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Great West Life Site

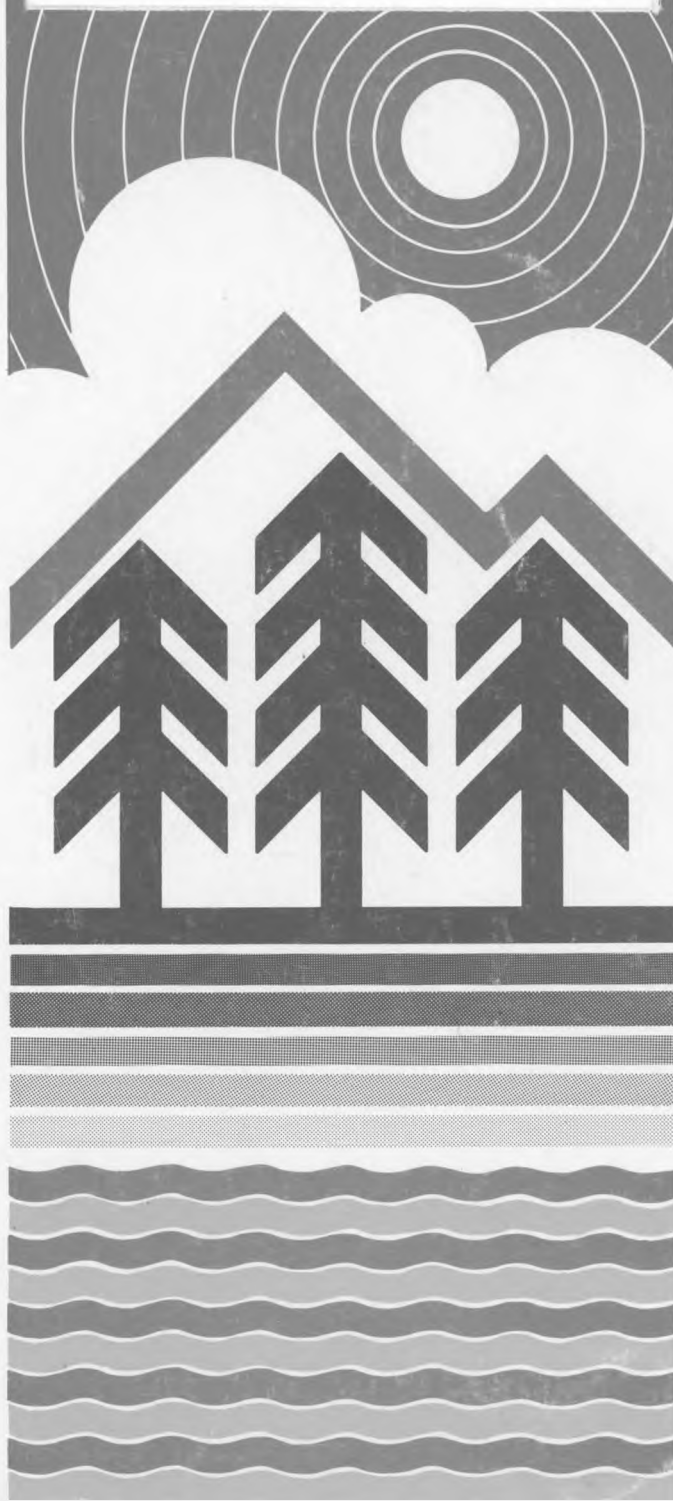


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ALBERTA

MISCELLANEOUS LAKE LEVELS

1978



Alberta
ENVIRONMENT

ALBERTA
MISCELLANEOUS LAKE LEVELS
1978



Prepared by:

Water Survey Section
Survey Branch
Technical Services Division

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Survey Branch

MAY 1981

36776

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INTRODUCTION

Over the years Alberta Environment has collected lake level information at numerous lakes throughout the Province. As of 1978 there were 194 lakes being monitored. Historically this information has been collected for internal use and filed in the Technical Services Reference Centre. In an effort to present these data in a more convenient form, and make them available to more users, it was decided to produce an annual summary of the information gathered.

The data report is the first in a series to be produced and contains all the miscellaneous lake level data collected by the Technical Services Division in 1978. A report containing the 1979 lake level data will be released simultaneously. For 1980, and subsequent years it is intended that the data be published on an annual basis.

It should be noted that continuous lake level data collected by Water Survey of Canada, Alberta Environment and various contributing agencies is published separately by Water Survey of Canada, Calgary in their annual publication Surface Water Data, Alberta. A list of these lakes is presented on page xii.

Purpose and Method of Data Collection

Most of the lakes in this report are monitored to obtain an indication of maximum and minimum levels during the year. In order to do this, levels are obtained by means of an engineer's level referred to a local bench mark. Levels are checked in the winter, the late spring, mid-summer and the fall. In some cases more frequent observations are taken for a specific project. This is done by installing a staff gauge and hiring an observer to read the gauge. All readings taken either by level or staff gauge are actually instantaneous observations, but they are assumed to represent the mean water level for the day.



Presentation of Data

The data presented are compiled by computer, using the MANUAL program obtained from Water Survey of Canada. The use of this program is gratefully acknowledged. It should also be noted that the annual publication entitled "Surface Water Data", published by the Hydrology Branch of Saskatchewan Environment, has been used as a guide in the preparation of this data report.

The station numbering system adopted is the same as that used by Water Survey of Canada. The first two numbers identify the major drainage basin in which the station is located and next two characters indicate the sub-basin, and the last three digits the number of the station. To avoid duplication of Water Survey of Canada numbers, all Alberta Environment station numbers start with nine. The major drainage basin in Alberta are identified as follows: Mackenzie River (07), Saskatchewan-Nelson River (05), Churchill (06) and the Missouri (11).

The lakes are arranged in alphabetical order, a brief station description is followed by the data for the year. A map to illustrate the distribution of the lakes monitored, and also to show the approximate location of each lake is also included. A separate numbering system is used to identify the station on the map. The map numbers for each station are given on the index page.

Accuracy of Data

Lake levels have been referenced to geodetic datum wherever possible and while many of these bench marks have been verified in recent years, it has not been possible to run checks on all bench marks used. The relative fluctuation of the water level is not in question. However, if it is important to the user that the absolute geodetic elevation of the lake be correct, it is suggested that the user contact the Technical Services Division at the address given below whereupon an effort will be made to verify the accuracy of the bench mark used. It would be appreciated if any errors detected in geodetic elevations were brought to the attention of the Division.

The number of significant figures used in presenting the data has been standardized. It should not be assumed that the measurements were made with this degree of accuracy. The general practice is to read staff gauges to the nearest two millimetres.

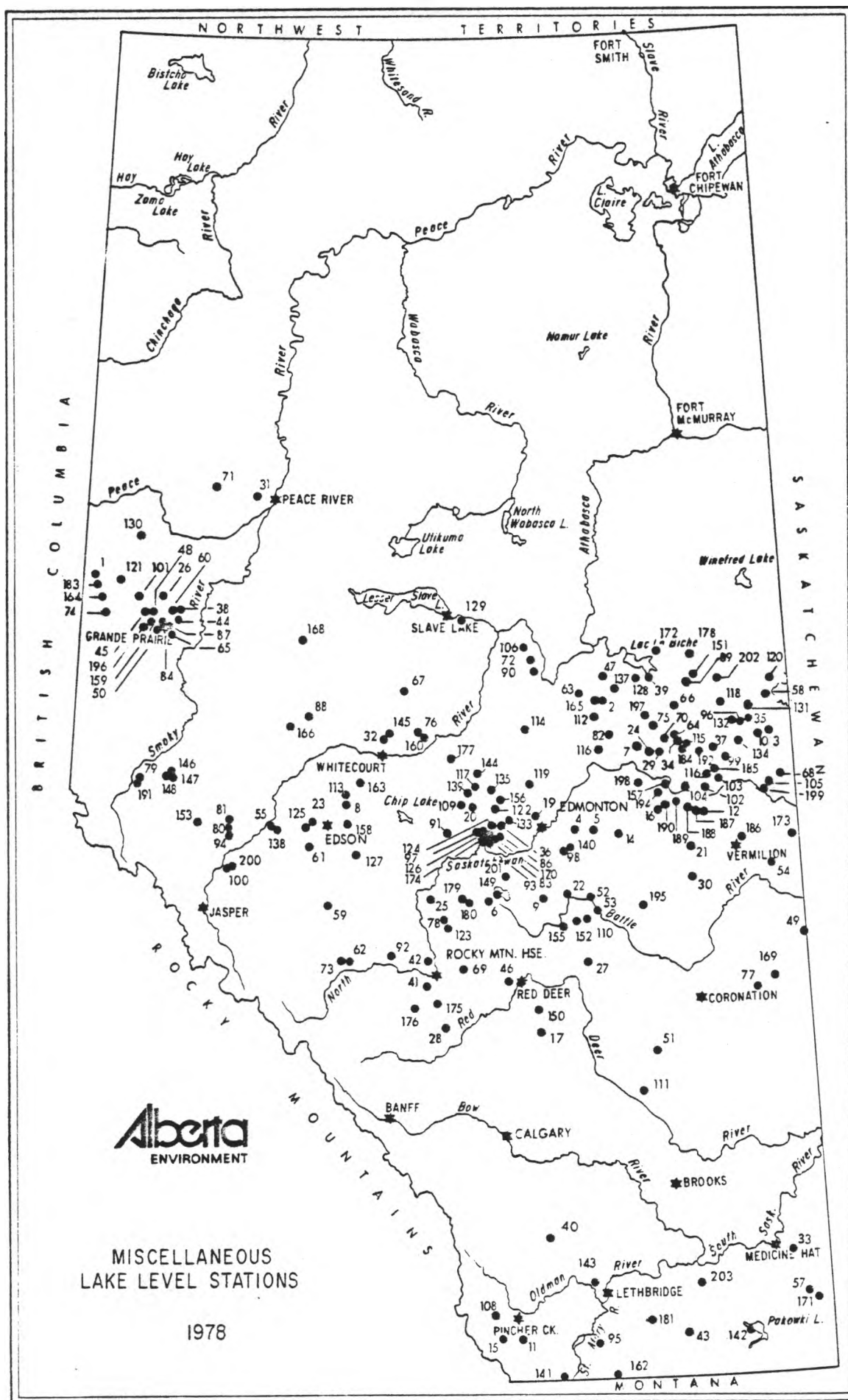
All water levels given in this data report are in metric units. The approximate conversion to imperial units is as follows:

1 metre = 3.28 feet

Further Information

It should be emphasized that this data report only contains data collected for one year, 1978. In the Technical Services Reference Centre there is a file for each station containing all the information collected over the years and more details on the exact location of the site. Anyone who requires more information on any of these stations is asked to contact:

Mrs. A. Bax
c/o Technical Services Division
10th Floor, Oxbridge Place
9820 - 106 Street
EDMONTON, Alberta
T5K 2J6
Phone: 427-6298



List of Lake Level Stations

STATION NAME	MAP NUMBER	PAGE NUMBER
Albright Lake near Demmitt	1	1
Amisk Lake near Boyle	2	3
Angling Lake near Grande Centre	3	5
Antler Lake near Tofield	4	7
Astotin Lake near Fort Saskatchewan	5	9
Battle Lake near Hoadley	6	11
Bear Lake near Bellis	7	13
Bear Lake near Edson	8	15
Bearhills Lake near Wetaskiwin	9	17
Beartrap Lake near Grande Centre	10	19
Beauvais Lake near Pincher Creek	11	21
Beauvallon Lake near Two Hills	12	23
Beaverhill Lake near Tofield	14	25
Beavermines Lake near Bellevue	15	27
Ben's Lake near Two Hills	16	29
Bigelow Reservoir near Wimborne	17	31
Big Lake near St. Albert	19	33
Birch Lake near Glenevis	20	35
Birch Lake near Innisfree	21	37
Bittern Lake near Bittern Lake	22	39
Blackmud Lake at Marlboro	23	41
Bonnie Lake near Vilna	24	43
Buck Lake near Drayton Valley	25	45
Buffalo Lake near La Glace	26	47
Buffalo Lake near Stettler	27	49

