
14	Frozen					Frozen			0.4		5.6					4.0	3.0		1.8		14
15	Frozen					Frozen					7.0					3.5	5.0		0.4		15
16	Frozen					Frozen					0.0	7.0		14.6		3.5			4.0		16
17	Frozen					0					2.4	2.1		2.8		5.2			3.6		17
18	Frozen					F		0.004 [5]			7.2		[5]	0.0		9.0		-0.038 [5]	0.0		18
19	Frozen					5.5					7.2		0.064	0.0		8.6			0.0		19
20	Frozen					5.5					7.2	2.0		0.8		7.2			0.0		20
21	Frozen					5.5					9.6			0.0		8.0			T		21
22	Frozen					5.5					9.8			0.4		11.0			0.4		22
23	Frozen					5.6					9.0			0.2		8.2					23
24	Frozen					6.6					3.4	1.8		7.2		5.7					24
25	Frozen					6.6					7.6			0.4		5.6					25
26	Frozen					9.0			0.4	0.026 [1]	8.0					5.7				0.033 [1]	26
27	Frozen					8.4		0.040 [2]		0.031 [3]	8.2				0.043 [1]	-4.8	12.5	0.053 [2]	16.6	0.035 [3]	27
28	Frozen					7.2		0.043 [4]			8.0		0.070 [2]		0.053 [3]	7.0		0.055 [4]	3.2		28
29	Frozen					6.8					8.4		0.072 [4]			4.8			3.8		29
30	Frozen					10.0					6.5					4.8			0.0		30
31	Frozen										6.5										31
	ALL UNDER ICE; NO EVAPORATATION					69.4	0.0		5.8		193.7	15.1		26.4		50.0	125.7		163.0		

[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

APPROVED BY THE FIELD REPRESENTATIVES OF CANADA AND THE UNITED STATES

DAY	JULY					AUGUST					SEPTEMBER					OCTOBER					DAY
	ALTAWAN			EAGLE BUTTE		ALTAWAN			EAGLE BUTTE		ALTAWAN			EAGLE BUTTE		ALTAWAN			EAGLE BUTTE		
	EVAP	PRE	NET EVAP	PRE	NET EVAP	EVAP	PREC	NET EVAP	PREC	NET EVAP	EVAP	PREC	NET EVAP	PREC	NET EVAP	EVAP	PREC	NET EVAP	PREC	NET EVAP	
1	8.2					8.2					6.8					5.8			0.4		1
2	7.0	2.3		8.6		9.6					7.1					-4.6	8.2				2
3	7.0		0.061 [5]			9.6		0.090 [5]			5.7		0.061 [5]			1.8		0.031 [5]			3
4	7.2					9.6					5.8					1.2					4
5	7.2					9.6					5.7					Frozen					5
6	9.2					10.8					7					Frozen					6
7	9.2					12.2					7.4					Frozen	6.6				7
8	7.2	5.0				2.4	6.1		0.0		7.8					Frozen					8
9	7.2					2.4	4.4		4.0		4.2			1.2		Frozen					9
10	7.2					-6.0	11.0		5.0		0	4.2		11.4		Frozen					10
11	9.0				0.038 [1]	6.0			3.0	0.071 [1]	1	0.7	0.058	3.6	0.039 [1]	7.0		0.012		0.018 [1]	11
12	10.8		0.077 [2]		0.056 [3]	6.0		0.076 [2]	4.6	0.064 [3]	1	0.7	0.053 [2]	0.6	0.035 [3]	1.0		0.008 [2]		0.015 [3]	12
13	11.8		0.080 [4]			6.2		0.073 [4]			3.7		0.047 [4]			1.0		0.006 [4]			13
14	13.6					6.2					4.8			0.6		Frozen					14
15	13.6					9.8					4.8			1.6		Frozen					15
16	14.4			1.4		7.2					4.8			0.6		Frozen			2.8		16
17	9.0			2.6		5.6			1.0		2.9			0.4		Frozen	2.2		11.2		17
18	9.6			0.2		5.6					3		0.043 [5]			Frozen			0.6		18
19	10.2		0.108 [5]			5.7		0.071 [5]			2.9					Frozen		0.005 [5]	1.6		19
20	7.7					5.6					7					Frozen	3.1		0.6		20
21	7.7					9.1					7					Frozen					21
22	7.8					9.9					5					Frozen					22
23	7.7					-7.0	12.8		4.0		4.8					Frozen					23
24	7.7					6.4			4.0		4.8			0.4		Frozen					24
25	4.8			0.8		6.4					0.9					Frozen		-0.001			25
26	7.2					8.4					0.9		0.041		0.031 [1]	Frozen			13.2		26
27	7.4				0.085 [1]	7.4				0.053 [1]	5.9		0.044 [2]		0.034 [3]	14.0		0.013	8.2	-0.025 [1]	27
28	9.0		0.104 [2]		0.084 [3]	8.0		0.067 [2]		0.059 [3]	5.9	4.0	0.045 [4]			1.0		0.010 [2]		-0.025 [3]	28
29	9.8		0.103 [4]			11.8		0.070 [4]			0.8					1.0		0.010 [4]			29
30	12.0					0.4	1.6				0.8			7.2		Frozen					30
31	12.0					7.2										Frozen					31
	279.4	7.3		13.6		200.3	35.9		25.6	0.2	130.2	9.6		27.6		29.2	20.1		38.6		

[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

Pan Frozen after October 5, shut down after the 7th, Remainder of period estimated.

STORAGE FACTORS AND EVAPORATION LOSSES
2005

ALTAWAN RESERVOIR 11AB089

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	898.469	15213	0.000	0	4478	4556	78
2	898.562	15356	0.000	0	4556	4698	142
3	899.534	16506	0.000	0	4698	6298	1600
4	899.639	17358	0.043	74	6298	6480	182
5	899.636	17436	0.060	105	6480	6475	-5
6	898.639	16674	0.072	120	6475	4818	-1657
7	898.411	15378	-0.055	-85	4818	4467	-351
8	899.037	15810	0.055	87	4467	5458	991
9	898.990	16437	0.080	132	5458	5381	-77
10	898.870	16263	0.103	168	5381	5186	-195
11	898.334	15554	0.071	110	5186	4352	-834
12	898.267	14881	0.070	105	4352	4253	-99
13	898.204	14674	0.047	70	4253	4159	-94
14	898.154	14476	0.045	65	4159	4088	-71
15	898.123	14314	0.006	8	4088	4043	-45
16	898.101	14208	0.010	14	4043	4011	-32

EVAPORATION STATION IS ALTAWAN

WATER SURVEY OF CANADA
2006-01-24 10:46
REGINA, SASK.

SPANGLER DITCH NEAR GOVENLOCK

STATION NO. 11AB060

CompuMod 1.7.3

MEAN DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 2005

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.000	0.000	0.000	0.428	0.000	0.000	0.000	0.000	---	---	1
2	---	---	0.000	0.000	0.000	0.600	0.000	0.463	0.000	0.000	---	---	2
3	---	---	0.000	0.000	0.000	0.407	0.000	0.774	0.000	0.000	---	---	3
4	---	---	0.000	0.000	0.000	0.116	0.000	0.767	0.000	0.000	---	---	4
5	---	---	0.000	0.000	0.000	0.009	0.000	0.748	0.000	0.000	---	---	5
6	---	---	0.000	0.000	0.000	0.019	0.000	0.731	0.000	0.000	---	---	6
7	---	---	0.000	0.000	0.000	0.001	0.000	0.713	0.000	0.000	---	---	7
8	---	---	0.000	0.000	0.000	0.000	0.000	0.691	0.000	0.000	---	---	8
9	---	---	0.000	0.000	0.000	0.000	0.000	0.686	0.000	0.000	---	---	9
10	---	---	0.000	0.000	0.000	0.000	0.000	0.482	0.000	0.000	---	---	10
11	---	---	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	---	---	11
12	---	---	0.000	0.000	0.000	0.000	0.000	0.000 A	0.000	0.000	---	---	12
13	---	---	0.000	0.000	0.000	0.000	0.000	0.000 A	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	0.788	0.000	0.000	0.000	0.000	0.000	---	---	15
16	---	---	0.000	0.000	1.17	0.000	0.000	0.000	0.000	0.000	---	---	16
17	---	---	0.000	0.000	1.15	0.000	0.000	0.000	0.000	0.000	---	---	17
18	---	---	0.000	0.000	1.13	0.000	0.000	0.000	0.000	0.000	---	---	18
19	---	---	0.000	0.000	1.11	0.000	0.000	0.000	0.000	0.000	---	---	19
20	---	---	0.000	0.000	1.10	0.000	0.000	0.000	0.000	0.000	---	---	20
21	---	---	0.000	0.000	1.07	0.000	0.000	0.000	0.000	0.000	---	---	21
22	---	---	0.000	0.000	1.06	0.000	0.000	0.000	0.000	0.000	---	---	22
23	---	---	0.000	0.000	1.03	0.000	0.000	0.000	0.000	0.000	---	---	23
24	---	---	0.000	0.000	1.02	0.000	0.000	0.000	0.000	0.000	---	---	24
25	---	---	0.000	0.000	1.03	0.000	0.000	0.000	0.000	0.000	---	---	25
26	---	---	0.000	0.000	1.05	0.000	0.000	0.000 A	0.000	0.000	---	---	26
27	---	0.000	0.000	0.000	1.06	0.000	0.000	0.000	0.000	0.000	---	---	27
28	---	0.000	0.000	0.000	1.08	0.000	0.000	0.000	0.000	0.000	---	---	28
29	---		0.000	0.000	1.07	0.000	0.000	0.000	0.000	0.000	---	---	29
30	---		0.000	0.000	0.613	0.000	0.000	0.000	0.000	0.000	---	---	30
31	---		0.000		0.412		0.000	0.000		0.000		---	31
TOTAL			0.000	0.000	16.943	1.580	0.000	6.057	0.000	0.000			TOTAL
MEAN			0.000	0.000	0.547	0.053	0.000	0.195	0.000	0.000			MEAN
DAM3			0.000	0.000	1460	137	0.000	523	0.000	0.000			DAM3
MAX			0.000	0.000	1.17	0.600	0.000	0.774	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, 1.17 M3/S On 2005-05-16
Minimum daily discharge, 0.000 M3/S On 2005-02-27
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
2006-01-28 15:50
REGINA, SASK.

SQUAW COULEE NEAR WILLOW CREEK

STATION NO. 11AB103

CompuMod 1.7.3

MEAN DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 2005

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.000 B	0.000	0.000	0.123	0.000	0.000	0.000	0.000	0.000	---	1
2	---	---	0.000 B	0.000	0.000	0.084	0.000	0.000	0.000	0.000	0.000	---	2
3	---	0.014 B	0.000 B	0.000	0.000	0.049	0.000	0.000	0.000	0.000	0.000	---	3
4	---	---	0.000 B	0.000	0.000	0.033	0.000	0.000	0.000	0.000	---	---	4
5	---	---	0.000 B	0.000	0.000	0.024	0.000	0.000	0.000	0.000	---	---	5
6	---	---	0.000 B	0.000	0.000	0.043	0.000	0.000	0.000	0.000	---	---	6
7	---	---	0.000 B	0.000	0.000	0.083	0.000	0.000	0.000	0.000	---	---	7
8	---	---	0.000 B	0.000	0.000	0.094	0.000	0.000	0.000	0.000	---	---	8
9	---	---	0.000 B	0.000	0.000	0.237	0.000	0.000	0.000	0.000	---	---	9
10	---	---	0.000 B	0.000	0.000	0.160	0.000	0.000	0.000	0.000	---	---	10
11	---	---	0.000 B	0.000	0.000	0.398	0.000	0.000	0.000	0.000	---	---	11
12	---	---	0.000 B	0.000	0.000	0.228	0.000	0.000	0.000	0.000	---	---	12
13	---	---	0.000 B	0.000	0.000	0.110	0.000	0.000	0.000	0.000	---	---	13
14	---	---	0.000 B	0.000	0.000	0.059	0.000	0.000	0.000	0.000	---	---	14
15	---	---	0.000 B	0.000	0.000	0.268	0.000	0.000	0.000	0.000	---	---	15
16	---	---	0.000 B	0.000	0.000	0.133	0.000	0.000	0.000	0.000	---	---	16
17	---	---	0.000 B	0.000	0.000	0.073	0.000	0.000	0.000	0.000	---	---	17
18	---	---	0.000 B	0.000	0.000	0.042	0.000	0.000	0.000	0.000	---	---	18
19	---	---	0.000 B	0.000	0.000	0.025	0.000	0.000	0.000	0.000	---	---	19
20	---	---	0.000 B	0.000	0.000	0.017	0.000	0.000	0.000	0.000	---	---	20
21	---	---	0.000 B	0.000	0.000	0.011	0.000	0.000	0.000	0.000	---	---	21
22	---	---	0.000 B	0.000	0.000	0.006	0.000	0.000	0.000	0.000	---	---	22
23	---	---	0.000 B	0.000	0.000	0.003	0.000	0.000	0.000	0.000	---	---	23
24	---	---	0.000 B	0.000	0.000	0.002	0.000	0.000	0.000	0.000	---	---	24
25	---	---	0.000 B	0.000	0.000	0.001	0.000	0.000	0.000	0.000	---	---	25
26	---	---	0.000 B	0.000	0.000	0.001	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	0.055	0.000	0.000	0.000	0.000	0.000	---	---	29
30	---		0.000	0.000	0.146	0.000	0.000	0.000	0.000	0.000	---	---	30
31	---		0.000		0.190		0.000	0.000		0.000		---	31
TOTAL			0.000	0.000	0.391	2.307	0.000	0.000	0.000	0.000			TOTAL
MEAN			0.000	0.000	0.013	0.077	0.000	0.000	0.000	0.000			MEAN
DAM3			0.000	0.000	33.8	199	0.000	0.000	0.000	0.000			DAM3
MAX			0.000	0.000	0.190	0.398	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, 0.398 M3/S On 2005-06-11
Minimum daily discharge, 0.000 B M3/S On 2005-02-27
Max Inst discharge, 0.662 M3/S @ 10:55:00 CST On 2005-06-11
Min Inst discharge, 0.000 B M3/S @ 00:00:00 CST On 2005-02-27