STATION NAME	MAP NUMBER	PAGE NUMBER
Burnstick Lake near Sundre	28	51
Cache Lake near Spedden	29	53
Camp Lake near Kinsella	30	55
Cardinal Lake at Queen Elizabeth Park	31	57
Carson Lake near Whitecourt	32	59
Cavan Lake near Medicine Hat	33	61
Chappell Lake near Ashmont	34	63
Charlotte Lake near Bonnyville	35	65
Chickakoo Lake near Stony Plain	36	67
Chickenhill Lake near St. Paul	37	69
Clairmont Lake near Clairmont	38	71
Claude Lake near Lac La Biche	39	73
Clear Lake near Stavely	40	75
Cow Lake near Rocky Mountain House	41	77
Crimson Lake near Rocky Mountain House	42	79
Crow Indian Lake	43	81
Crystal Lake near Grande Prairie	44	83
Cutbank Lake near Wembley	45	85
Dakin Lake near Atmore	47	87
Deep Lake near Grande Prairie	48	89
Dillberry Lake near Wainwright	49	91
Dimsdale Lake near Dimsdale	50	93
Dowling Lake near Hanna	51	95
Driedmeat Lake near Camrose	52	97
Driedmeat Lake at Outflow	53	99
Earlie Lake near Kitscoty	54	101
Eccles Pond near Hinton	55	103
Eden Lake near Beach Corner	56	105

STATION NAME	MAP NUMBER	PAGE NUMBER
Elkwater Lake near Irvine	57	107
Ethel Lake near Cold Lake	58	109
Fairfax Lake near Robb	59	111
Ferguson Lake near Clairmont	60	113
Fickle Lake near Edson	61	115
Fish Lake near Nordegg	62	117
Flat Lake near Boyle	63	119
Floatingstone Lake near Spedden	64	121
Flyingshot Lake near Grande Prairie	65	123
Fork Lake near Lac La Biche	66	125
Freeman Lake near Swan Hills	67	127
Frog Lake near Elk Point	68	129
Gabriel Lake near Bentley	69	131
Garner Lake near Spedden	70	133
Gerry Lake near Hines Creek	71	135
Ghost Lake near Athabasca	72	137
Goldeye Lake near Nordegg	73	139
Goodfare Lake near Goodfare	74	141
Goodfish Lake near Vilna	75	143
Goose Lake near Fort Assiniboine	76	145
Gooseberry Lake near Consort	77	147
Gosling Lake near Buck Lake	78	149
Grande Cache Lake near Grande Cache	79	151
Graveyard Lake near Hinton	80	153
Gregg Lake near Hinton	81	155
Hanmore Lake near Smoky Lake	82	157
Hasse Lake near Stony Plain	83	159
Hermit Lake near Grande Prairie	84	161

STATION NAME	MAP NUMBER	PAGE NUMBER
Hubbles Lake near Stony Plain	86	163
Hughes Lake near Grande Prairie	87	165
Iosegun Lake near Fox Creek	88	167
Ironwood Lake near Lac La Biche	89	169
Island Lake near Athabasca	90	171
Isle Lake near Gainford	91	173
Jackfish Lake near Rocky Mountain House	92	175
Jackfish Lake near Stony Plain	93	177
Jarvis Lake near Hinton	94	179
Jensen Reservoir	95	181
Jessie Lake near Bonnyville	96	183
Johnny's Lake near Stony Plain	97	185
Joseph Lake near New Sarepta	98	187
Kehiwin Lake near Bonnyville	99	189
Kinky Lake near Hinton	100	191
La Glace Lake near La Glace	101	193
Lac Bellevue near St. Paul	102	195
Lac Saint Cyr near St. Paul	103	197
Lac Sante near St. Paul	104	199
Laurier Lake near Heinsburg	105	201
Lawrence Lake near Athabasca	106	203
Lees Lake near Pincher Creek	108	205
Lessard Lake near Glenevis	109	207
Little Beaver Lake near Ferintosh	110	209
Little Fish Lake near Drumheller	111	211
Long Lake near Boyle	112	213
Long Lake near Edson	113	215
Long Island Lake near Westlock	114	217

STATION NAME	MAP NUMBER	PAGE NUMBER
Lower Mann Lake near Ashmont	115	219
Lower Therien Lake near St. Paul	116	221
Majeau Lake near Glenevis	117	223
Manatokan Lake near Iron River	118	225
Manawan Lake near Legal	119	227
Marie Lake near Cold Lake	120	229
Martin Lake near Hythe	121	231
Matchayaw Lake near Stony Plain	122	233
Medicine Lake near Rimbey	123	235
Mere Lake near Stony Plain	124	237
Millers Lake near Marlboro	125	239
Mink Lake near Carvel Corner	126	241
Minnow Lake near Edson	127	243
Mirage Lake at Moonshine Provincial Park	130	245
Missawawi Lake near Venice	128	247
Mitsue Lake near Slave Lake	129	249
Moore Lake near Fort Kent	131	251
Moose Lake near Bonnyville	132	253
Muir Lake near Spruce Grove	133	255
Muriel Lake near Bonnyville	134	257
Nakamun Lake near Onoway	135	259
North Buck Lake near Caslan	137	261
Obed Lake near Hinton	138	263
Oldman Lake near Glenevis	139	265
Oliver Lake near New Sarepta	140	267
Outpost Lake at Police Outpost Park	141	269
Pakowki Lake near Medicine Hat	142	271
Park Lake at Provincial Park	143	273

STATION NAME	MAP NUMBER	PAGE NUMBER
Peanut Lake near Barrhead	144	275
Pegasus Lake near Whitecourt	145	277
Pierre Grey Lake (Lower) near Muskeg	146	279
Pierre Grey Lake (Middle) near Muskeg	147	281
Pierre Grey Lake (Upper) near Muskeg	148	283
Pigeon Lake at Provincial Park	149	285
Pine Lake near Pine Lake	150	287
Pinehurst Lake near Lac La Biche	151	289
Red Deer Lake near Ferintosh	152	291
Rock Lake near Hinton	153	293
Samson Lake near Hobbema	155	295
Sandy Lake near Morinville	156	297
Sandy Lake near Two Hills	157	299
Sang (Suprise) Lake near Edson	158	301
Saskatoon Lake near Grande Prairie	159	303
Schuman Lake near Fort Assiniboine	160	305
Shanks Lake near Cardston	162	307
Shiningbank Lake near Peers	163	309
Sinclair Lake near Hythe	164	311
Skeleton Lake near Boyle	165	313
Smoke Lake near Fox Creek	166	315
Smoky Lake near Warspite	167	317
Snipe Lake near Valleyview	168	319
Sounding Lake near Monitor	169	321
Spring Lake near Stony Plain	170	323
Spruce Coulee Reservoir near Medicine Hat	171	325
Square Lake near Lac La Biche	172	327
Staplehurst Lake near Lloydminster	173	329

STATION NAME	MAP NUMBER	PAGE NUMBER
Star Lake near Carvel Corner	174	331
Strubel Lake near Caroline	175	333
Swan Lake near Rocky Mountain House	176	335
Thunder Lake near Barrhead	177	337
Touchwood Lake near Lac La Biche	178	339
Twin Lake #1 near Hoadley	179	341
Twin Lake #2 near Hoadley	180	343
Tyrrell Lake (East)	181	345
Updike Lake near Demmitt	183	347
Upper Mann Lake near Ashmont	184	349
Upper Therien Lake near St. Paul	185	351
Vermilion Reservoir at Vermilion	186	353
Vermilion River near Morecambe	187	355
Vermilion River near Musidora	188	357
Vermilion River at Two Hills (Highway #36)	189	359
Vermilion River 4 miles West of Two Hills	190	361
Victor Lake near Grande Cache	191	363
Vincent Lake near Ashmont	192	365
Wakomao Lake near Clyde	193	367
Watt Lake near Two Hills	194	369
Wavy Lake near Strome	195	371
Wembley near Wembley	196	373
Whitefish Lake near Vilna	197	375
Whitford Lake near Vegreville	198	377
Whitney Lake near Elk Point	199	379
Wildhorse Lake near Hinton	200	381
Wizard Lake near Leduc	201	383
Wolf Lake near Bonnyville	202	385
Yellow Lake (Station 0)	203	387

1978 Lake and Reservoir DataPublished by Water Survey of Canada

<u>Station Name</u>	<u>Station Number</u>	<u>Station Name</u>	<u>Station Number</u>
Baptiste Lake near Athabasca	07BE002	Lake Athabasca at Bustard Island	07MD002
Bare Creek Reservoir near Elkwater	11AB094	Lake Athabasca at Fort Chipewyan	07MD001
Barrier Lake near Seebe	05BF024	Lake Claire near Outlet to Prairie River	07KF002
Bear Lake near Clairmont	07GE004	Lake Minnewanka near Banff	05BD003
Beaver Lake at Ranger Station	06AA003	Lake Sherburne	05AE036
Brazeau Reservoir	05DD006	Lesser Slave Lake at Faust	07BJ002
Buffalo Lake near Erskine	05CD005	Massy Reservoir near Elkwater	11AB014
Calling Lake at Ranger Station	07CB001	Michele Reservoir near Elkwater	11AB091
Chain Lakes Reservoir near Nanton	05AB037	Milk River Ridge Reservoir	05AF030
Chip Lake at Outlet to Lobstick River	07BB008	Ministik Lake near New Sarepta	05EB013
Coal Lake Reservoir near Metaskiwin	05FA016	Miquelon Lake at Provincial Park	05EB014
Cold Lake at Cold Lake	06AF002	Mitchell Reservoir near Elkwater	11AB099
Cooking Lake at Cooking Lake	05EB012	Namur Lake at Birch Mountains Lodge	07DA021
Cressday Reservoir near Cressday	11AB097	Pigeon Lake at Fisher Home	05FA013
Driedmeat Lake at Outflow	05FA020*	Reesor Reservoir near Elkwater	11AB090
Eaglenest Lake near the Outlet	07DA022	Richardson Lake at the Outlet	07DD008
Elkwater Lake	05AH025	South Wabasca Lake near Desmarais	07JA002
Fawcett Lake near Smith	07BK008	St. Mary Reservoir near Spring Coulee	05AE025
Ghost Lake near Cochrane	05BE005	Steele Lake near Jarvie	07BC005
Greasewood Reservoir near Elkwater	11AB092	Sturgeon Lake at Williamson Park	07GH003
Gregoire Lake near Fort McMurray	07CE001	Sylvan Lake at Sylvan Lake	05CC003
Gull Lake at Aspen Beach	05CC006	Upper Kananaskis Lake at Main Dam	05BF006
Hastings Lake near Deville	05EB011	Utikuma Lake near Nipisi	07JA001
Isle Lake at Camp He-Mo-Ha	05EA008	Wabamun Lake at Wabamun	05DE002
Jaydot Reservoir near Jaydot	11AB098	Waterton Lake at Waterton Park	05AC025
Lac La Biche at Lac La Biche	07CA004	Waterton Reservoir	05AD026
Lac La Nonne at Lac La Nonne	07BB007	Winagami Lake at Spillway Gates	07BF006
Lac Ste. Anne at Alberta Beach	05EA006		

* Data included in this publication.