A - MANUAL GAUGE B - ICE CONDITIONS E - ESTIMATED D - DRY
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
2005
(VOLUME IN CUBIC DECAMETERS)

Saskatchewan Minor Diversions Associated with Middle Creek Area

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	Sept 1 - 15	Sept 16 – 30	Total
205				13.8	15.9	3.2									32.9
8250															
11727															
11746															
11768															
15028				23.5	27.2	5.4									56.1
Sub-Total	**0**	**0**	**0**	**37**	**43**	**9**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**89**

Saskatchewan Minor Diversions Associated with Altawan Reservoir Area

410															
787															
788															
831			89.8	13.8											103.6
832															
1582															
1583															
4382															
4446	0.4	0.4													0.8
8299															
10136	2.2	1.9													4.1
10600															
10663															
10789															
10877															
12478															
12479															
12480															
12481															
12482															
Sub-Total	**2.6**	**2.3**	**89.8**	**13.8**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**109**
Total Saskatchewan	**3**	**2**	**90**	**51**	**43**	**9**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**198**

LODGE CREEK BASIN MINOR DIVERSIONS – ALBERTA
2005
(VOLUME IN CUBIC DECAMETERS)

Minor Diversions Associated with Upper Lodge Area

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	Sept 1 - 15	Sept 16 – 30	Total
370															
412		12.0			7.0	10.0									29.0
415															
2935			16.0				5.0								21.0
3787															
8097		185.0													185.0
& 397						31.0									31.0
9654		2.0	2.0	2.0											6.0
12719															
13803															
14535		37.0													37.0
14562		9.0													9.0
15617					25.0	49.0									74.0
16878															
Sub-Total		**245**	**18**	**2**	**32**	**90**	**5**	**0**	**0**	**0**	**0**	**0**	**0**		**392**

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**

Alberta Minor Diversions Associated with Middle Creek Area

20452M															0.0
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	19.0			6.0											25.0
16378		31.0	25.0	1.0											57.0
Sub-Total	**19**	**31**	**25**	**7**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**82**

Total Alberta	**19**	**276**	**43**	**9**	**32**	**90**	**5**	**0**	**0**	**0**	**0**	**0**	**0**		**474.0**
Total Sask.	**2.6**	**2.3**	**89.8**	**51.1**	**43.1**	**8.6**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**		**197.5**
Total Entire Basin	**22**	**278**	**133**	**60**	**75**	**99**	**5**	**0**	**0**	**0**	**0**	**0**	**0**		**672**

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

WATER SURVEY OF CANADA
2006-02-15 15:19
REGINA, SASK.

BATTLE CREEK AT INTERNATIONAL BOUNDARY

STATION NO. 11AB027

CompuMod 1.7.3

MEAN DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 2005

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0.350 B	0.535 B	0.911	0.391	0.490	0.838	0.059	0.353	0.157	0.474	---	1
2	---	0.450 B	0.562 B	0.899	0.458	0.481	0.837	0.053	0.473	0.153	0.477	---	2
3	---	0.500 B	0.455	0.881	0.715	0.474	0.836	0.042	0.383	0.130	0.546	---	3
4	---	0.400 B	0.308	0.914	0.566	0.464	0.941	0.032	0.320	0.133	0.585 A	---	4
5	---	0.250 B	0.264	1.04	0.276	0.450	0.991	0.030	0.274	0.124	---	---	5
6	---	0.280 B	0.263	1.18	0.147	0.592	0.966	0.028	0.238	0.151	---	---	6
7	---	0.330 B	0.235	1.09	0.090	0.719	0.882	0.025	0.221	0.146	---	---	7
8	---	0.390 B	0.298	1.14	0.061	1.45	0.798	0.021	0.201	0.156	---	---	8
9	---	0.413 B	0.391	0.917	0.050	1.04	0.720	0.018	0.196	0.165	---	---	9
10	---	0.406 B	0.342	0.738	0.040	0.892	0.711	0.018	0.191	0.152	---	---	10
11	---	0.340 B	0.446	0.542	0.031	1.15	0.623	0.020	0.195	0.157	---	---	11
12	---	0.316 B	0.483	0.677	0.029	2.47	0.522	0.016	0.184	0.163	---	---	12
13	---	0.310 B	0.328	1.11	0.029	2.34	0.474	0.019	0.174	0.150	---	---	13
14	---	0.300 B	0.534	1.46	0.025	2.10	0.394	0.024	0.168	0.141	---	---	14
15	---	0.285 B	0.349	1.46	0.022	1.72	0.367	0.021	0.182	0.143	---	---	15
16	---	0.272 B	0.567	0.989	0.198	1.27	0.362	0.020	0.174	0.138	---	---	16
17	---	0.269 B	0.412	0.911	0.252	1.02	0.335	0.018	0.150	0.133	---	---	17
18	---	0.275 B	0.332	0.953	0.215	0.996	0.301	0.014	0.152	0.141	---	---	18
19	---	0.289 B	0.243	0.869	0.162	0.992	0.238	0.139	0.292	0.146	---	---	19
20	---	0.297 B	0.276	0.935	0.106	0.795	0.197	0.300	0.281	0.150	---	---	20
21	---	0.314 B	0.255	0.946	0.072	0.657	0.167	0.269	0.254	0.146	---	---	21
22	---	0.326 B	0.185	1.04	0.052	0.533	0.154	0.258	0.214	0.132	---	---	22
23	---	0.350 B	0.187	1.18	0.034	0.690	0.139	0.238	0.198	0.105	---	---	23
24	---	0.381 B	0.562	1.13	0.066	0.625	0.124	0.261	0.211	0.329	---	---	24
25	---	0.416 B	0.396	1.04	0.888	0.424	0.100	0.259	0.210	0.518	---	---	25
26	---	0.458 B	0.336	0.810	1.36	0.558	0.087	0.243	0.199	0.516	---	---	26
27	---	0.486 B	0.310	0.589	1.14	1.04	0.085	0.268	0.174	0.487	---	---	27
28	0.236 B	0.506 B	0.238	0.486	1.00	0.979	0.086	0.259	0.144	0.476	---	---	28
29	0.250 B		0.243	0.404	0.914	0.912	0.082	0.282	0.137	0.468	---	---	29
30	0.260 B		0.267	0.412	0.917	0.875	0.073	0.282	0.140	0.463	---	---	30
31	0.280 B		0.286		0.630		0.064	0.262		0.466		---	31
TOTAL		9.959	10.888	27.653	10.936	29.198	13.494	3.798	6.683	7.035			TOTAL
MEAN		0.356	0.351	0.922	0.353	0.973	0.435	0.123	0.223	0.227			MEAN
DAM3		860	941	2390	945	2520	1170	328	577	608			DAM3
MAX		0.506	0.567	1.46	1.36	2.47	0.991	0.300	0.473	0.518			MAX
MIN		0.250	0.185	0.404	0.022	0.424	0.064	0.014	0.137	0.105			MIN

A - MANUAL GAUGE B - ICE CONDITIONS E - ESTIMATED D - DRY
HQ #14.00: 1996-03-01 00:00 to open shift corr

SUMMARY FOR THE YEAR:
Maximum daily discharge, 2.47 M3/S On 2005-06-12
Minimum daily discharge, 0.014 M3/S On 2005-08-18
Max Inst discharge, 2.47 M3/S @ 00:00:00 CST On 2005-06-12
Min Inst discharge, 0.014 M3/S @ 00:00:00 CST On 2005-08-18

APPROVED BY THE FIELD REPRESENTATIVES OF CANADA AND THE UNITED STATES

STORAGE FACTORS AND EVAPORATION LOSSES
2005

REESOR RESERVOIR 11AB090

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	1226.447	5174	0.000	0	1621	1643	22
2	1226.457	5187	0.000	0	1643	1649	6
3	1226.474	5195	0.004	2	1649	1657	8
4	1226.447	5192	0.053	27	1657	1643	-14
5	1226.410	5175	0.064	33	1643	1624	-19
6	1226.417	5167	0.053	27	1624	1627	3
7	1226.563	5208	-0.038	-20	1627	1704	77
8	1226.525	5236	0.061	32	1704	1684	-20
9	1226.437	5203	0.108	56	1684	1638	-46
10	1226.344	5155	0.090	46	1638	1590	-48
11	1226.301	5119	0.063	32	1590	1568	-22
12	1226.296	5106	0.061	31	1568	1566	-2
13	1226.270	5097	0.043	22	1566	1553	-13
14	1226.225	5079	0.031	16	1553	1529	-24
15	1226.182	5056	0.005	2	1529	1508	-21
16	1226.174	5046	-0.001	0	1508	1504	-4

EVAPORATION STATION IS ALTAWAN

WATER SURVEY OF CANADA
2006-01-30 11:32
REGINA, SASK.

GAFF DITCH NEAR MERRYFLAT

STATION NO. 11AB102

CompuMod 1.7.3

MEAN DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 2005

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.000 B	0.622 B	0.166	0.005	0.000	0.000	0.000	0.000	0.000	---	1
2	---	---	0.000 B	0.701 B	0.018	0.005	0.000	0.000	0.000	0.000	0.000 A	---	2
3	---	---	0.000 B	0.724	0.015	0.004	0.000	0.000	0.000	0.000	---	---	3
4	---	---	0.000 B	0.776	0.014	0.004	0.000	0.000	0.000	0.000	---	---	4
5	---	---	0.000 B	0.905	0.014	0.004	0.000	0.000	0.000	0.000	---	---	5
6	---	---	0.000 B	1.04	0.013	0.004	0.000	0.000	0.000	0.000	---	---	6
7	---	---	0.000 B	0.924	0.013	0.004	0.000	0.000	0.000	0.000	---	---	7
8	---	---	0.000 B	0.842	0.014	0.004	0.000	0.000	0.000	0.000	---	---	8
9	---	---	0.000 B	0.818	0.014	0.003	0.000	0.000	0.000	0.000	---	---	9
10	---	---	0.000 B	0.822	0.013	0.003	0.000	0.000	0.000	0.000	---	---	10
11	---	---	0.000 B	0.811	0.013	0.003	0.000	0.000	0.000	0.000	---	---	11
12	---	---	0.000 B	0.813	0.013	0.002	0.000	0.000	0.000	0.000	---	---	12
13	---	---	0.000 B	0.786	0.012	0.003	0.000	0.000	0.000	0.000	---	---	13
14	---	---	0.000 B	0.779	0.012	0.003	0.000	0.000	0.000	0.000	---	---	14
15	---	---	0.000 B	0.781	0.012	0.003	0.000	0.000	0.000	0.000	---	---	15
16	---	---	0.000 B	0.801	0.012	0.003	0.000	0.000	0.000	0.000	---	---	16
17	---	---	0.000 B	0.820	0.012	0.003	0.000	0.000	0.000	0.000	---	---	17
18	---	---	0.000 B	0.772	0.012	0.003	0.000	0.000	0.000	0.000	---	---	18
19	---	---	0.000 B	0.578	0.012	0.002	0.000	0.000	0.000	0.000	---	---	19
20	---	---	0.000 B	0.580	0.013	0.002	0.000	0.000	0.000	0.000	---	---	20
21	---	---	0.000 B	0.574	0.012	0.001	0.000	0.000	0.000	0.000	---	---	21
22	---	---	0.000 B	0.563	0.011	0.001	0.000	0.000	0.000	0.000	---	---	22
23	---	---	0.000 B	0.636	0.011	0.001	0.000	0.000	0.000	0.000	---	---	23
24	---	---	0.000 B	0.542	0.012	0.001	0.000	0.000	0.000	0.000	---	---	24
25	---	0.000 B	0.000 B	0.426	0.011	0.001	0.000	0.000	0.000	0.000	---	---	25
26	---	0.000 B	0.000 B	0.371	0.011	0.001	0.000	0.000	0.000	0.000	---	---	26
27	---	0.000 B	0.000 B	0.304	0.011	0.000	0.000	0.000	0.000	0.000	---	---	27
28	---	0.000 B	0.000 B	0.386	0.011	0.000	0.000	0.000	0.000	0.000	---	---	28
29	---		0.000 B	0.489	0.010	0.000	0.000	0.000	0.000	0.000	---	---	29
30	---		0.205 B	0.333	0.009	0.000	0.000	0.000	0.000	0.000	---	---	30
31	---		0.625 B		0.007		0.000	0.000		0.000		---	31
TOTAL			0.830	20.319	0.533	0.073	0.000	0.000	0.000	0.000			TOTAL
MEAN			0.027	0.677	0.017	0.002	0.000	0.000	0.000	0.000			MEAN
DAM3			71.7	1760	46.1	6.31	0.000	0.000	0.000	0.000			DAM3
MAX			0.625	1.04	0.166	0.005	0.000	0.000	0.000	0.000			MAX
MIN			0.000	0.304	0.007	0.000	0.000	0.000	0.000	0.000			MIN

SUMMARY FOR THE YEAR:
Maximum daily discharge, 1.04 M3/S On 2005-04-06
Minimum daily discharge, 0.000 B M3/S On 2005-02-25

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
2006-01-12 15:35
REGINA, SASK.

CYPRESS LAKE WEST INFLOW CANAL

STATION NO. 11AB078

CompuMod 1.7.3

MEAN DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 2005

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.000 B	1.00 B	0.001 B	0.434 B	0.040	0.000	0.000	0.248	0.000	0.273	0.000	---	1
2	0.000 B	0.690 B	0.005 B	0.034 B	0.024	0.000	0.000	0.226	0.000	0.283	0.000	---	2
3	0.000 B	0.500 B	0.008 B	0.005 B	0.005	0.000	0.000	0.210	0.000	0.326	---	---	3
4	0.000 B	0.380 B	0.010 B	0.159 B	0.000	0.064	0.000	0.194	0.000	0.334	---	---	4
5	0.000 B	0.280 B	0.012 B	0.894 B	0.000	0.843	0.000	0.186	0.000	0.335	---	---	5
6	0.000 B	0.200 B	0.014 B	4.67 B	0.000	1.03	0.000	0.183	0.000	0.337	---	---	6
7	0.000 B	0.150 B	0.015 B	2.63 B	0.000	1.51	0.000	0.176	0.000	0.342	---	---	7
8	0.000 B	0.110 B	0.012 B	1.58	0.000	1.76	0.000	0.172	0.004	0.341	---	---	8
9	0.000 B	0.080 B	0.010 B	0.746	0.000	2.26	0.014	0.178	0.014	0.345	---	---	9
10	0.000 B	0.060 B	0.009 B	0.106	0.000	2.17	0.074	0.178	0.089	0.350	---	---	10
11	0.000 B	0.040 B	0.008 B	0.088	0.000	2.12	0.098	0.167	0.112	0.345	---	---	11
12	0.000 B	0.030 B	0.007 B	0.267	0.000	2.10	0.107	0.134	0.109	0.357	---	---	12
13	0.000 B	0.020 B	0.006 B	0.396	0.000	2.00	0.188	0.007	0.112	0.382	---	---	13
14	0.000 B	0.005 B	0.005 B	0.030	0.000	1.61	0.201	0.004	0.110	0.443	---	---	14
15	0.000 B	0.003 B	0.005 B	0.010	0.000	1.63	0.196	0.002	0.110	0.449	---	---	15
16	0.000 B	0.002 B	0.002 B	0.003	0.000	1.64	0.191	0.001	0.134	0.445	---	---	16
17	0.000 B	0.002 B	0.001 B	0.001	0.000	1.67	0.187	0.000	0.141	0.387	---	---	17
18	0.000 B	0.001 B	0.000 B	0.001	0.000	1.67	0.174	0.000	0.136	0.049	---	---	18
19	0.000 B	0.001 B	0.000 B	0.000	0.000	1.73	0.179	0.000	0.122	0.005	---	---	19
20	0.000 B	0.000 B	0.000 B	0.000	0.000	1.76	0.195	0.000	0.128	0.001	---	---	20
21	0.000 B	0.000 B	0.133 B	0.000	0.000	1.37	0.203	0.000	0.180	0.000	---	---	21
22	0.000 B	0.000 B	0.612 B	0.251	0.000	0.055	0.218	0.000	0.181	0.000	---	---	22
23	0.000 B	0.000 B	0.103 B	0.705	0.000	0.005	0.224	0.000	0.183	0.000	---	---	23
24	0.000 B	0.000 B	0.366 B	0.545	0.000	0.002	0.233	0.000	0.187	0.000	---	---	24
25	0.500 B	0.000 B	0.361 B	0.538	0.000	0.001	0.254	0.000	0.207	0.000	---	---	25
26	2.00 B	0.000 B	0.395 B	0.531	0.000	0.000	0.262	0.000	0.258	0.000	---	---	26
27	2.10 B	0.000 B	0.489 B	0.329	0.000	0.000	0.273	0.000	0.259	0.000	---	---	27
28	2.05 B	0.000 B	0.615 B	0.015	0.000	0.000	0.284	0.000	0.262	0.000	---	---	28
29	2.04 B		0.688 B	0.003	0.000	0.000	0.288	0.000	0.262	0.000	---	---	29
30	2.00 B		2.06 B	0.003	0.000	0.000	0.282	0.000	0.262	0.000	---	---	30
31	1.50 B		1.58 B		0.000		0.266	0.000		0.000		---	31
TOTAL	12.190	3.554	7.532	14.974	0.069	29.000	4.591	2.266	3.562	6.129			TOTAL
MEAN	0.393	0.127	0.243	0.499	0.002	0.967	0.148	0.073	0.119	0.198			MEAN
DAM3	1050	307	651	1290	5.96	2510	397	196	308	530			DAM3
MAX	2.10	1.00	2.06	4.67	0.040	2.26	0.288	0.248	0.262	0.449			MAX
MIN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000			MIN

SUMMARY FOR THE YEAR:

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

Maximum daily discharge, 4.67 B M3/S On 2005-04-06
Minimum daily discharge, 0.000 B M3/S On 2005-01-01
Max Inst discharge, not valid
Min Inst discharge, not valid

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
2006-01-04-12:42
REGINA, SASK.

CYPRESS LAKE WEST OUTFLOW CANAL

STATION NO. 11AB077

CompuMod 1.7.3

MEAN DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 2005

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.000 B	0.001 B	0.015	0.001	0.091	0.000	0.000	0.000	0.000	---	1
2	---	---	0.000 B	0.003 B	0.014	0.003	0.086	0.000	0.000	0.000	0.000	---	2
3	---	---	0.000 B	0.005 B	1.15	0.004	0.083	0.000	0.000	0.000	---	---	3
4	---	---	0.000 B	0.007 B	2.10	0.003	0.078	0.000	0.000	0.000	---	---	4
5	---	---	0.000 B	0.010 B	2.32	0.004	0.075	0.000	0.000	0.000	---	---	5
6	---	---	0.000 B	0.007 B	2.37	0.010	0.075	0.000	0.000	0.000	---	---	6
7	---	---	0.000 B	0.005 B	2.38	0.084	0.074	0.000	0.000	0.000	---	---	7
8	---	---	0.000 B	0.005 B	2.56	0.372	0.073	0.000	0.000	0.000	---	---	8
9	---	---	0.000 B	0.007 B	2.58	0.334	0.071	0.000	0.000	0.000	---	---	9
10	---	---	0.000 B	0.254 B	2.67	0.328	0.069	0.000	0.000	0.000	---	---	10
11	---	---	0.000 B	0.195 B	2.41	0.318	0.059	0.000	0.000	0.000	---	---	11
12	---	---	0.000 B	0.132 B	2.24	0.310	0.027	0.000	0.000	0.000	---	---	12
13	---	---	0.000 B	0.074 B	2.18	0.309	0.014	0.000	0.000	0.000	---	---	13
14	---	---	0.000 B	0.020	2.20	0.311	0.008	0.000	0.000	0.000	---	---	14
15	---	---	0.000 B	0.022	2.29	0.233	0.005	0.000	0.000	0.000	---	---	15
16	---	---	0.000 B	0.021	2.34	0.136	0.003	0.000	0.000	0.000	---	---	16
17	---	---	0.000 B	0.023	2.38	0.109	0.003	0.000	0.000	0.000	---	---	17
18	---	---	0.000 B	0.024	1.78	0.012	0.002	0.000	0.000	0.000	---	---	18
19	---	---	0.000 B	0.023	1.32	0.004	0.001	0.000	0.000	0.000	---	---	19
20	---	---	0.000 B	0.021	0.924	0.028	0.001	0.000	0.000	0.000	---	---	20
21	---	---	0.000 B	0.023	0.012	0.078	0.000	0.000	0.000	0.000	---	---	21
22	---	0.000 B	0.000 B	0.023	0.003	0.078	0.000	0.000	0.000	0.000	---	---	22
23	---	0.000 B	0.000 B	0.020	0.002	0.082	0.000	0.000	0.000	0.000	---	---	23
24	---	0.000 B	0.000 B	0.021	0.004	0.086	0.000	0.000	0.000	0.000	---	---	24
25	---	0.000 B	0.000 B	0.019	0.002	0.088	0.000	0.000	0.000	0.000	---	---	25
26	---	0.000 B	0.000 B	0.016	0.002	0.089	0.000	0.000	0.000	0.000	---	---	26
27	---	0.000 B	0.000 B	0.016	0.001	0.090	0.000	0.000	0.000	0.000	---	---	27
28	---	0.000 B	0.000 B	0.015	0.001	0.092	0.000	0.000	0.000	0.000	---	---	28
29	---		0.000 B	0.017	0.002	0.093	0.000	0.000	0.000	0.000	---	---	29
30	---		0.000 B	0.019	0.001	0.094	0.000	0.000	0.000	0.000	---	---	30
31	---		0.000 B		0.001		0.000	0.000		0.000		---	31
TOTAL			0.000	1.048	38.254	3.783	0.898	0.000	0.000	0.000			TOTAL
MEAN			0.000	0.035	1.23	0.126	0.029	0.000	0.000	0.000			MEAN
DAM3			0.000	90.5	3310	327	77.6	0.000	0.000	0.000			DAM3
MAX			0.000	0.254	2.67	0.372	0.091	0.000	0.000	0.000			MAX
MIN			0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000			MIN

SUMMARY FOR THE YEAR:

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

Maximum daily discharge, 2.67 M3/S On 2005-05-10
Minimum daily discharge, 0.000 B M3/S On 2005-02-22
Max Inst discharge, not valid
Min Inst discharge, not valid

HQ #19.00: 2003-02-25 00:01 to 2005-02-21 23:59
HQ #20.00: 2005-02-22 00:00 to open shift corr

APPROVED BY THE FIELD REPRESENTATIVES OF CANADA AND THE UNITED STATES

WATER SURVEY OF CANADA
2005-12-21 08:25
REGINA, SASK.

CYPRESS LAKE WEST INFLOW CANAL DRAIN

STATION NO. 11AB085

CompuMod 1.7.3

MEAN DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 2005

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.010 B	0.007 B	0.000	0.000	0.000	0.001	0.000	0.001	0.000	---	1
2	---	---	0.012 B	0.005 B	0.000	0.000	0.000	0.001	0.000	0.001	0.000 A	---	2
3	---	---	0.015 B	0.004 B	0.000	0.000	0.000	0.001	0.000	0.001	---	---	3
4	---	---	0.010 B	0.003 B	0.000	0.000	0.000	0.001	0.000 A	0.001	---	---	4
5	---	---	0.005 B	0.002	0.000	0.002	0.000	0.001	0.000	0.001	---	---	5
6	---	---	0.003 B	0.001	0.000	0.002	0.000	0.001	0.000	0.001 A	---	---	6
7	---	---	0.001 B	0.001	0.000	0.002	0.000	0.001	0.000	0.001	---	---	7
8	---	---	0.002 B	0.001	0.000	0.001	0.000	0.001	0.000	0.001	---	---	8
9	---	---	0.003 B	0.001	0.000	0.001	0.000	0.001	0.000	0.001 A	---	---	9
10	---	---	0.005 B	0.001	0.000	0.001	0.000	0.001	0.001	0.001	---	---	10
11	---	---	0.007 B	0.000	0.000	0.001	0.000	0.001	0.001	0.001	---	---	11
12	---	---	0.009 B	0.000	0.000	0.001	0.000	0.001	0.001	0.001	---	---	12
13	---	---	0.010 B	0.000	0.000	0.001	0.000	0.001	0.001	0.001	---	---	13
14	---	---	0.011 B	0.000	0.000	0.001	0.001	0.000	0.001	0.001	---	---	14
15	---	---	0.012 B	0.000	0.000	0.001	0.001	0.000	0.001	0.001	---	---	15
16	---	---	0.012 B	0.000	0.000	0.001	0.001	0.000	0.001	0.001	---	---	16
17	---	---	0.013 B	0.000	0.000	0.001	0.001	0.000	0.001	0.001	---	---	17
18	---	---	0.013 B	0.000	0.000	0.001	0.001	0.000	0.001	0.000	---	---	18
19	---	---	0.014 B	0.000	0.000	0.001	0.001	0.000	0.001	0.000	---	---	19
20	---	---	0.014 B	0.000	0.000	0.001	0.001	0.000	0.001	0.000	---	---	20
21	---	---	0.015 B	0.000	0.000	0.001	0.001	0.000	0.001 A	0.000 A	---	---	21
22	---	0.000 B	0.015 B	0.000	0.000	0.000	0.001	0.000	0.001	0.000	---	---	22
23	---	0.001 B	0.012 B	0.001	0.000	0.000	0.001	0.000	0.001	0.000	---	---	23
24	---	0.001 B	0.010 B	0.001	0.000	0.000	0.001	0.000	0.001	0.000	---	---	24
25	---	0.002 B	0.011 B	0.001	0.000	0.000	0.001	0.000	0.001	0.000	---	---	25
26	---	0.003 B	0.012 B	0.000	0.000	0.000	0.001	0.000	0.001	0.000	---	---	26
27	---	0.004 B	0.014 B	0.000	0.000	0.000	0.001 A	0.000	0.001	0.000	---	---	27
28	---	0.008 B	0.015 B	0.000	0.000	0.000	0.001	0.000	0.001	0.000	---	---	28
29	---		0.015 B	0.000	0.000	0.000	0.001	0.000	0.001	0.000	---	---	29
30	---		0.012 B	0.000	0.000	0.000	0.001	0.000	0.001	0.000	---	---	30
31	---		0.009 B		0.000		0.001	0.000		0.000		---	31
TOTAL			0.321	0.029	0.000	0.020	0.018	0.013	0.021	0.017			TOTAL
MEAN			0.010	0.001	0.000	0.001	0.001	0.000	0.001	0.001			MEAN
DAM3			27.7	2.51	0.000	1.73	1.56	1.12	1.81	1.47			DAM3
MAX			0.015	0.007	0.000	0.002	0.001	0.001	0.001	0.001			MAX
MIN			0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000			MIN

SUMMARY FOR THE YEAR:

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

Maximum daily discharge, 0.015 B M3/S On 2005-03-03
Minimum daily discharge, 0.000 B M3/S On 2005-02-22
Max Inst discharge, not valid
Min Inst discharge, not valid

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
2005-12-13 08:44
REGINA, SASK.