LAKE - STATION DESCRIPTION

STATION NAME: ALBRIGHT LAKE near Demmitt

STATION NUMBER: 07FD903

LOCATION: 75-12-W6 - East side of lake.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1976 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

~~YES~~/NO

REMARKS: There is Ducks Unlimited Control Structure on this lake.
A rock filled timber dam was constructed in 1949.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

ALBRIGHT LAKE NEAR DEMMITT

STATION NO. 07FD503

DAILY WATER LEVEL IN METRES FOR 1978

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

792.712

792.605

792.501

792.459

792.504

TOTAL

MEAN
MAX
MIN

TOTAL
MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 792.712 METRES ON MAY 18

MINIMUM OBSERVED DAILY WATER LEVEL, 792.459 METRES ON AUG 22
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: AMISK LAKE near Boyle

STATION NUMBER: 06AA902

LOCATION: 65-18-W4 - Northwest end of Amisk Lake, North of Boyle.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1969 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/~~NO~~

REMARKS: There is a Ducks Unlimited Control Structure on this lake.
A rock and timber dam was constructed in 1949.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

AMISK LAKE NEAR BOYLE

STATION NO. 06AA902

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1							611.855						1
2													2
3													3
4													4
5													5
6					611.743								6
7													7
8													8
9					611.807								9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 611.855 METRES ON JUL 4
MINIMUM OBSERVED DAILY WATER LEVEL, 611.743 METRES ON FEB 7
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: ANGLING LAKE near Grande Centre

STATION NUMBER: 06AD901

LOCATION: 60-3-W4 - East end of Angling Lake, Southwest of
Grande Centre.

GAUGE TYPE: Staff Gauge.

PERIOD OF RECORD: 1973 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE: YES/NO

REMARKS: Geodetic Elevation verified April 1978.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

ANGLING LAKE NEAR GRANDE CENTRE

STATION NO. 06AD901

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						557.342							1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9		557.077											9
10						557.290							10
11													11
12							557.126						12
13													13
14													14
15										557.034			15
16													16
17					557.077								17
18													18
19						557.278				557.031			19
20													20
21													21
22													22
23					557.308								23
24						557.217							24
25										557.028			25
26													26
27													27
28													28
29					557.315								29
30													30
31													31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 557.342 METRES ON JUN 1
MINIMUM OBSERVED DAILY WATER LEVEL, 557.028 METRES ON AUG 25
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: ANTLER LAKE near Tofield

STATION NUMBER: 05EB904

LOCATION: 52-21-W4 - Northeast end of Antler Lake.

GAUGE TYPE: Staff Gauge.

PERIOD OF RECORD: 1973 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/~~NO~~

REMARKS: Previous Record 1959-60
1962-63
1966-72

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

ANTLER LAKE NEAR TOFIELD

STATION NO. 05EB904

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1								738.040	738.070				1
2							738.158	738.040	738.070				2
3													3
4								738.034	738.070				4
5							738.219	738.146					5
6							738.213	738.140	738.015				6
7							738.213						7
8								738.128	738.006				8
9			738.155			738.210							9
10													10
11						738.207							11
12							738.137			738.107			12
13													13
14													14
15						738.207	738.125		738.165				15
16													16
17						738.189		738.018					17
18						738.195	738.098	738.037					18
19													19
20							738.094			738.253			20
21						738.204							21
22								738.046					22
23													23
24						738.183		738.067					24
25							738.064						25
26													26
27							738.064	738.085					27
28							738.061						28
29					738.168	738.177	738.061						29
30								738.070					30
31						738.171							31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 738.253 METRES ON OCT 20

MINIMUM OBSERVED DAILY WATER LEVEL, 738.006 METRES ON AUG 8
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: ASTOTIN LAKE near Fort Saskatchewan

STATION NUMBER: 05EB905

LOCATION: 52-20-W4 - Northwest end of Astotin Lake.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1967 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/~~NO~~

REMARKS: There is a Ducks Unlimited Control Structure on this lake.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

ASTOTIN LAKE NEAR FORT SASKATCHEWAN

STATION NO. 05ED905

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10			711.552										10
11													11
12													12
13													13
14													14
15													15
16													16
17										711.556			17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL					711.556								TOTAL

711.495

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 711.556 METRES ON MAY 29

MINIMUM OBSERVED DAILY WATER LEVEL, 711.495 METRES ON JUL 26
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: BATTLE LAKE near Hoadley

STATION NUMBER: 05FA903

LOCATION: 46-1-W5 - Southeast end of Battle Lake, 7 miles North
and 9 miles West of Hoadley.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1961-62; 1965 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE: YES/~~NO~~

REMARKS: There is a Ducks Unlimited Control Structure on this lake.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

BATTLE LAKE NEAR HOADLEY

STATION NO. 05FA903

DAILY WATER LEVEL IN METRES FOR 1978

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

836.639

836.591

836.929

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 836.929 METRES ON OCT 18

MINIMUM OBSERVED DAILY WATER LEVEL, 836.591 METRES ON JUL 27
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: BEAR LAKE near Bellis

STATION NUMBER: 05ED901

LOCATION: 60-14-W4 - Southwest side of Bear Lake, 6 miles
North and 1 mile East of Bellis.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1973 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

~~YES~~/NO

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

BEAR LAKE NEAR BELLIS

STATION NO. 05ED901

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11							686.230						11
12													12
13													13
14													14
15									686.269				15
16													16
17													17
18					686.236								18
19													19
20													20
21		686.211											21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 686.269 METRES ON SEP 15
MINIMUM OBSERVED DAILY WATER LEVEL, 686.211 METRES ON FEB 21
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: BEAR LAKE near Edson

STATION NUMBER: 07AG901

LOCATION: 55-15-W5 - Southwest end of Bear Lake.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1969 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE: YES/NO

REMARKS: There is a Ducks Unlimited Control Structure on this lake.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

BEAR LAKE NEAR EDSON

STATION NO. 07AG901

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1										870.673			1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23					870.658								23
24													24
25													25
26	870.679												26
27													27
28													28
29						870.737							29
30													30
31													31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 870.737 METRES ON JUN 28
MINIMUM OBSERVED DAILY WATER LEVEL, 870.658 METRES ON MAY 23
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: BEARHILLS LAKE near Wetaskiwin

STATION NUMBER: 05FA904

LOCATION: 46-25-W4 - Northeast tip of lake at North outflow,
9.4 miles West of Wetaskiwin on Highway #13.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1957-62; 1966 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE: ~~YES~~/NO

REMARKS: A sheet pile weir with stop logs was constructed in 1975.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

BEARHILLS LAKE NEAR WETASKIWIN

STATION NO. 05FA904

DAILY WATER LEVEL IN METRES FOR 1978

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

786.512

786.174

786.414

786.750

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 786.750 METRES ON MAY 26

MINIMUM OBSERVED DAILY WATER LEVEL, 786.174 METRES ON AUG 15
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: BEARTRAP LAKE near Grande Centre

STATION NUMBER: 06AC914

LOCATION: 60-4-W4 - Northwest end of lake, 9 miles East and
4 miles South of Bonnyville.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1973 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

~~YES~~/NO

REMARKS: Geodetic Elevation verified November 1980.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

BEARTRAP LAKE NEAR GRANDE CENTRE

STATION NO. 06AC914

DAILY WATER LEVEL IN METRES FOR 1978

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

573.548

573.600

573.573

573.643

TOTAL
MEAN
MAX
MIN
SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 573.643 METRES ON MAY 17
MINIMUM OBSERVED DAILY WATER LEVEL, 573.548 METRES ON FEB 9
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: BEAUVAIS LAKE near Pincher Creek

STATION NUMBER: 05AA901

LOCATION: 5-1-W5 - 7 miles West of Pincher Creek on Beavermines
Road and 4 miles South to Provincial Park.

GAUGE TY : Staff Gauge.

PERIOD OF RECORD: 1973 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/~~NO~~

REMARKS: Geodetic Elevations verified in 1980.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

BEAUVAIS LAKE NEAR PINCHER CREEK

STATION NO. 05AA901

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1					1367.528			1367.726					1
2													2
3													3
4													4
5						1367.833	1367.756						5
6						1367.817							6
7													7
8					1367.634			1367.695		1367.604			8
9													9
10													10
11						1367.787	1367.756						11
12						1367.772			1367.665				12
13													13
14													14
15					1367.701			1367.634		1367.573			15
16													16
17								1367.665					17
18					1367.421								18
19													19
20													20
21						1367.741	1367.802						21
22								1367.628					22
23					1367.726			1367.665					23
24							1367.756						24
25													25
26													26
27					1367.479	1367.433							27
28													28
29								1367.634					29
30					1367.802				1367.634				30
31													31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 1367.833 METRES ON JUN 4
MINIMUM OBSERVED DAILY WATER LEVEL, 1367.421 METRES ON APR 18
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: BEAUVALLON LAKE near Two Hills

STATION NUMBER: 05EE902

LOCATION: 54-10-W4 - Northwest end of lake, 16 miles East and
4 miles South of Two Hills.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1969 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/~~NO~~

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

BEAUVALLON LAKE NEAR TWO HILLS

STATION NO. 05EE902

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16										29.858			16
17													17
18													18
19													19
20													20
21													21
22		29.587											22
23													23
24					29.776								24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 29.858 METRES ON OCT 16
MINIMUM OBSERVED DAILY WATER LEVEL, 29.587 METRES ON FEB 22
WATER LEVELS ARE REFERRED TO ASSUMED DATUM

LAKE - STATION DESCRIPTION

STATION NAME: BEAVERHILL LAKE near Tofield

STATION NUMBER: 05EB906

LOCATION: 51-17-W4 - 11.75 miles North and 1 mile West of Rley.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1968 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE: ~~YES~~/NO

REMARKS: Water Survey of Canada operated stations 05EB003 and 05EB008
in 1918-20; 1925.

There is a Ducks Unlimited Control Structure on this lake.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

BEAVERHILL LAKE NEAR TOFIELD

STATION NO. 05EB906

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						668.570							1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19										668.457			19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

668.542

668.405

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 668.570 METRES ON JUN 5

MINIMUM OBSERVED DAILY WATER LEVEL, 668.405 METRES ON JUL 26
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: BEAVERMINES LAKE near Bellevue

STATION NUMBER: 05AA902

LOCATION: 5-3-W5 - 30 miles West Southwest of Pincher Creek.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1977 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/~~NO~~

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

BEAVERMINES LAKE NEAR BELLEVUE

STATION NO. 05AA902

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1								30.139					1
2													2
3													3
4													4
5									30.056				5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16										30.129			16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

29.471

30.261

30.142

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 30.261 METRES ON MAY 24
MINIMUM OBSERVED DAILY WATER LEVEL, 29.471 METRES ON APR 26
WATER LEVELS ARE REFERRED TO ASSUMED DATUM

LAKE - STATION DESCRIPTION

STATION NAME: BENS LAKE near Two Hills

STATION NUMBER: 05EE903

LOCATION: 54-13-W4 - 3.5 miles South and 5 miles West of Two Hills.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1972 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

~~YES~~/NO

REMARKS: There is a Ducks Unlimited Control Structure on this lake.
(Gabion drop structure; F.S.L. = 599.85 m.) This structure
was constructed in 1979.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

BEN'S LAKE NEAR TWO HILLS

STATION NO. 05EE903

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16										599.980			16
17													17
18													18
19													19
20													20
21													21
22		599.791											22
23													23
24					599.904								24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 599.980 METRES ON OCT 16
MINIMUM OBSERVED DAILY WATER LEVEL, 599.770 METRES ON JUL 25
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: BIGELOW RESERVOIR near Wimborne

STATION NUMBER: 05CE901

LOCATION: 34-25-W4 - 5 miles East and 1.5 miles North of
Wimborne.

GAUGE TYPE: Recording.

PERIOD OF RECORD: 1973 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE: ~~YES~~/NO

REMARKS: Recorder operated during open water season. Data also published
by Water Survey of Canada in "Surface Water Data, Alberta."
There is an Alberta Environment Control Structure on this lake.
(Gated Earthfill dam)

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

BIGELOW RESERVOIR NEAR WIMBORNE

STATION NO. 05CE901

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1					882.295								1
2							882.253						2
3							882.244						3
4							882.240						4
5							882.234						5
6							882.225						6
7							882.216						7
8							882.216						8
9							882.204						9
10							882.186						10
11							882.192						11
12							882.207						12
13							882.201						13
14							882.192						14
15						882.262	882.186						15
16						882.341	882.186	881.963					16
17						882.323	882.195					882.198	17
18						882.317	882.189						18
19						882.304	882.189						19
20						882.298	882.186						20
21						882.292	882.173						21
22						882.292	882.170	881.957					22
23						882.286	882.167						23
24						882.283	882.161						24
25						882.274	882.155						25
26						882.268	882.149						26
27						882.268	882.155						27
28						882.262							28
29						882.262							29
30						882.259							30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

MEAN
MAX
MIN
TOTAL

SUMMARY FOR THE YEAR 1978

MAXIMUM DAILY WATER LEVEL, 882.341 METRES ON JUN 16

MINIMUM DAILY WATER LEVEL, 881.957 METRES ON AUG 22
WATER LEVELS ARE REFERRED TO GEODETIC

LAKE - STATION DESCRIPTION

STATION NAME: BIG LAKE near St. Albert

STATION NUMBER: 05EA902

LOCATION: 53-25-W4 - 1 mile West and 0.5 miles South of St. Albert.

GAUGE TYPE: Staff Gauge.

PERIOD OF RECORD: 1958-61; 1963; 1965 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/NO

REMARKS: Water Survey of Canada operated station 05EA007 "near St. Albert" in 1940. There is a Ducks Unlimited Control Structure on this lake.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

BIG LAKE NEAR ST. ALBERT

STATION NO. 05EA902

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1											650.614		1
2													2
3													3
4													4
5													5
6									650.461				6
7													7
8													8
9						650.407							9
10													10
11				651.102									11
12					650.471								12
13													13
14													14
15													15
16													16
17		650.705											17
18													18
19				650.897									19
20													20
21													21
22													22
23													23
24						650.340							24
25													25
26													26
27													27
28				650.638									28
29						650.461							29
30									650.797				30
31													31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 651.102 METRES ON APR 11
MINIMUM OBSERVED DAILY WATER LEVEL, 650.340 METRES ON MAY 24
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: BIRCH LAKE near Glenevis

STATION NUMBER: 05EA903

LOCATION: 55-4-W5 - .5 miles East and 3.5 miles South of Glenevis.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1969 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/NO

REMARKS: There is a Ducks Unlimited Control Structure on this lake.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

BIRCH LAKE NEAR GLENEVIS

STATION NO. 05EA903

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1										682.532			1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10					682.584								10
11													11
12													12
13													13
14													14
15													15
		682.557											
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31

TOTAL

MEAN
MAX
MIN

TOTAL
MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 682.584 METRES ON MAY 9
MINIMUM OBSERVED DAILY WATER LEVEL, 682.532 METRES ON OCT 3
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: BIRCH LAKE near Innisfree

STATION NUMBER: 05EE904

LOCATION: 50-11-W4 - North end of Birch Lake, 1 mile South of
Innisfree.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1969 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

~~YES~~/NO

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

BIRCH LAKE NEAR INNISFREE

STATION NO. 05EE904

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17										639.982			17
18													18
19													19
20													20
21													21
22													22
23		640.074											23
24					640.040								24
25													25
26							639.912						26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 640.074 METRES ON FEB 23

MINIMUM OBSERVED DAILY WATER LEVEL, 639.912 METRES ON JUL 26
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: BITTERN LAKE near Bittern Lake

STATION NUMBER: 05FA906

LOCATION: 46-22-W4 - .5 miles West of the town of Bittern Lake.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1948; 1955-60; 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE: ~~YES~~/NO

REMARKS: Geodetic Elevations 1948-60. Water Survey of Canada
operated station 05FA003 "at Bittern Lake" 1918-22.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

BITTERN LAKE NEAR BITTERN LAKE

STATION NO. 05FA906

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19										26.600			19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 26.600 METRES ON OCT 19
MINIMUM OBSERVED DAILY WATER LEVEL, 26.600 METRES ON OCT 19
WATER LEVELS ARE REFERRED TO ASSUMED DATUM

LAKE - STATION DESCRIPTION

STATION NAME: BLACKMUD LAKE at Marlboro

STATION NUMBER: 07AF901

LOCATION: 53-19-W5 - Approximately 1 mile along Marlboro road
from Highway #16.

GAUGE TYPE: Staff Gauge.

PERIOD OF RECORD: 1968 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/~~NO~~

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

BLACKHUD LAKE AT MARLBORO

STATION NO. 07AF901

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						962.528	962.625		962.830	962.897			1
2													2
3													3
4													4
5													5
6													6
7								962.784		962.875			7
8													8
9													9
10							962.674						10
11						962.519			962.884	962.796			11
12													12
13													13
14													14
15													15
16					962.561								16
17									962.022				17
18						962.589		962.958					18
19								962.808					19
20													20
21													21
22													22
23													23
24	962.452												24
25					962.577	962.595	962.784		963.031				25
26													26
27						962.738							27
28								962.811					28
29													29
30													30
31							962.839						31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 963.031 METRES ON SEP 24

MINIMUM OBSERVED DAILY WATER LEVEL, 962.452 METRES ON JAN 24
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: BONNIE LAKE near Vilna

STATION NUMBER: 05ED902

LOCATION: 59-13-W4 - Southwest end of Bonnie Lake, 2 miles North
and 2 miles East of Vilna.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1965 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/NO

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

BONNIE LAKE NEAR VILNA

STATION NO. 05ED902

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11							639.409						11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL

639.248

639.391

639.409

639.379

MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 639.409 METRES ON JUL 11

MINIMUM OBSERVED DAILY WATER LEVEL, 639.248 METRES ON FEB 21
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: BUCK LAKE near Drayton Valley

STATION NUMBER: 05DE901

LOCATION: 46-6-W5 - Southwest corner of Buck Lake on bridge
crossing near West end of Buck Lake Resort.

GAUGE TYPE: Staff Gauge

PERIOD OF RECORD: 1958 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/~~NO~~

REMARKS: There is an Alberta Environment Control Structure on this lake.
(Concrete fixed crest weir; F.S.L. = 881.64 m.)

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

BUCK LAKE NEAR DRAYTON VALLEY

STATION NO. 05DE901

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19										881.646			19
20													20
21													21
22													22
23													23
24					881.588								24
25													25
26													26
27					881.878								27
28													28
29													29
30													30
31													31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 881.878 METRES ON MAY 26
MINIMUM OBSERVED DAILY WATER LEVEL, 881.588 METRES ON FEB 24
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: BUFFALO LAKE near La Glace

STATION NUMBER: 07GE901

LOCATION: 74-7-W6 - 8 miles West of Highway #2 on Highway #59,
.25 miles North to lake.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1976 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE: YES/NO

REMARKS: There is a Ducks Unlimited Control Structure on this lake.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

BUFFALO LAKE NEAR LA GLACE

STATION NO. 07GE901

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5													5
6		730.596											6
7													7
8													8
9													9
10											730.316		10
11							730.496						11
12													12
13													13
14													14
15													15
16													16
17													17
18					730.645								18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 730.645 METRES ON MAY 18
MINIMUM OBSERVED DAILY WATER LEVEL, 730.316 METRES ON NOV 10
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: BUFFALO LAKE near Stettler

STATION NUMBER: 05CD901

LOCATION: 40-21-W4 - South side of Buffalo Lake, 10 miles North
and 8 miles West of Stettler.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1942; 1956 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE: YES/ND

REMARKS: Water Survey of Canada operates station 05CD005 "near Erskine"
1965-78. Geodetic Elevation verified April 1978.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

BUFFALO LAKE NEAR STEILLER

STATION NO. 05CD901

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
											780.565		

16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31

TOTAL

TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 780.565 METRES ON NOV 14
MINIMUM OBSERVED DAILY WATER LEVEL, 780.565 METRES ON NOV 14
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: BURNSTICK LAKE near Sundre

STATION NUMBER: 05CA903

LOCATION: 35-7-W5 - Northwest end of Burnstick Lake, 14 miles
North and 12 miles West of Sundre.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1971 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/~~NO~~

REMARKS: There is an Alberta Environment Control Structure on this lake.
(Sheet-piling weir)

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

BURNSTICK LAKE NEAR SUNDRE

STATION NO. 05CA903

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5													5
6								1186.251					6
7													7
8													8
9					1186.181								9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17											1186.144		17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL

MEAN
MAX
MIN

TOTAL

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 1186.251 METRES ON JUL 6

MINIMUM OBSERVED DAILY WATER LEVEL, 1186.144 METRES ON NOV 16

WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: CACHE LAKE near Spedden

STATION NUMBER: 05ED903

LOCATION: 59-12-W4 - At bridge crossing Cache Creek on Highway #28,
 2 miles West of Spedden.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1957 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE: ~~YES~~/NO

REMARKS: There is a Ducks Unlimited Control Structure on this lake.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

CACHE LAKE NEAR SPEDDEN

STATION NO. 05ED903

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1							634.679		634.737				1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18					634.661								18
19													19
20													20
21		634.572											21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 634.737 METRES ON SEP 15
MINIMUM OBSERVED DAILY WATER LEVEL, 634.572 METRES ON FEB 21
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: CAMP LAKE near Kinsella

STATION NUMBER: 05FB901

LOCATION: 48-11-W4 - 9 miles North of Kinsella.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1974 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE: ~~YES~~/NO

REMARKS: Geodetic Elevation verified May 1978.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

CAMP LAKE NEAR KINSELLA

STATION NO. 05FB901

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17										693.097			17
18													18
19													19
20													20
21													21
22													22
23					693.155								23
24							693.194						24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL

693.094

693.097

693.155

693.194

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 693.194 METRES ON MAY 24
MINIMUM OBSERVED DAILY WATER LEVEL, 693.094 METRES ON JUL 26
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

MEAN
MAX
MIN

LAKE - STATION DESCRIPTION

STATION NAME: CARDINAL LAKE at Queen Elizabeth Park

STATION NUMBER: 07HA901

LOCATION: 83-24-W5 - 2 miles North of Grimshaw on Highway #2
3 miles West to Provincial Park.

GAUGE TYPE: Staff Gauge

PERIOD OF RECORD: 1965 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/NO

REMARKS: There is a Ducks Unlimited Control Structure on this lake.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

CARDINAL LAKE AT QUEEN ELIZABETH PARK

STATION NO. 07HA901

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						644.472	644.472	644.320	644.271				1
2						644.442	644.442	644.320		644.295			2
3						644.442	644.442	644.320					3
4						644.411	644.411	644.320					4
5						644.411	644.411	644.320					5
6					644.591	644.411	644.411	644.320				644.204	6
7						644.411	644.411	644.320					7
8						644.381	644.381	644.298	644.292				8
9						644.381	644.381	644.289					9
10						644.381	644.381	644.289					10
11						644.381	644.381	644.289					11
12						644.472	644.472	644.289					12
13						644.472	644.472	644.289					13
14						644.487	644.487	644.289					14
15						644.487	644.381	644.289					15
16						644.503	644.350	644.289					16
17						644.533	644.350	644.289					17
18						644.487	644.350	644.289					18
19						644.472	644.350	644.289					19
20						644.472	644.350	644.289					20
21						644.472	644.350	644.289					21
22						644.503	644.350	644.289					22
23						644.487	644.320	644.289					23
24						644.472	644.320	644.289					24
25						644.472	644.320	644.289					25
26						644.472	644.320	644.289					26
27						644.442	644.320	644.289					27
28						644.442	644.320	644.289					28
29						644.442	644.320	644.289					29
30						644.472	644.320	644.289					30
31						644.320	644.320	644.289					31
TOTAL						19975.387	19973.185						TOTAL

MEAN	644.367	644.296
MAX	644.472	644.320
MIN	644.320	644.289

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 644.591 METRES ON JUN 6

MINIMUM OBSERVED DAILY WATER LEVEL, 644.204 METRES ON NOV 6
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: CARSON LAKE near Whitecourt

STATION NUMBER: 07AH901

LOCATION: 61-12-W5 - About 8 miles North of Whitecourt.