VIDORA DITCH NEAR CONSUL

STATION NO. 11AB084

CompuMod 1.7.3

MEAN DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 2005

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.000	0.000	0.000	0.001 E	0.001 E	0.000	0.000	0.000	---	---	1
2	---	---	0.000	0.000	0.000	0.001 E	0.001 E	0.000	0.000	0.000	---	---	2
3	---	---	0.000	0.000	0.000	0.001 E	0.001 E	0.000	0.000	0.000	---	---	3
4	---	---	0.000	0.000	0.000	0.001 E	0.001 E	0.000	0.000	0.000	---	---	4
5	---	---	0.000	0.000	0.000	0.001 E	0.001 E	0.000	0.000	0.000	---	---	5
6	---	---	0.000	0.000	0.000	0.002 A	0.001	0.000	0.000	0.000	---	---	6
7	---	---	0.000	0.000	0.000	0.004 A	0.005	0.000	0.000	0.000	---	---	7
8	---	---	0.000	0.000	0.000	0.003 E	0.010	0.000	0.000	0.000	---	---	8
9	---	---	0.000	0.000	0.000	0.003 E	0.010	0.000	0.000	0.000	---	---	9
10	---	---	0.000	0.000	1.63 A	0.002 E	0.010	0.000	0.000	0.000	---	---	10
11	---	---	0.000	0.000	2.08	0.002 E	0.007	0.000	0.000	0.000	---	---	11
12	---	---	0.000	0.000	2.31	0.002 E	0.005	0.000	0.000	0.000	---	---	12
13	---	---	0.000	0.000	2.21	0.002 E	0.003	0.000	0.000	0.000	---	---	13
14	---	---	0.000	0.000	2.23	0.002 E	0.001	0.000	0.000	0.000	---	---	14
15	---	---	0.000	0.000	2.40	0.001 E	0.001 E	0.000	0.000	0.000	---	---	15
16	---	---	0.000	0.000	2.44	0.001 E	0.001 E	0.000	0.000	0.000	---	---	16
17	---	---	0.000	0.000	2.50	0.001 E	0.001 E	0.000	0.000	0.000	---	---	17
18	---	---	0.000	0.000	1.91	0.001 E	0.001 E	0.000	0.000	0.000	---	---	18
19	---	---	0.000	0.000	1.31	0.001 E	0.001 E	0.000	0.000	0.000	---	---	19
20	---	---	0.000	0.000	0.911	0.001 E	0.001 E	0.000	0.000	0.000	---	---	20
21	---	---	0.000	0.000	0.005 E	0.001 E	0.000	0.000	0.000	0.000	---	---	21
22	---	---	0.000	0.000	0.003 E	0.001 E	0.000	0.000	0.000	0.000	---	---	22
23	---	---	0.000	0.000	0.002 E	0.001 E	0.000	0.000	0.000	0.000	---	---	23
24	---	---	0.000	0.000	0.001 E	0.001 E	0.000	0.000	0.000	0.000	---	---	24
25	---	---	0.000	0.000	0.001 E	0.001 E	0.000	0.000	0.000	0.000	---	---	25
26	---	0.000	0.000	0.000	0.001 E	0.001 E	0.000	0.000	0.000	0.000	---	---	26
27	---	0.000	0.000	0.000	0.001 E	0.001 E	0.000	0.000	0.000	0.000	---	---	27
28	---	0.000	0.000	0.000	0.001 E	0.001 E	0.000	0.000	0.000	0.000	---	---	28
29	---		0.000	0.000	0.001 E	0.001 E	0.000	0.000	0.000	0.000	---	---	29
30	---		0.000	0.000	0.001 E	0.001 E	0.000	0.000	0.000	0.000	---	---	30
31	---		0.000		0.001 E		0.000	0.000		0.000		---	31
TOTAL			0.000	0.000	21.949	0.043	0.063	0.000	0.000	0.000			TOTAL
MEAN			0.000	0.000	0.708	0.001	0.002	0.000	0.000	0.000			MEAN
DAM3			0.000	0.000	1900	3.72	5.44	0.000	0.000	0.000			DAM3
MAX			0.000	0.000	2.50	0.004	0.010	0.000	0.000	0.000			MAX
MIN			0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000			MIN

SUMMARY FOR THE YEAR:
Maximum daily discharge, 2.50 M3/S On 2005-05-17
Minimum daily discharge, 0.000 M3/S On 2005-02-26
Max Inst discharge, not valid
Min Inst discharge, not valid

A - MANUAL GAUGE B - ICE CONDITIONS E - ESTIMATED D - DRY
HQ #14.00: 2005-03-01 00:01 to open shift corr

APPROVED BY THE FIELD REPRESENTATIVES OF CANADA AND THE UNITED STATES

WATER SURVEY OF CANADA
2005-12-05 16:07
REGINA, SASK.

RICHARDSON DITCH NEAR CONSUL

STATION NO. 11AB058

CompuMod 1.7.3

MEAN DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 2005

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	1.57	0.000	0.000	0.000	0.000	0.000	---	---	4
5	---	---	0.000	0.000	1.87	0.000	0.000	0.000	0.000	0.000	---	---	5
6	---	---	0.000	0.000	1.81	0.001	0.000	0.000	0.000	0.000	---	---	6
7	---	---	0.000	0.000	1.81	0.000	0.000	0.000	0.000	0.000	---	---	7
8	---	---	0.000	0.000	1.83	0.000	0.000	0.000	0.000	0.000	---	---	8
9	---	---	0.000	0.000	1.87	0.012	0.000	0.000	0.000	0.000	---	---	9
10	---	---	0.000	0.000	0.869	0.006	0.000	0.000	0.000	0.000	---	---	10
11	---	---	0.000	0.000	0.215	0.000	0.000	0.000	0.000	0.000	---	---	11
12	---	---	0.000	0.000	0.109	0.000	0.000	0.000	0.000	0.000	---	---	12
13	---	---	0.000	0.000	0.008	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	---	---	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	11.961	0.019	0.000	0.000	0.000	0.000			TOTAL
MEAN			0.000	0.000	0.386	0.001	0.000	0.000	0.000	0.000			MEAN
DAM3			0.000	0.000	1030	1.64	0.000	0.000	0.000	0.000			DAM3
MAX			0.000	0.000	1.87	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, 1.87 M3/S On 2005-05-05
Minimum daily discharge, 0.000 M3/S On 2005-02-27
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
2005-12-16 13:01
REGINA, SASK.

MCKINNON DITCH NEAR CONSUL

STATION NO. 11AB044

CompuMod 1.7.3

MEAN DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 2005

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	0.490 A	0.000	0.000	0.000	0.000	0.000	---	---	4
5	---	---	0.000	0.000	0.764	0.000	0.000	0.000	0.000	0.000	---	---	5
6	---	---	0.000	0.000	0.975	0.000	0.000	0.000	0.000	0.000	---	---	6
7	---	---	0.000	0.000	0.985	0.002	0.000	0.000	0.000	0.000	---	---	7
8	---	---	0.000	0.000	1.10	0.001	0.000	0.000	0.000	0.000	---	---	8
9	---	---	0.000	0.000	1.23	0.000	0.000	0.000	0.000	0.000	---	---	9
10	---	---	0.000	0.000	1.26	0.000	0.000	0.000	0.000	0.000	---	---	10
11	---	---	0.000	0.000	1.06	0.000	0.000	0.000	0.000	0.000	---	---	11
12	---	---	0.000	0.000	0.983	0.000	0.000	0.000	0.000	0.000	---	---	12
13	---	---	0.000	0.000	0.647	0.000	0.000	0.000	0.000	0.000	---	---	13
14	---	---	0.000	0.000	0.594	0.000	0.000	0.000	0.000	0.000	---	---	14
15	---	---	0.000	0.000	0.610	0.000	0.000	0.000	0.000	0.000	---	---	15
16	---	---	0.000	0.000	0.193	0.000	0.000	0.000	0.000	0.000	---	---	16
17	---	---	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	---	---	17
18	---	---	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	---	---	18
19	---	---	0.000	0.000	0.001	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	---	---	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	10.898	0.003	0.000	0.000	0.000	0.000			TOTAL
MEAN			0.000	0.000	0.352	0.000	0.000	0.000	0.000	0.000			MEAN
DAM3			0.000	0.000	942	0.259	0.000	0.000	0.000	0.000			DAM3
MAX			0.000	0.000	1.26	0.002	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, 1.26 M3/S On 2005-05-10
Minimum daily discharge, 0.000 M3/S On 2005-02-27
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
2006-01-30 16:10
REGINA, SASK.

NASHLYN CANAL NEAR CONSUL

STATION NO. 11AB018

CompuMod 1.7.3

MEAN DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 2005

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.341 B	0.094	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	1
2	---	---	0.402 B	0.026	0.216 A	0.000	0.000	0.000	0.000	0.000	0.000	---	2
3	---	---	0.514 B	0.023	0.647	0.000	0.000	0.000	0.000	0.000	---	---	3
4	---	---	0.584 B	0.023	0.661	0.000	0.000	0.000	0.000	0.000	---	---	4
5	---	---	0.602 B	0.013	0.814	0.000	0.000	0.000	0.000	0.000	---	---	5
6	---	---	0.573 B	0.007	0.263	0.000	0.000	0.000	0.000	0.000	---	---	6
7	---	---	0.553 B	0.004	0.319	0.000	0.000	0.000	0.000	0.000	---	---	7
8	---	---	0.568 B	0.001	0.531	0.000	0.000	0.000	0.000	0.000	---	---	8
9	---	---	0.663 B	0.000	0.711	0.000	0.000	0.000	0.000	0.000	---	---	9
10	---	---	0.699 B	0.000	0.817	0.000	0.000	0.000	0.000	0.000	---	---	10
11	---	---	0.803 B	0.000	0.858	0.000	0.000	0.000	0.000	0.000	---	---	11
12	---	---	0.762 B	0.000	0.613	0.000	0.000	0.000	0.000	0.000	---	---	12
13	---	---	0.776 B	0.000	0.271	0.000	0.000	0.000	0.000	0.000	---	---	13
14	---	---	0.771 B	0.000	0.230	0.000	0.000	0.000	0.000	0.000	---	---	14
15	---	---	0.781 B	0.000	0.192	0.000	0.000	0.000	0.000	0.000	---	---	15
16	---	---	0.725 B	0.000	0.203	0.000	0.000	0.000	0.000	0.000	---	---	16
17	---	---	0.677 B	0.000	0.317	0.000	0.000	0.000	0.000	0.000	---	---	17
18	---	---	0.606 B	0.000	0.716	0.000	0.000	0.000	0.000	0.000	---	---	18
19	---	---	0.600 B	0.000	0.836	0.000	0.000	0.000	0.000	0.000	---	---	19
20	---	---	0.606 B	0.000	1.09	0.000	0.000	0.000	0.000	0.000	---	---	20
21	---	---	0.668 B	0.000	1.17	0.000	0.000	0.000	0.000	0.000	---	---	21
22	---	---	0.903 B	0.000	0.732	0.000	0.000	0.000	0.000	0.000	---	---	22
23	---	0.000 B	0.850 B	0.000	0.037	0.000	0.000	0.000	0.000	0.000	---	---	23
24	---	0.000 B	0.550 B	0.000	0.016	0.000	0.000	0.000	0.000	0.000	---	---	24
25	---	0.000 B	0.500 B	0.000	0.010	0.000	0.000	0.000	0.000	0.000	---	---	25
26	---	0.000 B	0.432 B	0.000	0.006	0.000	0.000	0.000	0.000	0.000	---	---	26
27	---	0.000 B	0.356 B	0.000	0.003	0.000	0.000	0.000	0.000	0.000	---	---	27
28	---	0.000 B	0.434 B	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	28
29	---		0.517	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	29
30	---		0.615	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	30
31	---		0.737		0.000		0.000	0.000		0.000		---	31
TOTAL			19.168	0.191	12.279	0.000	0.000	0.000	0.000	0.000			TOTAL
MEAN			0.618	0.006	0.396	0.000	0.000	0.000	0.000	0.000			MEAN
DAM3			1660	16.5	1060	0.000	0.000	0.000	0.000	0.000			DAM3
MAX			0.903	0.094	1.17	0.000	0.000	0.000	0.000	0.000			MAX
MIN			0.341	0.000	0.000	0.000	0.000	0.000	0.000	0.000			MIN

SUMMARY FOR THE YEAR:
Maximum daily discharge, 1.17 M3/S On 2005-05-21
Minimum daily discharge, 0.000 B M3/S On 2005-02-23
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

2005

(VOLUME IN CUBIC DECAMETERS)

file number	March 1-25	March 26-9	April 10-24	April 25-9	May 10-25	May 26-9	June 10-25	June 26-9	July 10-25	July 26-9	August 10-25	August 26-9	September 10-24	September 25-9	October 10-25	October 26-31	Total
52A					37.4												37.4
52B					23.3												23.3
59		14.5	22.5														37.0
71						16.4											16.4
73																	0.0
77					24.3												24.3
86	Projects #86 & #110 are included with the Sheperd Ditch calculation.																0.0
181																	0.0
190		160.6	73.0														233.6
219																	0.0
237																	0.0
323																	0.0
338																	0.0
358				14.4													14.4
606																	0.0
622																	0.0
710																	0.0
765																	0.0
900																	0.0
985																	0.0
1247																	0.0
1499																	0.0
1753																	0.0
1754																	0.0
1786																	0.0
2124																	0.0
2159																	0.0
2282																	0.0
2283																	0.0
2500																	0.0
2655																	0.0
2755																	0.0
2841																	0.0
2954																	0.0
3586																	0.0
3739																	0.0
3855																	0.0
3930																	0.0
3931																	0.0
4851																	0.0
5141																	0.0
5193																	0.0
5263																	0.0

continued ...