GAUGE TYPE None. Level established by surveying.

PERIOD OF RECORD: 1962; 1966 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE: YES/ND

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

CARSON LAKE NEAR WHITECOURT

STATION NO. 07AH901

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1										852.641			1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10					852.391								10
11													11
12													12
13													13
14													14
15		852.532											15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 852.641 METRES ON OCT 4

MINIMUM OBSERVED DAILY WATER LEVEL, 852.391 METRES ON MAY 10
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: CAVAN LAKE near Medicine Hat

STATION NUMBER: 05AH901

LOCATION: 11-3-W4 - 3 miles South of Pashley and .5 miles East.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1977 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE: YES/~~NO~~

REMARKS: There is a Ducks Unlimited Control Structure on this lake.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

CAVAN LAKE NEAR MEDICINE HAT

STATION NO. 05AH901

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1					27.965								1
2										26.585			2
3													3
4													4
5													5
6													6
7									26.618				7
8								26.899					8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21						27.993							21
22													22
23													23
24													24
25					28.036								25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 28.036 METRES ON MAY 25
MINIMUM OBSERVED DAILY WATER LEVEL, 26.585 METRES ON OCT 4
WATER LEVELS ARE REFERRED TO ASSUMED DATUM

LAKE - STATION DESCRIPTION

STATION NAME: CHAPPELL LAKE near Ashmont

STATION NUMBER: 06AA903

LOCATION: 60-11-W4 - South side of Chappell Lake, 4 miles North
of Ashmont.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1969; 1971 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

~~YES~~/NO

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

CHAPPELL LAKE NEAR ASHMONT

STATION NO. 06AA903

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16									615.114				16
17													17
18					615.208								18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL

615.403

615.208

615.114

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 615.403 METRES ON FEB 21
MINIMUM OBSERVED DAILY WATER LEVEL, 615.114 METRES ON SEP 15
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: CHARLOTTE LAKE near Bonnyville

STATION NUMBER: 06AC902

LOCATION: 61-4-W4 - North side of Charlotte Lake at bridge,
3.8 miles east of Bonnyville.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1969 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/NO

REMARKS: There is a Ducks Unlimited Control Structure on this lake.
A concrete variable control structure was constructed in
1978. (F.S.L. = 548.79 metres.)

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

CHARLOTTE LAKE NEAR BONNYVILLE

STATION NO. 06AC902

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
		549.015											
11													11
12													12
13													13
14													14
15													15
									548.881				
16													16
17													17
18					549.058								18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
							548.872						
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 549.058 METRES ON MAY 17

MINIMUM OBSERVED DAILY WATER LEVEL, 548.872 METRES ON JUL 25
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: CHICKAKOO LAKE near Stony Plain

STATION NUMBER: 05EA904

LOCATION: 53-1-W5 - 5 miles North, 3 miles West of Stony Plain.

G. E. TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1968 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/~~NO~~

REMARKS:

ALBERTA E. IRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

CHICKAKOO LAKE NEAR STONY PLAIN

STATION NO. 05EA904

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1										735.897			1
2													2
3													3
4													4
5													5
6													6
7													7
8					735.970								8
9													9
10													10
11													11
12													12
13													13
14		735.961											14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 735.970 METRES ON MAY 8
MINIMUM OBSERVED DAILY WATER LEVEL, 735.897 METRES ON OCT 2
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: CHICKENHILL LAKE near St. Paul

STATION NUMBER: 06AC903

LOCATION: 59-8-W4 - North side of Chickenhill Lake at Resort,
9 miles East and 8 miles North of St. Paul.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1973 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

~~YES~~/NO

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

CHICKENHILL LAKE NEAR ST. PAUL

STATION NO. 06AC903

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
		622.435											
11					622.472								11
12													12
13													13
14													14
15													15
									622.371				
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 622.472 METRES ON MAY 11
MINIMUM OBSERVED DAILY WATER LEVEL, 622.371 METRES ON SEP 14
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: CLAIRMONT LAKE near Clairmont

STATION NUMBER: 07GE902

LOCATION: 72-6-W6 - 4.4 miles North on Highway #2 from Grande
Prairie, to control structure at lake.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1972-73; 1975 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/~~NO~~

REMARKS: There is a control structure on this lake licenced by the
County of Grande Prairie. (F.S.L. = 673.00 m.) This
structure was constructed in 1978.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

CLAIRMONT LAKE NEAR CLAIRMONT

STATION NO. 07GE902

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5													5
6		673.462											6
7													7
8													8
9													9
10											673.114		10
11							673.285						11
12													12
13													13
14													14
15													15
16													16
17													17
18					673.404								18
19													19
20													20
21													21
22													22
23								673.126					23
24									673.157				24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 673.462 METRES ON FEB 6
MINIMUM OBSERVED DAILY WATER LEVEL, 673.114 METRES ON NOV 10
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: CLAUDE LAKE near Lac La Biche

STATION NUMBER: 07CA903

LOCATION: 67-13-W4 - 4 miles Northeast of Lac La Biche.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1975 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE: YES/NO

REMARKS: There is a Ducks Unlimited Control Structure on this lake.
A steel sheet pile structure was constructed in 1978.
(F.S.L. = 566.93 metres.)

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

CLAUDE LAKE NEAR LAC LA BICHE

STATION NO. 07CA503

DAILY WATER LEVEL IN METRES FOR 1978

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

566.885

566.952

567.093

567.086

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 567.093 METRES ON JUL 5

MINIMUM OBSERVED DAILY WATER LEVEL, 566.885 METRES ON FEB 7
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

MEAN
MAX
MIN

MEAN
MAX
MIN

LAKE - STATION DESCRIPTION

STATION NAME: CLEAR LAKE near Stavely

STATION NUMBER: 05AC901

LOCATION: 14-26-W4 - 9 miles East of Stavely.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1977 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE: YES/NO

REMARKS: There is a Ducks Unlimited Control Structure on this lake.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

CLEAR LAKE NEAR STAVELY

STATION NO. 05AC901

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1								964.543					1
2													2
3													3
4													4
5													5
6									964.521				6
7													7
8													8
9													9
10										963.976			10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

964.808

964.701

964.713

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 964.808 METRES ON APR 28

MINIMUM OBSERVED DAILY WATER LEVEL, 963.976 METRES ON OCT 10
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: COW LAKE near Rocky Mountain House

STATION NUMBER: 05DC902

LOCATION: 38-8-W5 - North side of Cow Lake, South of Rocky
Mountain House on Highway #762.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1970 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/NO

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

COM LAKE NEAR ROCKY MOUNTAIN HOUSE

STATION NO. 05DC902

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10					1035.442								10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 1035.451 METRES ON JUL 5
MINIMUM OBSERVED DAILY WATER LEVEL, 1035.439 METRES ON NOV 16
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: CRIMSON LAKE near Rocky Mountain House

STATION NUMBER: 05DC903

LOCATION: 40-8-W5 - East side of Crimson Lake, 3 miles West,
4 miles North of Rocky Mountain House.

GAUGE TYPE: Staff Gauge.

PERIOD OF RECORD: 1961-62; 1964 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/~~NO~~

REMARKS:

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1							966.877	966.810					1
2							966.865						2
3							966.865						3
4							966.859	966.807					4
5							966.844	966.810					5
6							966.917	966.826					6
7							966.923	966.813					7
8							966.914	966.829					8
9							966.908						9
10					966.917		966.856						10
11						966.902	966.877	966.822					11
12						966.899	966.871	966.798					12
13							966.868	966.801					13
14							966.865	966.804					14
15							966.862	966.804			966.801		15
16					966.923								16
17					966.920	966.902	966.865						17
18						966.896	966.859	966.810					18
19								966.810					19
20						966.899	966.859	966.807					20
21													21
22							966.859	966.816					22
23							966.862	966.816					23
24						966.893	966.859						24
25						966.886	966.859						25
26						966.883	966.841	966.810					26
27													27
28					966.911	966.830		966.810					28
29					966.886	966.877	966.841	966.804					29
30					966.899		966.844	966.810					30
31						966.868	966.841						31
TOTAL							966.841						TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 966.923 METRES ON MAY 16
MINIMUM OBSERVED DAILY WATER LEVEL, 966.798 METRES ON AUG 12
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: CROW INDIAN LAKE

STATION NUMBER: 05AF901

LOCATION: 5-14-W4 - 9 miles South of Skiff.

GAUGE TYPE: Staff Gauge.

PERIOD OF RECORD: 1977 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

~~YES~~/NO

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

CROW INDIAN LAKE

STATION NO. 05AF901

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1									28.993	28.749			1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10								28.514					10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20				28.673		28.352							20
21													21
22													22
23													23
24													24
25					28.575								25
26													26
27													27
28													28
29													29
30													30
31													31

TOTAL

TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 28.993 METRES ON SEP 5

MINIMUM OBSERVED DAILY WATER LEVEL, 28.352 METRES ON JUN 20
WATER LEVELS ARE REFERRED TO ASSUMED DATUM

LAKE - STATION DESCRIPTION

STATION NAME: CRYSTAL LAKE near Grande Prairie

STATION NUMBER: 07GE903

LOCATION: 72-6-W6 - 3.2 km East of Clairmont Road in Grande
Prairie, 1.6 km South to Circle G. Ranch.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1968; 1972-73, 1975 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

~~YES~~/NO

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

CRYSTAL LAKE NEAR GRANDE PRAIRIE

STATION NO. 07GE903

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5													5
6		681.697											6
7													7
8													8
9													9
10										681.478			10
11							681.661						11
12													12
13													13
14													14
15													15
16													16
17													17
18					681.770								18
19													19
20													20
21													21
22								681.521	681.530				22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 681.770 METRES ON MAY 18
MINIMUM OBSERVED DAILY WATER LEVEL, 681.478 METRES ON NOV 10
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: CUTBANK LAKE near Wembley

STATION NUMBER: 07GE904

LOCATION: 72-8-W6 - 1 mile West of Saskatoon Lake turnoff on
Highway #2, 6 miles North to lake.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1972; 1975 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE: YES/NO

REMARKS: There is a Ducks Unlimited Control Structure on this lake.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

CUTBANK LAKE NEAR WEMBLEY

STATION NO. 07GE904

DAILY WATER LEVEL IN METRES FOR 1978

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

716.377

716.329

716.408

716.225

716.213

716.143

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 716.408 METRES ON MAY 18

MINIMUM OBSERVED DAILY WATER LEVEL, 716.143 METRES ON NOV 14
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: DAKIN LAKE near Atmore

STATION NUMBER: 07CA904

LOCATION: 67-17-W4 - The East end of Dakin Lake, 3 miles
South of Atmore.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1974 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/~~NO~~

REMARKS: There is a Ducks Unlimited Control Structure on this lake.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

DAKIN LAKE NEAR ATMORE

STATION NO. 07CA904

DAILY WATER LEVEL IN METRES FOR 1978

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

604.324

604.062

604.385

604.306

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 604.385 METRES ON MAY 9
MINIMUM OBSERVED DAILY WATER LEVEL, 604.062 METRES ON JUL 4
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: DEEP LAKE near Grande Prairie

STATION NUMBER: 07GE905

LOCATION: 72-7-W6 - 2 miles North of Saskatoon Lake.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1972, 1975 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE: YES/NO

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

DEEP LAKE NEAR GRANDE PRAIRIE

STATION NO. 07CE905

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1							712.126						1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18					712.247								18
19													19
20													20
21								712.004					21
22													22
23										712.001			23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 712.247 METRES ON MAY 18
MINIMUM OBSERVED DAILY WATER LEVEL, 711.940 METRES ON NOV 11
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: DILLBERRY LAKE near Wainwright

STATION NUMBER: 05GA901

LOCATION: 41-1-W4 - On South end of Dillberry Lake, 35 miles
East and 18 miles South of Wainwright.