BATTLE CREEK BASIN MINOR DIVERSIONS (continued)

2005

(VOLUME IN CUBIC DECAMETERS)

file	March		April		May		June		July		August		September		October		
number	1-25	26-9	10-24	25-9	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
5292																	0.0
5293																	0.0
5420																	0.0
5421																	0.0
5422																	0.0
5441																	0.0
5442																	0.0
5453																	0.0
5455																	0.0
5512			1.7	5.1													6.8
5527																	0.0
5528	4.1																4.1
5529	0.8																0.8
5539																	0.0
5540																	0.0
5557																	0.0
5609	8.2																8.2
5691																	0.0
5784																	0.0
5874																	0.0
5940																	0.0
6139																	0.0
6150																	0.0
6308																	0.0
6387																	0.0
6714																	0.0
6719																	0.0
6795																	0.0
7144																	0.0
7241																	0.0
8056	6.6																6.6
8107																	0.0
8192																	0.0
8225																	0.0
8228																	0.0
8229																	0.0
8314																	0.0
8336																	0.0
8498																	0.0
8559																	0.0
8575																	0.0
8646																	0.0
8647																	0.0
8648																	0.0

continued ...

BATTLE CREEK BASIN MINOR DIVERSIONS (continued)

2005

(VOLUME IN CUBIC DECAMETERS)

file number	March 1-25	March 26-9	April 10-24	April 25-9	May 10-25	May 26-9	June 10-25	June 26-9	July 10-25	July 26-9	August 10-25	August 26-9	September 10-24	September 25-9	October 10-25	October 26-31	Total
8649																	0.0
8973																	0.0
8998																	0.0
9321																	0.0
9344																	0.0
9679																	0.0
9759																	0.0
9760																	0.0
9803					0.8	7.5											8.3
9811																	0.0
9917																	0.0
10138						16.7											16.7
10340																	0.0
11191																	0.0
11192																	0.0
11805																	0.0
13756					63.7												63.7
14422					59.3	29.7											89.0
14994									160.6								160.6
15610					15.5	16.9											32.4
Sheperd Ditch	0.0	182.0	258.0	237.0	206.0	6.0	3.0	2.0	1.0	1.0	1.0	2.0	3.0	3.0	1.0	1.0	907.0
Sub-Total	**19.7**	**357.1**	**355.2**	**256.5**	**430.3**	**93.2**	**3.0**	**2.0**	**161.6**	**1.0**	**1.0**	**2.0**	**3.0**	**3.0**	**1.0**	**1.0**	**1691**
Adams L.																	0
Alberta Use	0	0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Domestic Use	11.0	200.0	199.0	144.0	241.0	52.0	2.0	1.0	90.0	1.0	1.0	1.0	2.0	2.0	1.0	1.0	947.0
Total	**31**	**557**	**554**	**401**	**671**	**145**	**5**	**3**	**252**	**2**	**2**	**3**	**5**	**5**	**2**	**2**	**2640**

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
2006-01-17 16:35
REGINA, SASK.

FRENCHMAN RIVER AT INTERNATIONAL BOUNDARY

STATION NO. 11AC041

CompuMod 1.7.3

MEAN DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 2005

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.320 B	3.71	1.70	0.913	0.369	0.868	1.82	0.003	0.027	---	1
2	---	---	0.320 B	3.76	1.68	0.844	0.235	0.877	1.79	0.002	0.021	---	2
3	---	---	0.320 B	3.80	1.45	0.824	0.909	0.878	1.78	0.002	0.024	---	3
4	---	---	0.340 B	3.97	1.31	0.805	1.41	0.881	1.72	0.001	0.033	---	4
5	---	---	0.450 B	3.69	1.30	0.770	1.42	0.883	1.54	0.001	0.039	---	5
6	---	---	0.686 B	6.10	1.28	0.713	1.40	0.886	1.32	0.001	0.058	---	6
7	---	---	0.694 B	8.77	1.24	0.623	1.36	0.886	0.843	0.000	0.057	---	7
8	---	---	0.670 B	9.31	1.03	0.469	1.32	0.885	0.542	0.000	0.060	---	8
9	---	---	0.600 B	9.40	0.754	0.253	1.27	0.887	0.364	0.000	0.063	---	9
10	---	---	0.900 B	8.58	0.522	0.232	1.20	0.888	0.227	0.000	0.066	---	10
11	---	---	1.40 B	7.13	0.330	0.220	1.07	0.891	0.208	0.000	0.067	---	11
12	---	---	0.700 B	6.93	0.225	0.234	1.01	0.895	0.203	0.000	0.070	---	12
13	---	---	0.680 B	6.79	0.193	0.261	0.929	0.898	0.192	0.000	0.070	---	13
14	---	---	0.690 B	6.73	0.165	0.242	0.880	0.898	0.169	0.000	0.058	---	14
15	---	---	0.690 B	6.74	0.159	0.151	0.760	0.901	0.092	0.000	0.043	---	15
16	---	---	0.800 B	6.28	0.134	0.111	0.481	0.908	0.054	0.000	---	---	16
17	---	---	11.1	5.63	0.119	0.128	0.298	0.914	0.037	0.000	---	---	17
18	---	---	17.5	2.86	0.394	0.121	0.201	0.914	0.029	0.000	---	---	18
19	---	---	3.41	1.61	1.34	0.086	0.109	0.914	0.023	0.000	---	---	19
20	---	---	1.52	1.82	1.34	0.055	0.050	0.796	0.017	0.000	---	---	20
21	---	---	1.41	1.80	1.20	0.038	0.343	0.547	0.014	0.000	---	---	21
22	---	---	1.35	2.68	1.17	0.032	1.51	0.498	0.011	0.000	---	---	22
23	---	---	1.11	3.51	1.21	0.029	1.22	0.476	0.009	0.000	---	---	23
24	---	---	0.778	3.80	1.17	0.035	0.999	0.397	0.007	0.882	---	---	24
25	---	---	1.61	3.66	1.14	0.041	0.914	0.272	0.006	1.36	---	---	25
26	---	---	2.08	3.44	1.11	0.043	0.858	0.185	0.006	1.37	---	---	26
27	---	---	2.25	3.41	1.08	0.045	0.858	0.110	0.005	0.829	---	---	27
28	---	---	3.18	3.03	1.07	1.02	0.859	0.088	0.004	0.311	---	---	28
29	---		3.64	2.32	1.05	2.95	0.863	1.06	0.004	0.133	---	---	29
30	---		3.30	1.89	1.02	0.866	0.865	1.77	0.003	0.063	---	---	30
31	---		2.19		1.01		0.862	1.79		0.037		---	31
TOTAL			66.688	143.15	28.895	13.154	26.832	24.941	13.039	4.995			TOTAL
MEAN			2.15	4.77	0.932	0.438	0.866	0.805	0.435	0.161			MEAN
DAM3			5760	12400	2500	1140	2320	2150	1130	432			DAM3
MAX			17.5	9.40	1.70	2.95	1.51	1.79	1.82	1.37			MAX
MIN			0.320	1.61	0.119	0.029	0.050	0.088	0.003	0.000			MIN

SUMMARY FOR THE YEAR:
Maximum daily discharge,17.5 M3/S On 2005-03-18
Minimum daily discharge, 0.002 M3/S On 2005-10-07
Max Inst discharge, 22.2 M3/S @ 10:00:00 CST On 2005-03-18
Min Inst discharge, 0.000 M3/S @ 00:00:00 CST On 2005-10-07

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
2006-01-25 08:48
REGINA, SASK.

BELANGER CREEK DIVERSION TO CYPRESS LAKE

STATION NO. 11AC064

CompuMod 1.7.3

MEAN DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 2005

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.000 B	0.050 B	0.000 B	2.29 B	0.162	0.000	0.531	0.000	0.000	0.000	0.000	---	1
2	0.000 B	0.094 B	0.000 B	2.44 B	0.511	0.000	0.521	0.000	0.000	0.000	0.000	---	2
3	0.000 B	0.107 B	0.000 B	3.06 B	0.476	0.000	0.491	0.000	0.000	0.000	---	---	3
4	0.000 B	0.094 B	0.000 B	2.98	0.508	0.000	0.460	0.000	0.000	0.000	---	---	4
5	0.000 B	0.027 B	0.000 B	2.07	0.506	0.000	0.433	0.000	0.000	0.000	---	---	5
6	0.000 B	0.004 B	0.000 B	1.22	0.463	0.427	0.412	0.000	0.000	0.000	---	---	6
7	0.000 B	0.004 B	0.000 B	0.929	0.410	2.70	0.380	0.000	0.000	0.000	---	---	7
8	0.000 B	0.000 B	0.000 B	0.758	0.370	5.35	0.249 A	0.000	0.000	0.000	---	---	8
9	0.000 B	0.000 B	0.000 B	0.842	0.381	2.98	0.000	0.000	0.000	0.000	---	---	9
10	0.000 B	0.000 B	0.000 B	0.525	0.363	2.29	0.000	0.000	0.000	0.000	---	---	10
11	0.000 B	0.000 B	0.000 B	0.842	0.363	1.76	0.000	0.000	0.000	0.000	---	---	11
12	0.000 B	0.000 B	0.000 B	1.48	0.180	1.32	0.000	0.000	0.000	0.000	---	---	12
13	0.000 B	0.000 B	0.000 B	2.17	0.001	1.23	0.000	0.000	0.000	0.000	---	---	13
14	0.000 B	0.000 B	0.000 B	2.68	0.000	0.847	0.000	0.000	0.000	0.000	---	---	14
15	0.000 B	0.000 B	0.000 B	1.88	0.000	0.312	0.000	0.000	0.000	0.000	---	---	15
16	0.000 B	0.000 B	0.000 B	1.30	0.000	0.692	0.000	0.000	0.000	0.000	---	---	16
17	0.000 B	0.000 B	0.000 B	0.979	0.000	2.54	0.000	0.000	0.000	0.000	---	---	17
18	0.000 B	0.000 B	0.000 B	1.30	0.000	3.23	0.000	0.000	0.000	0.000	---	---	18
19	0.000 B	0.000 B	0.000 B	1.10	0.000	2.07	0.000	0.000	0.000	0.000	---	---	19
20	0.000 B	0.000 B	0.000 B	0.763	0.000	1.31	0.000	0.000	0.000	0.000	---	---	20
21	0.000 B	0.000 B	0.000 B	0.575	0.000	0.975	0.000	0.000	0.000	0.000	---	---	21
22	0.040 B	0.000 B	0.000 B	0.478	0.000	0.807	0.000	0.000	0.000	0.000	---	---	22
23	0.065 B	0.000 B	0.000 B	0.406	0.000	0.686	0.000	0.000	0.000	0.000	---	---	23
24	0.090 B	0.000 B	0.000 B	0.390	0.000	0.589	0.000	0.000	0.000	0.000	---	---	24
25	0.140 B	0.000 B	0.000 B	0.485	0.000	0.562	0.000	0.000	0.000	0.000	---	---	25
26	0.200 B	0.000 B	0.000 B	0.498	0.000	0.539	0.000	0.000	0.000	0.000	---	---	26
27	0.400 B	0.000 B	0.000 B	0.489	0.000	0.519	0.000	0.000	0.000	0.000	---	---	27
28	0.177 B	0.000 B	0.002 B	0.498	0.000	0.571	0.000	0.000	0.000	0.000	---	---	28
29	0.139 B		0.266 B	0.399	0.000	0.542	0.000	0.000	0.000	0.000	---	---	29
30	0.069 B		1.96 B	0.001	0.000	0.526	0.000	0.000	0.000	0.000	---	---	30
31	0.046 B		1.98 B		0.000		0.000	0.000		0.000		---	31
TOTAL	1.366	0.380	4.208	35.827	4.694	35.374	3.477	0.000	0.000	0.000			TOTAL
MEAN	0.044	0.014	0.136	1.19	0.151	1.18	0.112	0.000	0.000	0.000			MEAN
DAM3	118	32.8	364	3100	406	3060	300	0.000	0.000	0.000			DAM3
MAX	0.400	0.107	1.98	3.06	0.511	5.35	0.531	0.000	0.000	0.000			MAX
MIN	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000			MIN

SUMMARY FOR THE YEAR:
Maximum daily discharge, 5.35 M3/S On 2005-06-08
Minimum daily discharge, 0.000 B M3/S On 2005-01-01
Max 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

APPROVED BY THE FIELD REPRESENTATIVES OF CANADA AND THE UNITED STATES

WATER SURVEY OF CANADA
2006-03-02 13:54
REGINA, SASK.