GAUGE TYPE: Staff Gauge.

PERIOD OF RECORD: 1971 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/NO

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

DILLBERRY LAKE NEAR WAINWRIGHT

STATION NO. 05GA901

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1					620.847	620.847	620.756	620.695	620.634	620.618			1
2					620.847	620.847	620.756	620.664	620.634	620.618			2
3					620.847	620.847	620.756	620.664	620.634	620.618			3
4					620.847	620.847	620.756	620.664	620.634	620.618			4
5					620.847	620.847	620.756	620.664	620.634	620.618			5
6					620.847	620.847	620.756	620.664	620.634	620.618			6
7					620.847	620.847	620.762	620.649	620.618	620.603			7
8					620.817	620.817	620.756	620.649	620.618	620.603			8
9					620.817	620.817	620.756	620.649	620.618	620.603			9
10					620.817	620.817	620.756	620.664	620.618	620.603			10
11					620.817	620.817	620.756	620.664	620.618	620.603			11
12					620.817	620.817	620.725	620.664	620.618	620.603			12
13					620.817	620.817	620.725	620.664	620.618	620.603			13
14					620.817	620.817	620.725	620.634	620.618	620.603			14
15					620.817	620.817	620.695	620.634	620.618	620.603			15
16					620.817	620.817	620.695	620.634	620.618	620.603			16
17					620.817	620.817	620.695	620.634	620.618	620.603			17
18					620.817	620.817	620.695	620.634	620.618	620.588			18
19					620.817	620.817	620.695	620.634	620.618	620.588			19
20					620.817	620.817	620.695	620.634	620.618	620.588			20
21					620.817	620.817	620.695	620.634	620.618	620.588			21
22					620.817	620.817	620.695	620.634	620.618	620.588			22
23					620.817	620.817	620.695	620.634	620.618	620.588			23
24					620.817	620.817	620.695	620.634	620.618	620.588			24
25					620.865	620.817	620.695	620.634	620.618	620.588			25
26					620.847	620.817	620.695	620.634	620.618	620.618			26
27					620.847	620.786	620.695	620.634	620.618	620.618			27
28					620.847	620.786	620.695	620.634	620.618	620.618			28
29					620.847	620.786	620.695	620.634	620.618	620.618			29
30					620.878	620.756	620.695	620.634	620.618	620.588			30
31					620.878	620.756	620.695	620.634	620.618	620.588			31
TOTAL					18624.566	19242.312	19240.030						TOTAL
MEAN					620.819	620.720	620.646						MEAN
MAX					620.847	620.762	620.695						MAX
MIN					620.756	620.695	620.634						MIN

620.618

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 620.878 METRES ON MAY 30

MINIMUM OBSERVED DAILY WATER LEVEL, 620.588 METRES ON OCT 18
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: DIMSDALE LAKE near Dimsdale

STATION NUMBER: 07GE906

LOCATION: 71-7-W6 - 0.8 miles North of Dimsdale

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1975 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE: ~~YES~~/NO

REMARKS: There is a Ducks Unlimited Control Structure on this lake.
A steel plate and rock dam was constructed in 1979.
(F.S.L. = 683.06 metres.)

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

DIMSDALE LAKE AT DIMSDALE

STATION NO. 07GE906

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7		683.081											7
8													8
9													9
10							683.017						10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19					683.212								19
20													20
21													21
22								682.889					22
23									682.913				23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 683.212 METRES ON MAY 19
MINIMUM OBSERVED DAILY WATER LEVEL, 682.865 METRES ON NOV 14
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: DOWLING LAKE near Hanna

STATION NUMBER: 05CF901

LOCATION: 32-15-W4 - On Northeast tip of Dowling Lake, 9 miles
North and 3 miles West of Hanna.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1957 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

~~YES~~/NO

REMARKS: Water Survey of Canada operated station 05CF002 "near Dowling"
1957-68. Lake is frequently dry.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

DOWLING LAKE NEAR HANNA

STATION NO. 05CF901

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5													5
6								790.986					6
7													7
8													8
9													9
10													10
11					791.060								11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 791.060 METRES ON MAY 11
MINIMUM OBSERVED DAILY WATER LEVEL, 790.813 METRES ON NOV 17
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: DRIEDMEAT LAKE near Camrose

STATION NUMBER: 05FA907

LOCATION: 45-19-W4 - At Tellicum beach, 1 mile East, 9 miles
South of Camrose.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1969 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE: YES/~~NO~~

REMARKS: Water Survey of Canada operated station 05FA006 "near Edberg"
1920-30. There is an Alberta Environment Control Structure on
this lake. (Sheet piling weir; F.S.L. = 684.58 m.)

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

DRIEDMEAT LAKE NEAR CARROSE

STATION NO. 05FA907

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8			684.337										8
9													9
10													10
11													11
12													12
13													13
14													14
15								684.377					15
16													16
17													17
18													18
19									684.572				19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27					684.578								27
28													28
29													29
30													30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 684.578 METRES ON MAY 26

MINIMUM OBSERVED DAILY WATER LEVEL, 684.337 METRES ON MAR 8
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: DRIEDMEAT LAKE at Outflow

STATION NUMBER: 05FA020

LOCATION: 44-19-W4 - On secondary Highway #956, 13.5 miles South
of Highway #13.

GAUGE TYPE: Recording.

PERIOD OF RECORD: 1976 - 99

HYDROGRAPHIC SURVEY MAP AVAILABLE:

~~YES~~/NO

REMARKS: Recorder operated during open water season. Data also published
by Water Survey of Canada in "Surface Water Data, Alberta."
There is an Alberta Environment Control Structure on this lake.
(Sheet-piling weir; F.S.L. = 684.58 m.)

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

DRIEDMEAT LAKE AT OUTFLOW

STATION NO. 05FA020

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1							684.541	684.498	684.462	684.596	684.553		1
2							684.520	684.465	684.462	684.575	684.553		2
3							684.523	684.453	684.462	684.566	684.559		3
4							684.520	684.453	684.468	684.593			4
5				684.550			684.526	684.462	684.456	684.562			5
6							684.520	684.437	684.450	684.569			6
7							684.517	684.477	684.462	684.572			7
8							684.520	684.441	684.508	684.569			8
9				684.316			684.505	684.428	684.520	684.566			9
10							684.505	684.428	684.526	684.575			10
11							684.526	684.431	684.553	684.581			11
12				684.712			684.517	684.425	684.569	684.578			12
13							684.514	684.425	684.569	684.562			13
14							684.514	684.413	684.578	684.566			14
15							684.514	684.410	684.593	684.550			15
16							684.514	684.468	684.620	684.566			16
17							684.523	684.526	684.605	684.559			17
18				684.681			684.508	684.453	684.605	684.556			18
19							684.553	684.465	684.590	684.562			19
20							684.544	684.459	684.575	684.572			20
21							684.547	684.459	684.581	684.569			21
22							684.492	684.459	684.584	684.553			22
23							684.547	684.471	684.581	684.559			23
24							684.498	684.468	684.572	684.599			24
25							684.495	684.471	684.578	684.569			25
26				684.633			684.474	684.465	684.572	684.572			26
27							684.489	684.462	684.569	684.556			27
28							684.489	684.462	684.575	684.556			28
29							684.486	684.453	684.572	684.553			29
30							684.480	684.450	684.572	684.553			30
31							684.480	684.450	684.572	684.553			31
TOTAL							21219.713	21218.087	20536.389	21221.597			TOTAL
MEAN							684.507	684.454	684.546	684.568			MEAN
MAX							684.541	684.526	684.620	684.599			MAX
MIN							684.474	684.410	684.450	684.544			MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM DAILY WATER LEVEL, 684.712 METRES ON APR 12

MINIMUM DAILY WATER LEVEL, 684.316 METRES ON APR 9
WATER LEVELS ARE REFERRED TO GEODETIC

LAKE - STATION DESCRIPTION

STATION NAME: EARLIE LAKE near Kitscoty

STATION NUMBER: 05FE903

LOCATION: 48-3-W4 - 10.5 miles South of Kitscoty and 2.7 miles West.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1974 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

~~YES~~/NO

REMARKS: Geodetic Elevation verified April 1978.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

EARLIE LAKE NEAR KITSICOTY

STATION NO. 05FE905

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16										652.534			16
17													17
18													18
19													19
20													20
21													21
22													22
23		652.638											23
24													24
25					652.769								25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 652.769 METRES ON MAY 25
MINIMUM OBSERVED DAILY WATER LEVEL, 652.534 METRES ON OCT 17
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: ECCLES POND near Hinton

STATION NUMBER: 07AD901

LOCATION: 53-22-W5 - East side of Eccles Lake, 17 miles Northeast
of Hinton.

GAUGE TYPE: Staff Gauge.

PERIOD OF RECORD: 1969 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

~~YES~~/NO

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

ECCLES POND NEAR HINTON

STATION NO. 07AD901

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2										1081.159			2
3													3
4													4
5					1081.153		1081.171		1081.186				5
6													6
7								1081.165					7
8										1081.147			8
9													9
10							1081.180						10
11					1081.168				1081.208	1081.171			11
12													12
13													13
14								1081.141					14
15													15
16					1081.159								16
17									1081.174				17
18					1081.202		1081.113						18
19								1081.186					19
20													20
21													21
22													22
23													23
24	1081.071												24
25					1081.183	1081.190	1081.159		1081.171				25
26													26
27						1081.183							27
28													28
29							1081.174						29
30													30
31							1081.095						31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 1081.208 METRES ON SEP 11
MINIMUM OBSERVED DAILY WATER LEVEL, 1081.071 METRES ON JAN 24
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: EDEN LAKE near Beach Corner

STATION NUMBER: 05EA907

LOCATION: 53-2-W5 - 1 mile North of Highway #16 West at Eden
Lake turnoff.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1968-72; 1974 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/~~NO~~

REMARKS: Geodetic Elevation verified April 1978.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

EDEN LAKE NEAR BEACH CORNER

STATION NO. 05EA907

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1										735.446			1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 735.452 METRES ON MAY 8
MINIMUM OBSERVED DAILY WATER LEVEL, 735.324 METRES ON FEB 14
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: ELKWATER LAKE near Irvine

STATION NUMBER: 05AH902

LOCATION: 8-3-W4 - North end of lake.

GAUGE TYPE: Staff Gauge.

PERIOD OF RECORD: 1913; 1916; 1934; 1940; 1977 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE: YES/NO

REMARKS: Water Survey of Canada operates station 05AH025, 1917-30, 1940-50, 1962-78. There is an Alberta Environment Control Structure on the outlet of this lake. (Earth fill dam with gated outlet; F.S.L. = 1226.35 m.)

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

ELKWATER LAKE NEAR IRVINE

STATION NO. 05AH902

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1					1225.994								1
2													2
3													3
4													4
5										1226.000			5
6									1225.963				6
7													7
8													8
9								1226.000					9
10													10
11													11
12													12
13									1226.009				13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22						1226.137							22
23													23
24													24
25					1226.107								25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 1226.137 METRES ON JUN 22

MINIMUM OBSERVED DAILY WATER LEVEL, 1225.963 METRES ON SEP 7
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: ETHEL LAKE near Cold Lake

STATION NUMBER: 06AC904

LOCATION: 64-3-W4 - North side of Ethel Lake, Northwest of
Cold Lake.

GAUGE TYPE: Staff Gauge.

PERIOD OF RECORD: 1973 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/NO

REMARKS: Geodetic Elevation verified May 1978. Water Survey of Canada
station established in 1980.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

ETHEL LAKE NEAR COLD LAKE

STATION NO. 06AC904

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						541.215		541.053	540.822				1
2													2
3						541.212		541.047	540.819				3
4								541.017					4
5													5
6						541.203	541.093	541.002	540.816				6
7						541.200	541.078	540.956	540.825				7
8		541.197						540.932					8
9						541.185		540.913					9
10					541.142		541.072	540.910	540.828				10
11								540.871					11
12					541.133	541.166		540.858	540.819				12
13								540.855					13
14					541.133	541.154		540.865					14
15							541.050						15
16					541.139	541.145		540.865					16
17								540.858					17
18					541.139	541.133	541.053						18
19						541.127							19
20													20
21													21
22					541.139			540.852					22
23								540.846					23
24							541.047	540.840					24
25								540.834					25
26						541.114	541.041						26
27					541.169	541.108		540.828					27
28					541.175								28
29					541.206	541.108	541.047						29
30					541.212	541.102	541.057	540.825					30
31													31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 541.215 METRES ON JUN 1
MINIMUM OBSERVED DAILY WATER LEVEL, 540.816 METRES ON SEP 6
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: FAIRFAX LAKE near Robb

STATION NUMBER: 07BA901

LOCATION: 46-18-W5 - On South side of Fairfax Lake, 15.5 miles
East and 14.5 miles South of Robb.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1969-70; 1972; 1974 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/NO

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

FAIRFAX LAKE NEAR ROBB

STATION NO. 07BA901

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16			29.188										16
17													17
18					29.188								18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL						29.200							TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 29.200 METRES ON JUN 28
MINIMUM OBSERVED DAILY WATER LEVEL, 29.188 METRES ON MAR 16
WATER LEVELS ARE REFERRED TO ASSUMED DATUM

LAKE - STATION DESCRIPTION

STATION NAME: FERGUSON LAKE near Clairmont

STATION NUMBER: 07GE907

LOCATION: 72-6-W6 - 4 miles North of Grande Prairie

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1975 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE: ~~YES~~/NO

REMARKS: There is a Ducks Unlimited Control Structure on this lake.
A sheet pile weir was constructed in 1978. (F.S.L. = 670.87
metres.)

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

FERGUSON LAKE NEAR CLAIRMONT

STATION NO. 07GE907

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10											670.173		10
11													11
12													12
13													13
14													14
15							670.536						15
16													16
17													17
18					670.609								18
19													19
20													20
21													21
22													22
23								670.347					23
24									670.313				24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 670.609 METRES ON MAY 18
MINIMUM OBSERVED DAILY WATER LEVEL, 670.173 METRES ON NOV 10
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: FICKLE LAKE near Edson

STATION NUMBER: 07AF903

LOCATION: 51-19-W5 - East side of Fickle Lake, 13.3 miles South
on Highway #47 from Highway #16 and 6.0 miles
West.

GAUGE TYPE: Staff Gauge.

PERIOD OF RECORD: 1971 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/NO

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

FICKLE LAKE NEAR EDSON

STATION NO. 07AF903

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						29.873	29.831		30.014	29.937			1
2													2
3													3
4													4
5													5
6								29.840		29.892			6
7													7
8													8
9													9
10						29.937							10
11					29.849				30.044				11
12										29.861			12
13								29.858					13
14													14
15													15
16			29.681										16
17													17
18					29.867	30.062	29.663		29.998				18
19								29.867					19
20													20
21													21
22													22
23													23
24													24
25													25
26					29.895								26
27													27
28						29.937		30.008					28
29													29
30													30
31							29.913						31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 30.062 METRES ON JUN 18
MINIMUM OBSERVED DAILY WATER LEVEL, 29.663 METRES ON JUL 17
WATER LEVELS ARE REFERRED TO ASSUMED DATUM

LAKE - STATION DESCRIPTION

STATION NAME: FISH LAKE near Nordegg

STATION NUMBER: 05DC904

LOCATION: 40-15-W5 - East side of Fish Lake, 3 miles West and
0.8 miles South of Nordegg.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1973 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/~~NO~~

REMARKS: Hydrographic Survey Map of the Outflow structure area only.
There is a Ducks Unlimited Control Structure on this lake.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

FISH LAKE NEAR NORDEGG

STATION NO. 05DC904

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
					1336.837								
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

TOTAL
MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 1336.837 METRES ON MAY 10
MINIMUM OBSERVED DAILY WATER LEVEL, 1336.801 METRES ON NOV 15
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: FLAT LAKE near Boyle

STATION NUMBER: 07CA905

LOCATION: 65-20-W4 - The South side of Flat Lake, 4.5 miles West
and .75 miles North of Boyle.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1958-59; 1965 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/~~NO~~

REMARKS: Water Survey of Canada operated station 05CA002 "near Stocks"
1918-30. There is a Ducks Unlimited Control Structure on this
lake. (Concrete weir with control gate; F.S.L. = 587.84 m.)
This structure was constructed in 1972.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

FLAT LAKE NEAR BOYLE

STATION NO. 07C/A905

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10					587.715								10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

MEAN
MAX
MIN
TOTAL

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 588.044 METRES ON JUL 4

MINIMUM OBSERVED DAILY WATER LEVEL, 587.715 METRES ON MAY 9

WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: FLOATINGSTONE LAKE near Spedden

STATION NUMBER: 06AA904

LOCATION: 60-11-W4 - South side of Floatingstone Lake, 4 miles
East and 5.2 miles north of Spedden.

GAUGE TYPE: Staff Gauge.

PERIOD OF RECORD: 1968 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE: YES/~~NO~~

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

FLOATINGSTONE LAKE NEAR SPEDDEN

STATION NO. 06A/906

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						602.894	602.742		602.498				1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9						602.836	602.651						9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17						602.833	602.651						17
18					602.782								18
19					602.782								19
20													20
21		602.468											21
22					602.782								22
23													23
24						602.803	602.590						24
25													25
26													26
27													27
28													28
29													29
30													30
31					602.870		602.590	602.498					31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 602.894 METRES ON JUN 3

MINIMUM OBSERVED DAILY WATER LEVEL, 602.468 METRES ON FEB 21
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: FLYINGSHOT LAKE near Grande Prairie

STATION NUMBER: 07GE908

LOCATION: 71-6-W6 - South West of Grande Prairie, approximately
1.5 miles South of Hwy. #2.

GAUGE TYPE: None. Level established by survey.

PERIOD OF RECORD: 1968; 1972-73; 1975 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE: ~~YES~~/NO

REMARKS: There is a Ducks Unlimited Control Structure on this lake.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

FLYINGSHOT LAKE NEAR GRANDE PRAIRIE
DAILY WATER LEVEL IN METRES FOR 1978

STATION NO. 07GE908

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

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 651.169 METRES ON MAY 19
MINIMUM OBSERVED DAILY WATER LEVEL, 650.952 METRES ON AUG 21
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: FORK LAKE near Lac La Biche

STATION NUMBER: 06AA905

LOCATION: 63-11-W4 - South side of Fork Lake, 22 miles South and
18 miles East of Lac La Biche.

GAUGE TYPE: Staff Gauge.

PERIOD OF RECORD: 1968 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/~~NO~~

REMARKS: There is a Ducks Unlimited Control Structure on this lake.
A sheet pile weir was constructed in 1973.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

FORK LAKE NEAR LAC LA BICHE

STATION NO. 06AA905

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						587.965	587.980	587.926	587.839				1
2						587.974	587.980	587.913	587.892				2
3						587.984	587.980	587.913	587.892				3
4						587.990		587.907	587.892				4
5						587.984	587.968	587.904					5
6						587.984	587.965	587.898					6
7						587.984	587.956	587.898	587.932				7
8		587.776				587.984	587.950	587.895	587.944				8
9						587.984	587.950	587.895	587.944				9
10					587.840		587.950	587.895	587.944				10
11					587.837		587.950	587.895	587.944				11
12					587.837		587.956	587.892		587.938			12
13								587.892					13
14					587.837	587.993	587.956	587.892					14
15					587.837	587.999	587.950	587.892					15
16							587.944	587.892					16
17					587.837			587.892					17
18					587.837	588.002	587.935	587.895					18
19					587.837		587.926						19
20					587.837	587.999	587.926						20
21					587.837	587.993	587.929						21
22					587.834		587.929						22
23						587.987	587.926	587.883					23
24					587.822	587.984		587.883					24
25					587.840	587.984		587.868					25
26								587.868					26
27					587.859	587.984		587.865					27
28						587.980		587.868					28
29					587.944		587.926	587.874					29
30						587.980		587.874					30
31					587.959		587.926	587.874					31
TOTAL													

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 588.002 METRES ON JUN 18

MINIMUM OBSERVED DAILY WATER LEVEL, 587.776 METRES ON FEB 8
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: FREEMAN LAKE near Swan Hills

STATION NUMBER: 07AH902

LOCATION: 66-11-W5 - East side of Freeman Lake, 6 miles West
and 1.3 miles South of Swan Hills.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1972 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/~~NO~~

REMARKS: Geodetic Elevation verified May 1978. There is a Ducks
Unlimited Control Structure on this lake.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

FREEMAN LAKE NEAR SWAN HILLS

STATION NO. 07AH902

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10					1108.862								10
11													11
12													12
13													13
14													14
15													15
16		1108.207											16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													
MEAN													
MAX													
MIN													

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 1108.862 METRES ON MAY 10

MINIMUM OBSERVED DAILY WATER LEVEL, 1108.207 METRES ON FEB 15
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: FROG LAKE near Elk Point

STATION NUMBER: 05ED904

LOCATION: 56-3-W4 - West side of Frog Lake, 22.5 miles East,
and 2 miles South of Elk Point.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1968 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/~~NO~~

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

FROG LAKE NEAR ELK POINT

STATION NO. 05ED904

DAILY WATER LEVEL IN METRES FOR 1978

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

574.051

574.121

574.036

573.926

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 574.121 METRES ON JUL 6

MINIMUM OBSERVED DAILY WATER LEVEL, 573.926 METRES ON FEB 9
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: GABRIEL LAKE near Bentley

STATION NUMBER: 05CC902

LOCATION: 40-4-W5 - 6 miles Northwest of Eckville.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1971 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

~~YES~~/NO

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

GABRIEL LAKE NEAR BENTLEY

STATION NO. 05CC902

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10					943.039								10
11													11
12													12
13													13
14													14
15													15
16											943.481		16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

MEAN
MAX
MIN

TOTAL
MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 943.481 METRES ON NOV 15
MINIMUM OBSERVED DAILY WATER LEVEL, 943.039 METRES ON MAY 10
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: GARNER LAKE near Spedden

STATION NUMBER: 06AA906

LOCATION: 60-12-W4 - South side of Garner Lake, 2.5 miles North
of Spedden.

GAUGE TYPE: Staff Gauge.