CYPRESS LAKE

STATION NO. 11AC037

CompuMod 1.7.3

MEAN DAILY WATER LEVEL IN METRES FOR 2005

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	970.725	970.808	971.040	970.777	971.112	970.973	970.870	970.834 E	970.861	---	1
2	---	---	970.725	970.833	971.041	970.773	971.107	970.976	970.868	970.833 E	970.836 A	---	2
3	---	---	970.723	970.863	971.040	970.788	971.102	970.965	970.865	970.832 E	---	---	3
4	---	---	970.722	970.879	971.033	970.803	971.102	970.958	970.863	970.831 E	---	---	4
5	---	---	970.723	970.891	971.022	970.812	971.100	970.951	970.854	970.830 E	---	---	5
6	---	---	970.728	970.905	971.011	970.840	971.094	970.947	970.854	970.829 E	---	---	6
7	---	---	970.726	970.931	971.013	970.867	971.092	970.944	970.849	970.828 E	---	---	7
8	---	---	970.727	970.944	970.988	970.901	971.089	970.947	970.843	970.827 E	---	---	8
9	---	---	970.728	970.982	970.973	970.940	971.082	970.943	970.849	970.826 E	---	---	9
10	---	---	970.729	970.981	970.983	970.960	971.075	970.949	970.860	970.825 E	---	---	10
11	---	---	970.729	970.985	970.945	970.977	971.069	970.943	970.844	970.824 E	---	---	11
12	---	---	970.743	970.988	970.927	970.994	971.068	970.944	970.862	970.823 E	---	---	12
13	---	---	970.741	971.001	970.921	971.012	971.066	970.939	970.856	970.821 A	---	---	13
14	---	---	970.737	970.984	970.900	971.027 A	971.055	970.940	970.858	970.834	---	---	14
15	---	---	970.738	970.994	970.890	971.036 A	971.052	970.939	970.859	970.836	---	---	15
16	---	---	970.745	971.019	970.875	971.051	971.046	970.936	970.861	970.823	---	---	16
17	---	---	970.749	971.026	970.861	971.072	971.037	970.931	970.855	970.835	---	---	17
18	---	---	970.753	971.037	970.844	971.074	971.037	970.920	970.855 E	970.842	---	---	18
19	---	---	970.754	971.040	970.815	971.089	971.042	970.913	970.850 E	970.843	---	---	19
20	---	---	970.757	971.041	970.825	971.113	971.032	970.913	970.850 E	970.839	---	---	20
21	---	---	970.757	971.042	970.804	971.121	971.029	970.910	970.850 E	970.837	---	---	21
22	---	970.736 A	970.759	971.039	970.812	971.125	971.027	970.912	970.848 E	970.840	---	---	22
23	---	970.734	970.769	971.040	970.801	971.114	971.004	970.905	970.845 E	970.838	---	---	23
24	---	970.732	970.761	971.045	970.803	971.122	971.018	970.902	970.842 E	970.836	---	---	24
25	---	970.730	970.762	971.043	970.800	971.117	971.001	970.896	970.840 E	970.838	---	---	25
26	---	970.731	970.764	971.050	970.806	971.119	970.998	970.916	970.838 E	970.837	---	---	26
27	---	970.727	970.766	971.048	970.807	971.120	970.996	970.905 E	970.836 E	970.839	---	---	27
28	---	970.726	970.769	971.040	970.800	971.116	970.993	970.895 E	970.837 E	970.838	---	---	28
29	---		970.774	971.036	970.788	971.117	970.987	970.885 E	970.836 E	970.831	---	---	29
30	---		970.788	971.051	970.781	971.114	970.983	970.875 E	970.835 E	970.834	---	---	30
31	---		970.803		970.779		970.977	970.870 A		970.839		---	31
TOTAL			30093.174	29129.566	30097.728	29130.091	30102.472	30098.742	29125.532	30095.822			TOTAL
MEAN			970.748	970.986	970.894	971.003	971.048	970.927	970.851	970.833			MEAN
MAX			970.803	971.051	971.041	971.125	971.112	970.976	970.870	970.843			MAX
MIN			970.722	970.808	970.779	970.773	970.977	970.870	970.835	970.821			MIN

SUMMARY FOR THE YEAR:

A - MANUAL GAUGE B - ICE CONDITIONS E - ESTIMATED

Maximum daily water level, 971.125 Metres On 2005-06-22
Minimum daily water level, 970.722 Metres On 2005-03-04
Max Inst water level, 971.138 Metres @ 12:45:00 CST On 2005-06-29
Min Inst water level, 970.719 Metres @ 10:30:00 CST On 2005-03-03
Water levels are referred to 035 GEODETIC SURVEY OF CANADA DATUM
REMARKS, 2005 MAXIMUM INSTANTANEOUS WATER LEVEL WAS THE RESULT OF WIND SET-UP.

APPROVED BY THE FIELD REPRESENTATIVES OF CANADA AND THE UNITED STATES

WATER SURVEY OF CANADA
2006-01-21 14:335
REGINA, SASK.

CYPRESS LAKE EAST OUTFLOW CANAL

STATION NO. 11AC060

CompuMod 1.7.3

MEAN DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 2005

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.017 B	0.130 B	0.204	0.020	0.206	0.007	0.012	0.018	0.020	---	1
2	---	---	0.018 B	0.125 B	0.166	0.026	0.159	0.007	0.012	0.019	0.020 A	---	2
3	---	---	0.020 B	0.120 B	0.140	0.108	0.119	0.007	0.011	0.018	---	---	3
4	---	---	0.022 B	0.110 B	0.117	0.093	0.082	0.007	0.011	0.019	---	---	4
5	---	---	0.024 B	0.100 B	0.096	0.085	0.055	0.007	0.012	0.020	---	---	5
6	---	---	0.026 B	0.093 B	0.080	0.100	0.040	0.007	0.010	0.021	---	---	6
7	---	---	0.028 B	0.056	0.061	0.134	0.028	0.007	0.010	0.023	---	---	7
8	---	---	0.030 B	0.033	0.045	0.126	0.019	0.007	0.010	0.020	---	---	8
9	---	---	0.035 B	0.044	0.032	0.114	0.024	0.007	0.011	0.020	---	---	9
10	---	---	0.038 B	0.075	0.018	0.106	0.026	0.008	0.012	0.021	---	---	10
11	---	---	0.047 B	0.048	0.014	0.098	0.021	0.010	0.014	0.020	---	---	11
12	---	---	0.060 B	0.050	0.009	0.095	0.020	0.010	0.013	0.021	---	---	12
13	---	---	0.075 B	0.059	0.007	0.104	0.015	0.011	0.013	0.022	---	---	13
14	---	---	0.085 B	0.063	0.007	0.140	0.013	0.011	0.013	0.018	---	---	14
15	---	---	0.089 B	0.021	0.007	0.753	0.010	0.011	0.014	0.020	---	---	15
16	---	---	0.092 B	0.031	0.007	0.592	0.010	0.011	0.014	0.021	---	---	16
17	---	---	0.096 B	0.069	0.009	0.124	0.012	0.012	0.018	0.020	---	---	17
18	---	---	0.100 B	0.148	0.011	0.118	0.010	0.012	0.022	0.022	---	---	18
19	---	---	0.104 B	0.384	0.011	0.106	0.008	0.011	0.024	0.023	---	---	19
20	---	---	0.108 B	0.477	0.007	0.096	0.009	0.011	0.020	0.023	---	---	20
21	---	0.015 B	0.112 B	0.704	0.011	0.093	0.009	0.013	0.018	0.022	---	---	21
22	---	0.015 B	0.116 B	0.595	0.009	0.092	0.009	0.011	0.018	0.021	---	---	22
23	---	0.015 B	0.119 B	0.518	0.012	0.090	0.009	0.010	0.018	0.021	---	---	23
24	---	0.015 B	0.122 B	0.471	0.011	0.084	0.008	0.013	0.018	0.021	---	---	24
25	---	0.016 B	0.124 B	0.433	0.015	0.087	0.008	0.013	0.020	0.020	---	---	25
26	---	0.016 B	0.126 B	0.397	0.015	0.083	0.008	0.011	0.020	0.021	---	---	26
27	---	0.016 B	0.128 B	0.370	0.016	0.136	0.008	0.011	0.017	0.022	---	---	27
28	---	0.017 B	0.129 B	0.341	0.016	0.366	0.008	0.011	0.017	0.022	---	---	28
29	---		0.130 B	0.315	0.018	0.338	0.008	0.011	0.019	0.022	---	---	29
30	---		0.132 B	0.253	0.020	0.267	0.008	0.012	0.017	0.021	---	---	30
31	---		0.133 B		0.020		0.008	0.013		0.021		---	31
TOTAL			2.485	6.633	1.211	4.774	0.977	0.310	0.458	0.643			TOTAL
MEAN			0.080	0.221	0.039	0.159	0.032	0.010	0.015	0.021			MEAN
DAM3			215	573	105	412	84.4	26.8	39.6	55.6			DAM3
MAX			0.133	0.704	0.204	0.753	0.206	0.013	0.024	0.023			MAX
MIN			0.017	0.021	0.007	0.020	0.008	0.007	0.010	0.018			MIN

SUMMARY FOR THE YEAR:
Maximum daily discharge, 0.753 M3/S On 2005-06-15
Minimum daily discharge, 0.007 M3/S On 2005-05-13
Max Inst discharge, 0.924 M3/S @ 20:05:03 CST On 2005-06-15
Min Inst discharge, 0.005 M3/S @ 19:20:02 CST On 2005-05-16

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
2005

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	917.562	10075	0.000	0	609	1424	815
2	918.030	13182	0.000	0	1424	2045	621
3	918.385	15488	0.009	14	2045	2596	551
4	918.472	17563	0.053	93	2596	2750	154
5	918.577	18598	0.036	67	2750	2946	197
6	917.375	14032	0.041	58	2946	1212	-1734
7	917.930	12539	0.003	4	1212	1902	690
8	918.273	14763	0.045	66	1902	2417	515
9	918.255	15964	0.032	51	2417	2388	-29
10	918.376	16427	0.090	148	2388	2582	194
11	917.529	13920	0.094	131	2582	1385	-1197
12	917.536	11985	0.021	25	1385	1393	8
13	917.255	11330	0.051	58	1393	1080	-313
14	916.725	9126	0.024	22	1080	599	-481
15	916.725	7232	0.028	20	599	599	0
16	916.733	7260	0.018	13	599	605	6

EVAPORATION STATION IS VAL MARIE

WATER SURVEY OF CANADA
2006-01-18 14:35
REGINA, SASK.

EASTEND CANAL NEAR EASTEND

STATION NO. 11AC052

CompuMod 1.7.3

MEAN DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 2005

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	2.23	0.000	0.000	---	---	1
2	---	0.000	0.000	0.000	0.000	0.000	0.000	1.96	0.000	0.000	---	---	2
3	---	0.000	0.000	0.000	0.000	0.000	0.000	1.02	0.000	0.000	---	---	3
4	---	0.000	0.000	0.000	0.000	0.000	0.000	0.569	0.000	0.000	---	---	4
5	---	0.000	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	0.000	---	---	6
7	---	0.000	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	0.000	---	---	8
9	---	0.000	0.000	0.000	1.10	0.000	0.000	0.000	0.000	0.000	---	---	9
10	---	0.000	0.000	0.000	2.23	0.000	0.000	0.000	0.000	0.000	---	---	10
11	---	0.000	0.000	0.000	2.22	0.000	0.000	0.000	0.000	0.000	---	---	11
12	---	0.000	0.000	0.000	2.17	0.000	0.000	0.000	0.000	0.000	---	---	12
13	---	0.000	0.000	0.000	2.15	0.000	0.000	0.000	0.000	0.000	---	---	13
14	---	0.000	0.000	0.000	2.17	0.000	0.000	0.000	0.000	0.000	---	---	14
15	---	0.000	0.000	0.000	2.18	0.000	0.000	0.000	0.000	0.000	---	---	15
16	---	0.000	0.000	0.000	2.16	0.000	0.000	0.000	0.000	0.000	---	---	16
17	---	0.000	0.000	0.000	2.21	0.000	0.000	0.000	0.000	0.000	---	---	17
18	---	0.000	0.000	0.000	2.24	0.000	0.000	0.000	0.000	0.000	---	---	18
19	---	0.000	0.000	0.000	2.30	0.000	0.000	0.000	0.000	0.000	---	---	19
20	---	0.000	0.000	0.000	2.30	0.000	0.000	0.000	0.000	0.000	---	---	20
21	---	0.000	0.000	0.000	2.28	0.000	0.000	0.000	0.000	0.000	---	---	21
22	---	0.000	0.000	0.000	2.37	0.000	0.000	0.000	0.000	0.000	---	---	22
23	---	0.000	0.000	0.000	2.33	0.000	0.000	0.000	0.000	0.000	---	---	23
24	---	0.000	0.000	0.000	2.28	0.000	0.000	0.000	0.000	0.000	---	---	24
25	---	0.000	0.000	0.000	2.23	0.000	0.000	0.000	0.000	0.000	---	---	25
26	---	0.000	0.000	0.000	2.08	0.000	0.000	0.000	0.000	0.000	---	---	26
27	---	0.000	0.000	0.000	1.87	0.000	1.34	0.000	0.000	0.000	---	---	27
28	---	0.000	0.000	0.000	1.51	0.000	2.02	0.000	0.000	0.000	---	---	28
29	---		0.000	0.000	0.327	0.000	2.03	0.000	0.000	0.000	---	---	29
30	---		0.000	0.000	0.000	0.000	2.12	0.000	0.000	0.000	---	---	30
31	---		0.000		0.000		2.25	0.000		0.000		---	31
TOTAL		0.000	0.000	0.000	42.707	0.000	9.760	5.779	0.000	0.000			TOTAL
MEAN		0.000	0.000	0.000	1.38	0.000	0.315	0.186	0.000	0.000			MEAN
DAM3		0.000	0.000	0.000	3690	0.000	843	499	0.000	0.000			DAM3
MAX		0.000	0.000	0.000	2.37	0.000	2.25	2.23	0.000	0.000			MAX
MIN		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000			MIN

SUMMARY FOR THE YEAR:
Maximum daily discharge, 2.37 M3/S On 2005-05-22
Minimum daily discharge, 0.000 M3/S On 2005-02-01
Max Inst discharge, not valid
Min Inst discharge, not valid

A - MANUAL GAUGE B - ICE CONDITIONS E - ESTIMATED D - DRY
HQ #13.00: 2005-01-01 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
2005

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		M			2.4	T		7.2			12.0			7.2			0.0	3.2		1
2	0.0	0.0		3.6			4.8	0.4		4.8			9.6			2.4			2.4	0.4		2
3	0.0	0.0		2.4			2.4	1.0		6.8	4.6		7.2			9.0			2.4			3
4	0.0	0.0		4.8			4.8			7.2	0.4		9.6			4.8			2.4			4
5	0.0	0.0		9.6			2.4	0.6		7.2			9.6			4.8			0.0	1.0		5
6	0.0	0.0		7.2			-1.0	5.6		7.2			11.4			4.8			2.4			6
7	5.8	0.0		7.2	0.6		-38.4	39.4		7.2			9.6			7.2			4.8			7
8	7.2	0.0	0.009	12.0		0.036	4.8	0.6	0.003	8.8		0.032	12.0		0.094	4.8		0.051	2.4		0.026	8
9	8.0	0.0		0.0			0.0	1.6		7.2	2.4		2.4	5.4		7.2			M			9
10	0.0	5.8		2.4			2.4	1.8		9.6			2.4	1.2		4.8	1.4		4.8			10
11	4.8	0.0		9.6			4.0	0.4		7.2			2.4	2.4		-18.0	19.4		4.8			11
12	2.4	0.0	0.018	4.8		0.044	4.8	0.8	-0.012	9.6		0.037	7.2	1.0	0.083	4.4	0.8	0.031	4.8		0.028	12
13	7.2	0.0		-0.8			2.4	1.8		9.6			2.4	1.4		4.0			2.4			13
14	7.2	0.0		6.6			4.8	0.8		8.2			4.8	0.4		4.8			7.2			14
15	2.4	0.0		M			4.8	0.4		8.8			7.2			2.4			4.8			15
16	7.2	0.0		9.6	1.6		3.2	1.0		9.6			7.2			2.4			2.4			16
17	4.8	0.0		-2.4	6.0		4.2	0.4		M			4.8			2.4			0.0			17
18	4.8	0.0		-3.6	5.4		4.8	2.8		7.2	5.4		M			4.8			-3.8	6.0		18
19	5.2	0.0		9.6			9.6	0.4		9.6			M			2.4			2.4			19
20	4.8	0.0		7.2			7.2			7.2			M			4.8			-4.8	6.4		20
21	4.8	0.0		4.8	4.8		7.2	3.6		8.6			18.4	4.0		7.2			2.4			21
22	7.2	0.0		9.6	1.0		4.8	0.4		9.6			9.6			4.8			3.0			22
23	7.2	0.0	0.053	3.4	2.2		7.2	0.4	0.045	6.4			-12.0	22.0		4.8		0.024	M			23
24	4.8	0.0		7.2	T	0.041	12.0			13.4		0.089	-6.0	10.4	0.021	0.0			M		0.018	24
25	M	0.0		4.8	0.4		7.2	0.4		7.2	0.8		2.4	3.0		2.4			M			25
26	M	0.0		7.2	T		2.6	0.4		M			4.8	0.6		4.8			M			26
27	M	0.0	0.047	9.6			3.2		0.056	12.0	0.6		4.8			7.2		0.041	M			27
28	M	0.0		9.6		0.051	-12.4	14.8		7.2	0.6	0.085	7.2		0.026	0.0			M		0.008	28
29	M	0.0		4.8			-5.6	9.4		10.6			4.8			4.8			M			29
30	M	0.0		2.4			-4.8	0.6		9.6			7.8			5.4			M			30
31				4.8						7.2			-0.4	4.2					M			31
	95.8	5.8		158.0	22.0		55.8	89.8		242.0	14.8		163.2	56.0		112.8	21.6		47.2	17.0		

APPROVED BY THE FIELD REPRESENTATIVES OF CANADA AND THE UNITED STATES

STORAGE FACTORS AND EVAPORATION LOSSES
2005

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	815.862	20480	0.000	0	3894	3864	-30
2	815.753	20232	0.000	0	3864	3641	-223
3	815.846	20200	0.018	36	3641	3832	191
4	815.815	20324	0.047	96	3832	3770	-62
5	815.831	20292	0.044	90	3770	3802	32
6	814.842	17985	0.051	92	3802	2021	-1781
7	815.456	17096	-0.012	-20	2021	3056	1035
8	815.897	19585	0.056	109	3056	3934	878
9	815.762	20320	0.037	76	3934	3660	-274
10	815.652	19735	0.085	168	3660	3434	-226
11	813.764	14756	0.083	122	3434	786	-2648
12	813.550	6792	0.026	18	786	641	-144
13	814.144	7862	0.031	25	641	1118	477
14	814.754	12739	0.041	53	1118	1886	767
15	814.983	15745	0.028	43	1886	2253	367
16	815.286	17040	0.007	13	2253	2755	502

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

STORAGE FACTORS AND EVAPORATION LOSSES
2005

NEWTON LAKE 11AC056

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	803.929	69483	0.000	0	14716	16527	1811
2	803.379	66972	0.000	0	16527	12865	-3662
3	803.358	60394	0.018	109	12865	12739	-126
4	803.300	59354	0.047	281	12739	12392	-347
5	803.400	59900	0.044	266	12392	12991	599
6	802.837	54680	0.051	280	12991	9902	-3089
7	802.920	50285	-0.012	-60	9902	10319	417
8	803.201	53559	0.056	299	10319	11824	1505
9	803.220	56553	0.037	211	11824	11933	109
10	802.838	52951	0.085	450	11933	9907	-2026
11	802.167	45039	0.083	374	9907	6881	-3026
12	802.003	40235	0.026	106	6881	6221	-660
13	801.776	38200	0.031	119	6221	5356	-865
14	801.732	36794	0.041	152	5356	5193	-162
15	801.703	36398	0.028	100	5193	5087	-106
16	801.488	35152	0.007	26	5087	4333	-754

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

WATER SURVEY OF CANADA
2006-01-19 14:18
REGINA, SASK.

HUFF LAKE GRAVITY CANAL

STATION NO. 11AC065

CompuMod 1.7.3

MEAN DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 2005

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0.000	0.000	0.000	0.000	0.720	0.000	1.44	0.000	0.000	---	---	1
2	---	0.000	0.000	0.000	0.000	0.478	0.000	1.49	0.000	0.000	---	---	2
3	---	0.000	0.000	0.000	0.000	0.284	0.000	1.46	0.000	0.000	---	---	3
4	---	0.000	0.000	0.000	0.000	0.000	0.000	1.42	0.000	0.000	---	---	4
5	---	0.000	0.000	0.000	0.000	0.000	0.000	1.39	0.000	0.000	---	---	5
6	---	0.000	0.000	0.000	0.000	0.000	0.000	1.39	0.000	0.000	---	---	6
7	---	0.000	0.000	0.000	0.000	0.000	0.000	1.35	0.000	0.000	---	---	7
8	---	0.000	0.000	0.000	0.000	0.000	0.000	1.29	0.000	0.000	---	---	8
9	---	0.000	0.000	0.000	0.000	0.000	0.000	1.21	0.000	0.000	---	---	9
10	---	0.000	0.000	0.000	0.000	0.000	0.000	1.09	0.000	0.000	---	---	10
11	---	0.000	0.000	0.000	0.000	0.000	0.000	0.985	0.000	0.000	---	---	11
12	---	0.000	0.000	0.000	0.806	0.000	0.000	0.921	0.000	0.000	---	---	12
13	---	0.000	0.000	0.000	0.481	0.000	0.000	0.596	0.000	0.000	---	---	13
14	---	0.000	0.000	0.000	0.230	0.000	0.000	0.345	0.000	0.000	---	---	14
15	---	0.000	0.000	0.000	0.666	0.000	0.000	0.140	0.000	0.000	---	---	15
16	---	0.000	0.000	0.000	0.762	0.000	0.000	0.000	0.000	0.000	---	---	16
17	---	0.000	0.000	0.000	1.04	0.000	0.000	0.000	0.000	0.000	---	---	17
18	---	0.000	0.000	0.000	1.12	0.000	0.000	0.000	0.000	0.000	---	---	18
19	---	0.000	0.000	0.000	0.855	0.000	0.000	0.000	0.000	0.000	---	---	19
20	---	0.000	0.000	0.000	0.969	0.000	0.000	0.000	0.000	0.000	---	---	20
21	---	0.000	0.000	0.000	1.12	0.000	0.000	0.000	0.000	0.000	---	---	21
22	---	0.000	0.000	0.000	1.14	0.000	0.000	0.000	0.000	0.000	---	---	22
23	---	0.000	0.000	0.000	1.31	0.000	0.000	0.000	0.000	0.000	---	---	23
24	---	0.000	0.000	0.000	1.50	0.000	0.000	0.000	0.000	0.000	---	---	24
25	---	0.000	0.000	0.000	1.49	0.000	0.000	0.000	0.000	0.000	---	---	25
26	---	0.000	0.000	0.000	1.30	0.000	0.000	0.000	0.000	0.000	---	---	26
27	---	0.000	0.000	0.000	1.20	0.000	0.734	0.000	0.000	0.000	---	---	27
28	---	0.000	0.000	0.000	1.16	0.000	0.813	0.000	0.000	0.000	---	---	28
29	---		0.000	0.000	1.13	0.000	0.895	0.000	0.000	0.000	---	---	29
30	---		0.000	0.000	1.08	0.000	0.893	0.000	0.000	0.000	---	---	30
31	---		0.000		1.03		1.01	0.000		0.000		---	31
TOTAL		0.000	0.000	0.000	20.389	1.482	4.345	16.517	0.000	0.000			TOTAL
MEAN		0.000	0.000	0.000	0.658	0.049	0.140	0.533	0.000	0.000			MEAN
DAM3		0.000	0.000	0.000	1760	128	375	1430	0.000	0.000			DAM3
MAX		0.000	0.000	0.000	1.50	0.720	1.01	1.49	0.000	0.000			MAX
MIN		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000			MIN

SUMMARY FOR THE YEAR:
Maximum daily discharge, 1.50 M3/S On 2005-05-24
Minimum daily discharge, 0.000 M3/S On 2005-02-01
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
2006-01-21 11:04
REGINA, SASK.

HUFF LAKE PUMPING CANAL

STATION NO. 11AC066

CompuMod 1.7.3

MEAN DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 2005

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.000	0.000	0.000	0.650	0.000	0.623	0.000	0.000	0.000	---	1
2	---	---	0.000	0.000	0.000	0.640	0.000	0.637	0.000	0.000	---	---	2
3	---	---	0.000	0.000	0.000	0.628	0.000	0.632	0.000	0.000	---	---	3
4	---	---	0.000	0.000	0.000	0.305	0.000	0.623	0.000	0.000	---	---	4
5	---	---	0.000	0.000	0.000	0.000	0.000	0.616	0.000	0.000	---	---	5
6	---	---	0.000	0.000	0.000	0.000	0.000	0.615	0.000	0.000	---	---	6
7	---	---	0.000	0.000	0.000	0.000	0.000	0.607	0.000	0.000	---	---	7
8	---	---	0.000	0.000	0.000	0.000	0.000	0.610	0.000	0.000	---	---	8
9	---	---	0.000	0.000	0.000	0.000	0.000	0.607	0.000	0.000	---	---	9
10	---	---	0.000	0.000	0.000	0.000	0.000	0.603	0.000	0.000	---	---	10
11	---	---	0.000	0.000	0.000	0.000	0.000	0.603	0.000	0.000	---	---	11
12	---	---	0.000	0.000	0.537	0.000	0.000	0.577	0.000	0.000	---	---	12
13	---	---	0.000	0.000	0.688	0.000	0.000	0.586	0.000	0.000	---	---	13
14	---	---	0.000	0.000	0.693	0.000	0.000	0.580	0.000	0.000	---	---	14
15	---	---	0.000	0.000	0.691	0.000	0.000	0.576	0.000	0.000	---	---	15
16	---	---	0.000	0.000	0.736	0.000	0.000	0.573	0.000	0.000	---	---	16
17	---	---	0.000	0.000	0.719	0.000	0.000	0.570	0.000	0.000	---	---	17
18	---	---	0.000	0.000	0.700	0.000	0.000	0.566	0.000	0.000	---	---	18
19	---	---	0.000	0.000	0.680	0.000	0.000	0.563	0.000	0.000	---	---	19
20	---	0.000	0.000	0.000	0.595	0.000	0.000	0.306	0.000	0.000	---	---	20
21	---	0.000	0.000	0.000	0.701	0.000	0.000	0.000	0.000	0.000	---	---	21
22	---	0.000	0.000	0.000	0.709	0.000	0.000	0.000	0.000	0.000	---	---	22
23	---	0.000	0.000	0.000	0.718	0.000	0.000	0.000	0.000	0.000	---	---	23
24	---	0.000	0.000	0.000	0.725	0.000	0.000	0.000	0.000	0.000	---	---	24
25	---	0.000	0.000	0.000	0.734	0.000	0.000	0.000	0.000	0.000	---	---	25
26	---	0.000	0.000	0.000	0.721	0.000	0.000	0.000	0.000	0.000	---	---	26
27	---	0.000	0.000	0.000	0.708	0.000	0.494	0.000	0.000	0.000	---	---	27
28	---	0.000	0.000	0.000	0.696	0.000	0.652	0.000	0.000	0.000	---	---	28
29	---		0.000	0.000	0.685	0.000	0.651	0.000	0.000	0.000	---	---	29
30	---		0.000	0.000	0.653	0.000	0.648	0.000	0.000	0.000	---	---	30
31	---		0.000		0.661		0.645	0.000		0.000		---	31
TOTAL			0.000	0.000	13.750	2.223	3.090	11.673	0.000	0.000			TOTAL
MEAN			0.000	0.000	0.444	0.074	0.100	0.377	0.000	0.000			MEAN
DAM3			0.000	0.000	1190	192	267	1010	0.000	0.000			DAM3
MAX			0.000	0.000	0.736	0.650	0.652	0.637	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, 0.736 M3/S On 2005-05-16
Minimum daily discharge, 0.000 M3/S On 2005-02-20
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
2006-01-21 09:22
REGINA, SASK.

NEWTON LAKE MAIN CANAL

STATION NO. 11AC054

CompuMod 1.7.3

MEAN DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 2005

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.000	0.000	0.000	1.60	0.000	2.52	0.000	0.000	---	---	1
2	---	---	0.000	0.000	0.000	1.06	0.000	2.06	0.000	0.000	---	---	2
3	---	---	0.000	0.000	0.000	0.156	0.000	2.08	0.000	0.000	---	---	3
4	---	---	0.000	0.000	0.000	0.000	0.000	2.49	0.000	0.000	---	---	4
5	---	---	0.000	0.000	0.000	0.000	0.000	2.56	0.000	0.000	---	---	5
6	---	---	0.000	0.000	0.000	0.000	0.000	2.53	0.000	0.000	---	---	6
7	---	---	0.000	0.000	0.000	0.000	0.000	2.51	0.000	0.000	---	---	7
8	---	---	0.000	0.000	0.000	0.000	0.000	2.73	0.000	0.000	---	---	8
9	---	---	0.000	0.000	0.000	0.000	0.000	2.64	0.000	0.000	---	---	9
10	---	---	0.000	0.000	0.000	0.000	0.000	2.43	0.000	0.000	---	---	10
11	---	---	0.000	0.000	0.000	0.000	0.000	2.41	0.000	0.000	---	---	11
12	---	---	0.000	0.000	0.067	0.000	0.000	2.39	0.000	0.000	---	---	12
13	---	---	0.000	0.000	1.76	0.000	0.000	1.90	0.000	0.000	---	---	13
14	---	---	0.000	0.000	2.10	0.000	0.000	1.38	0.000	0.000	---	---	14
15	---	---	0.000	0.000	2.18	0.000	0.000	0.913	0.000	0.000	---	---	15
16	---	---	0.000	0.000	2.62	0.000	0.000	0.513	0.000	0.000	---	---	16
17	---	---	0.000	0.000	2.78	0.000	0.000	0.280	0.000	0.000	---	---	17
18	---	---	0.000	0.000	3.13	0.000	0.000	0.000	0.000	0.000	---	---	18
19	---	---	0.000	0.000	3.35	0.000	0.000	0.000	0.000	0.000	---	---	19
20	---	---	0.000	0.000	3.14	0.000	0.000	0.000	0.000	0.000	---	---	20
21	---	---	0.000	0.000	3.09	0.000	0.000	0.000	0.000	0.000	---	---	21
22	---	---	0.000	0.000	3.02	0.000	0.000	0.000	0.000	0.000	---	---	22
23	---	---	0.000	0.000	3.23	0.000	0.000	0.000	0.000	0.000	---	---	23
24	---	---	0.000	0.000	3.24	0.000	0.000	0.000	0.000	0.000	---	---	24
25	---	---	0.000	0.000	3.17	0.000	0.000	0.000	0.000	0.000	---	---	25
26	---	---	0.000	0.000	2.70	0.000	0.000	0.000	0.000	0.000	---	---	26
27	---	---	0.000	0.000	2.51	0.000	0.110	0.000	0.000	0.000	---	---	27
28	---	---	0.000	0.000	1.99	0.000	2.72	0.000	0.000	0.000	---	---	28
29	---		0.000	0.000	1.78	0.000	3.25	0.000	0.000	0.000	---	---	29
30	---		0.000	0.000	1.95	0.000	3.20	0.000	0.000	0.000	---	---	30
31	---		0.000		1.74		3.12	0.000		0.000		---	31
TOTAL			0.000	0.000	49.547	2.816	12.400	34.336	0.000	0.000			TOTAL
MEAN			0.000	0.000	1.60	0.094	0.400	1.11	0.000	0.000			MEAN
DAM3			0.000	0.000	4280	243	1070	2970	0.000	0.000			DAM3
MAX			0.000	0.000	3.35	1.60	3.25	2.73	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, 3.350 M3/S On 2005-05-19
Minimum daily discharge, 0.000 M3/S On 2005-03-01
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
2005
(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
55						4.3	32.1		3.3	33.1			72.8
60													
65							92.0	65.7					157.7
70 A				16.4									16.4
70 B													
74													
80		4.8	24.0										28.8
93		4.8	24.0										28.8
118					22.8					15.4			38.2
121				20.6									20.6
122				30.8									30.8
123				14.4									14.4
124													
129				8.2	10.3								18.5
154	34.4	61.1	11.5										107.0
334		2.6	39.4	5.3									47.3
335		2.1	2.1										4.2
369			20.6										20.6
379							8.3						8.3
411		5.4	38.1										43.5
461													
479		4.1											4.1
507		8.2											8.2
657													
690													
943													
989													
992		8.2											8.2
1014													
1289				13.6									13.6
1589				6.6									6.6
1603													
1691													
1992													
2025													
2154													
2235													
2236													
2305													
2851													
2887													
3057													
3284													
3635													
3694													
3929													
3964				10.3									10.3

continued ...

FRENCHMAN RIVER BASIN MINOR DIVERSIONS (continued)
2005
(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
4579													
4665		11.4	0.9										12.3
4848				2.3	6.9								9.2
4865		8.2											8.2
4912													
4992													
5002													
5084			17.3										17.3
5085													
5086													
5235			42.8										42.8
5250					53.6								53.6
5278													
5298								17.3					17.3
5493			5.8										5.8
5525		27.0											27.0
5729													
5871													
6064		16.0	2.5										18.5
6339													
6432													
7312			4.1										4.1
7331													
7332													
7645													
7682													
7754													
7778													
7935													
8131				12.3									12.3
8201													
8322													
8345													
8632													
8696													
8756													
8855													
8856													
8901													
9076													
9137			3.3										3.3
9138													
9139			6.2	6.2									12.4
9140													
9219													
9254		7.6	7.2										14.8
9450													
9481			5.8										5.8

continued ...

FRENCHMAN RIVER BASIN MINOR DIVERSIONS (continued)
2005
(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
9490	8.2												8.2
9552		5.6	15.0										20.6
9571		4.1											4.1
9592													
9596													
9691													
9951			4.1										4.1
9957													
10035													
10064		8.2											8.2
10156													
10411		16.9	2.8										19.7
10425													
10659													
10804	6.2												6.2
10805	1.2												1.2
10836													
10853													
10864													
10962													
11142													
11237													
11372													
11409													
11431													
11447													
11448													
11449													
11450													
11451													
11452													
11455													
11608													
11617													
11618													
11835													
11864													
11974		7.6	45.5										53.1
11975		3.7	25.8										29.5
12082													
12207													
12213													
12232			1.5	13.7									15.2
12253													
12400													
12545													
12546													

continued ...

FRENCHMAN RIVER BASIN MINOR DIVERSIONS (continued)
2005
(VOLUME IN CUBIC DECAMETERS)

file	March		April		May		June		July		August		Sept.	
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	Total
12547														
12591		18.5	18.5											37.0
12599														
12600														
12647														
12670														
13524														
14420														
15061		56.7												56.7
15341														
15342														
15343														
15388														
15399			5.8	5.8										11.6
15400			83.3											83.3
15402														
15406														
15408														
15413			5.0	5.0										10.0
15416														
15450		13.8	2.6											16.4
15453														
15487														
15535														
15587														
15596														
15604														
15639	34.4													34.4
15706														
15714														
15760														
16447														
16545														
16625				17.3										17.3
16666														
16667														
V.M. Demo														
Val Marie Pump 1						153.0	102.0			40.0	236.0			531.0
Pump 2						44.0				29.0				73.0
Sub-Total	**84.4**	**306.6**	**459.7**	**188.8**	**93.6**	**201.3**	**234.4**	**83.0**	**3.3**	**117.5**	**236.0**			**2009**
+45% for domestic use	38.0	138.0	206.9	85.0	42.1	90.6	105.5	37.4	1.5	52.9	106.2			904
Total	**122**	**445**	**667**	**274**	**136**	**292**	**340**	**120**	**5**	**170**	**342**			**2913**

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 Pump 1 and 2 figures.

TABLE 16

MONTH-END CONTENTS OF MAJOR RESERVOIRS IN LODGE CREEK, BATTLE CREEK, AND FRENCHMAN RIVER BASINS FOR 2005

(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	4,492	18,052 *	601	3,898	14,830	23,796	19
MARCH	5,162	19,576 *	2,203	3,910	12,793	24,043	20
APRIL	6,475	23,557 *	2,732	3,810	12,398	25,390	21
MAY	4,719	18,952 *	984	1,655	9,621	16,954	14
JUNE	5,462	24,891 *	2,321	3,950	12,197	23,905	19
JULY	5,162	22,417 *	1,812	3,020	9,029	18,998	15
AUGUST	4,238	20,593 *	1,409	697	5,686	12,005	10
SEPTEMBER	4,082	19,926 *	600	2,004	5,157	11,818	10
OCTOBER	4,007	19,768 *	585	2,824	4,356	11,747	10
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
2006-01-31 13:09
REGINA, SASK.

LYONS CREEK AT INTERNATIONAL BOUNDARY

STATION NO. 11AB075

CompuMod 1.7.3

MEAN DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 2005

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	0.001	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	0.000	---	2
3	---	---	0.000 B	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	3
4	---	---	0.000 B	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	4
5	---	---	0.000 B	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	5
6	---	---	0.000 B	0.000	0.000	0.000	0.000	0.000	0.000	0.000	---	---	6
7	---	---	0.000 B	0.000	0.000	0.002	0.000	0.000	0.000	0.000	---	---	7
8	---	---	0.000 B	0.000	0.000	0.001	0.000	0.000	0.000	0.000	---	---	8
9	---	---	0.000 B	0.002	0.000	0.001	0.000	0.000	0.000	0.000	---	---	9
10	---	---	0.000 B	0.002	0.000	0.002	0.000	0.000	0.000	0.000	---	---	10
11	---	---	0.000 B	0.001	0.000	0.001	0.000	0.000	0.000	0.000	---	---	11
12	---	---	0.000 B	0.001	0.000	0.001	0.000	0.000	0.000	0.000	---	---	12
13	---	---	0.000 B	0.001	0.000	0.002	0.000	0.000	0.000	0.000	---	---	13
14	---	---	0.000 B	0.001	0.000	0.919	0.000	0.000	0.000	0.000	---	---	14
15	---	---	0.000 B	0.001	0.000	1.09	0.000	0.000	0.000	0.000	---	---	15
16	---	---	0.000 B	0.001	0.000	0.357	0.000	0.000	0.000	0.000	---	---	16
17	---	---	0.000 B	0.001	0.000	0.158	0.000	0.000	0.000	0.000	---	---	17
18	---	---	0.000 B	0.001	0.000	0.098	0.000	0.000	0.000	0.000	---	---	18
19	---	---	0.000 B	0.001	0.000	0.074	0.000	0.000	0.000	0.000	---	---	19
20	---	---	0.000 B	0.001	0.000	0.053	0.000	0.000	0.000	0.000	---	---	20
21	---	---	0.000 B	0.000	0.000	0.035	0.000	0.000	0.000	0.000	---	---	21
22	---	---	0.000 B	0.000	0.000	0.023	0.000	0.000	0.000	0.000	---	---	22
23	---	---	0.000 B	0.000	0.000	0.013	0.000	0.000	0.000	0.000	---	---	23
24	---	---	0.000 B	0.000	0.000	0.007	0.000	0.000	0.000	0.000	---	---	24
25	---	0.000 B	0.000 B	0.000	0.000	0.004	0.000	0.000	0.000	0.000	---	---	25
26	---	0.000 B	0.000 B	0.000	0.000	0.002	0.000	0.000	0.000	0.000	---	---	26
27	---	0.000 B	0.000 B	0.000	0.000	0.001	0.000	0.000	0.000	0.000	---	---	27
28	---	0.000 B	0.000 B	0.000	0.000	0.001	0.000	0.000	0.000	0.000	---	---	28
29	---		0.000 B	0.000	0.000	0.001	0.000	0.000	0.000	0.000	---	---	29
30	---		0.000 B	0.000	0.000	0.001	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	0.014	0.000	2.847	0.001	0.000	0.000	0.000			TOTAL
MEAN			0.000	0.000	0.000	0.095	0.000	0.000	0.000	0.000			MEAN
DAM3			0.000	1.21	0.000	246	0.086	0.000	0.000	0.000			DAM3
MAX			0.000	0.002	0.000	1.09	0.001	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, 1.09 M3/S ON 2005-06-15
Minimum daily discharge, 0.000 B M3/S On 2005-02-25
Max Inst discharge, 1.53 M3/S @ 12:31:33 CST On 2005-06-14
Min Inst discharge, 0.000 B M3/S @ 00:00:00 CST On 2005-02-25

A - MANUAL GAUGE B - ICE CONDITIONS E - ESTIMATED D - DRY
HQ #10.00: 1986-03-01 to open shift corr

APPROVED BY THE FIELD REPRESENTATIVES OF CANADA AND THE UNITED STATES

HD
1694
.A2
R424
2005 App.

Report to the International Joint Commission on the division and use of the waters of the St. Mary and Milk Rivers...

DATE ~~DUE~~	BORROWER'S NAME

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