PERIOD OF RECORD: 1968 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/~~NO~~

REMARKS: Geodetic Elevation verified April 1978.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

GARNER LAKE NEAR SPEEDEN

STATION NO. 06AA906

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						608.408							1
2													2
3													3
4									608.292				4
5													5
6								608.341					6
7													7
8													8
9													9
10													10
11													11
12								608.298					12
13													13
14													14
15							608.341		608.347				15
16						608.393							16
17													17
18					608.317			608.286					18
19													19
20													20
21		608.210											21
22													22
23													23
24						608.372							24
25								608.271					25
26					608.408								26
27													27
28													28
29													29
30						608.347		608.305					30
31													31
TOTAL													
MEAN													
MAX													
MIN													

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 608.408 METRES ON MAY 26

MINIMUM OBSERVED DAILY WATER LEVEL, 608.210 METRES ON FEB 21
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: GERRY LAKE near Hines Creek

STATION NUMBER: 07FD904

LOCATION: 84-2-W6 - South end of Gerry Lake, Northwest of
Whitelaw.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1973 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE: ~~YES~~/NO

REMARKS: For the period 1973 to present, data taken is not Gerry Lake proper but an adjacent pond. The station is to be re-established in 1981.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

GERRY LAKE NEAR HINES CREEK

STATION NO. 07FD904

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1									669.009				1
2										669.112			2
3													3
4													4
5													5
6						669.237							6
7													7
8								668.908					8
9											669.082		9
10													10
11													11
12													12
13													13
14													14
15							669.167						15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23						669.115							23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 669.237 METRES ON JUN 6
MINIMUM OBSERVED DAILY WATER LEVEL, 668.908 METRES ON AUG 8
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: GHOST LAKE near Athabasca

STATION NUMBER: 07BE903

LOCATION: 68-24-W4 - Northwest of Athabasca, approximately 1 mile
West of Highway #3.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1969 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE: YES/~~NO~~

REMARKS: There is a Ducks Unlimited Control Structure on this lake.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

GHOST LAKE NEAR ATHABASCA

STATION NO. 07DE903

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1										631.594			1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11					631.341								11
12													12
13													13
14													14
15													15
16		631.268											16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													
MEAN													
MAX													
MIN													

UMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 631.594 METRES ON OCT 5
MINIMUM OBSERVED DAILY WATER LEVEL, 631.268 METRES ON FEB 16
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: GOLDEYE LAKE near Nordegg

STATION NUMBER: 05DC905

LOCATION: 40-16-W5 - 6.5 miles West of Nordegg, North 0.8
miles off Highway #11.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1971 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/NO

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

GOLDEYE LAKE NEAR NORDEGG

STATION NO. 05DC905

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10					1346.896								10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													
MEAN													
MAX													
MIN													

TOTAL
MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 1346.896 METRES ON MAY 10
MINIMUM OBSERVED DAILY WATER LEVEL, 1346.737 METRES ON NOV 15
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: GOODFARE LAKE near Goodfare

STATION NUMBER: 07GD901

LOCATION: 72-11-W6 - 1 mile Northeast of Goodfare.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1976 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE: ~~YES~~/NO

REMARKS: There is a Ducks Unlimited Control Structure on this lake.
A corrugated metal weir was constructed in 1979. (F.S.L.
= 770.69 metres.)

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

GOODFARE LAKE NEAR GOODFARE

STATION NO. 07GD901

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16							770.464						16
17													17
18													18
19					770.611								19
20													20
21													21
22								770.409					22
23									770.388				23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 770.611 METRES ON MAY 19

MINIMUM OBSERVED DAILY WATER LEVEL, 770.294 METRES ON NOV 14
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: GOODFISH LAKE near Vilna

STATION NUMBER: 06AA907

LOCATION: 61-13-W4 - Northwest side of Goodfish Lake, 3.3 miles
East and 11.3 miles North of Vilna.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1971 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE: YES/~~NO~~

REMARKS: There is a Ducks Unlimited Control Structure on this lake.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

GOODFISH LAKE NEAR VILNA

STATION NO. 06AAS07

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11							580.909						11
12													12
13													13
14													14
15									580.879				15
16													16
17													17
18					580.787								18
19													19
20													20
21													21
22					580.568								22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 580.909 METRES ON JUL 11

MINIMUM OBSERVED DAILY WATER LEVEL, 580.568 METRES ON FEB 21
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: GOOSE LAKE near Fort Assiniboine

STATION NUMBER: 07AH903

LOCATION: 61-8-W5 - South side of Goose Lake, 14.5 miles West and
1.5 miles South of Fort Assiniboine.

GAUGE TYPE: Staff Gauge.

PERIOD OF RECORD: 1968 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/NO

REMARKS: There is an Alberta Environment Control Structure on this lake.
(Sheet-piling weir)

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

GOOSE LAKE NEAR FORT ASSINIBOINE

STATION NO. 07AH903

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						724.339	724.342		724.372				1
2													2
3													3
4													4
5								724.382		724.412			5
6													6
7													7
8													8
9					724.348	724.330	724.330		724.409				9
10													10
11													11
12					724.342			724.378					12
13													13
14													14
15		724.278											15
16													16
17													17
18						724.363	724.528		724.449				18
19								724.369					19
20					724.333								20
21													21
22													22
23													23
24						724.385	724.500		724.424				24
25													25
26													26
27					724.330			724.369					27
28													28
29													29
30													30
31									724.421				31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 724.528 METRES ON JUL 16
MINIMUM OBSERVED DAILY WATER LEVEL, 724.278 METRES ON FEB 15
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: GOOSEBERRY LAKE near Consort

STATION NUMBER: 05GA904

LOCATION: 36-6-W4 - 8 miles North of Consort.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1955-66; 1971 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/~~NO~~

REMARKS: Water Survey of Canada operated station 05GA005 in 1955-68.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

GOOSEBERRY LAKE NEAR CONSORT

STATION NO. 05GA904

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5													5
6								696.017					6
7													7
8													8
9													9
10													10
11					696.105								11
12													12
13													13
14													14
15							695.767						15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29											695.913		29
30													30
31													31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 696.105 METRES ON MAY 11

MINIMUM OBSERVED DAILY WATER LEVEL, 695.767 METRES ON JUL 14
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: GOSLING LAKE near Buck Lake

STATION NUMBER: 05CC903

LOCATION: 44-6-W5 - Northwest of Rimbey.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1970 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE: YES/~~NO~~

REMARKS: There is a Ducks Unlimited Control Structure on this lake.
A sheet pile weir was constructed in 1971. (F.S.L. =
1004.16 metres.)

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

GOSLING LAKE NEAR BUCK LAKE

STATION NO. 05CC903

DAILY WATER LEVEL IN METRES FOR 1978

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

1004.362

1004.078

1004.042

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 1004.362 METRES ON OCT 18

MINIMUM OBSERVED DAILY WATER LEVEL, 1004.042 METRES ON JUL 27
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: GRANDE CACHE LAKE near Grande Cache

STATION NUMBER: 07GA901

LOCATION: 57-8-W6 - 3 miles East of Grande Cache on Hwy. #40.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1970 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/NO

REMARKS: Lake elevation controlled.

STATION NO. 07GA901

DAILY WATER LEVEL IN METRES FOR 1978

[illegible]

TOTAL
MEAN
MAX
MIN
SUMMA

TOTAL
MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 1117.263 METRES ON OCT 12

MINIMUM OBSERVED DAILY WATER LEVEL, 1117.095 METRES ON JAN 25
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: GRAVEYARD LAKE near Hinton

STATION NUMBER: 07AC902

LOCATION: 52-26-W5 - East side of stream between Graveyard
and Cache Lakes.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1971 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/~~NO~~

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

GRAVEYARD LAKE NEAR HINTON

STATION NO. 07AC902

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
			1148.124										
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL

1148.566

1148.523

1148.124

1148.398

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 1148.566 METRES ON JUN 27

MINIMUM OBSERVED DAILY WATER LEVEL, 1148.124 METRES ON MAR 15
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: GREGG LAKE near Hinton

STATION NUMBER: 07AC903

LOCATION: 52-26-W5 - East side of Gregg Lake, 0.5 miles East
of Highway #40.

GAUGE TYPE: Staff Gauge.

PERIOD OF RECORD: 1968 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/~~NO~~

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

GREGG LAKE NEAR HINTON

STATION NO. 07AC903

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						1138.541	1138.532	1138.513					1
2						1138.532	1138.528	1138.513					2
3						1138.516	1138.498	1138.528					3
4						1138.504	1138.468	1138.528					4
5						1138.495	1138.446	1138.513					5
6						1138.495	1138.446	1138.498					6
7						1138.480	1138.449	1138.483					7
8						1138.474	1138.449	1138.498					8
9						1138.464	1138.452	1138.483	1138.623				9
10						1138.477	1138.449	1138.468					10
11						1138.480	1138.452	1138.483		1138.486			11
12						1138.483	1138.455	1138.483					12
13						1138.474	1138.461	1138.468					13
14						1138.519	1138.461						14
15						1138.586	1138.464						15
16						1138.611	1138.468	1138.513					16
17					1138.513	1138.647	1138.498	1138.498					17
18						1138.663	1138.528	1138.498					18
19						1138.559	1138.513	1138.513					19
20						1138.589	1138.528	1138.528					20
21						1138.635	1138.620	1138.535					21
22						1138.632	1138.620	1138.532					22
23						1138.629	1138.620	1138.528					23
24						1138.532	1138.620	1138.589					24
25	1138.404				1138.547	1138.611	1138.574						25
26						1138.574	1138.574	1138.513					26
27					1138.562	1138.577	1138.559	1138.498					27
28					1138.565	1138.553	1138.544	1138.528					28
29						1138.535	1138.528	1138.513					29
30						1138.541	1138.528	1138.528					30
31						1138.528	1138.528	1138.513					31
TOTAL							35293.967						TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 1138.663 METRES ON JUN 18
MINIMUM OBSERVED DAILY WATER LEVEL, 1138.404 METRES ON JAN 25
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: HANMORE LAKE near Smoky Lake

STATION NUMBER: 05EC901

LOCATION: 61-17-W4 - The Southeast corner of Hanmore Lake.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1969 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/NO

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

HANMORE LAKE NEAR SMOKY LAKE

STATION NO. 05EC901

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11							669.326						11
12													12
13													13
14													14
15													15
16													16
17													17
18					669.307								18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL

669.167

669.307

669.326

669.502

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 669.502 METRES ON SEP 15

MINIMUM OBSERVED DAILY WATER LEVEL, 669.167 METRES ON FEB 21
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: HASSE LAKE near Stony Plain

STATION NUMBER: 05EA908

LOCATION: 52-2-W5 - Approximately 2 miles West and 1.25 miles
South of Edmonton Beach.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1968 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/NO

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

HASSE LAKE NEAR STONY PLAIN

STATION NO. 05EA908

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1										728.441			1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9					728.396								9
10													10
11													11
12													12
13													13
14		728.359											14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 728.441 METRES ON OCT 2
MINIMUM OBSERVED DAILY WATER LEVEL, 728.359 METRES ON FEB 14
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: HERMIT LAKE near Grande Prairie

STATION NUMBER: 07GE909

LOCATION: 72-7-W6 - 4 miles Northwest of Grande Prairie.

GAUGE TYPE None. Level established by surveying.

PERIOD OF RECORD: 1976 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

~~YES~~/NO

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

HERMIT LAKE NEAR GRANDE PRAIRIE

STATION NO. 07GE909

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7		660.334											7
8													8
9													9
10							660.175						10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19					660.300								19
20													20
21													21
22									659.980				22
23													23
24									660.014				24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 660.334 METRES ON FEB 7
MINIMUM OBSERVED DAILY WATER LEVEL, 659.977 METRES ON NOV 14
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: HUBBLES LAKE near Stony Plain

STATION NUMBER: 05EA915

LOCATION: 57-1-W5 - East end of Hubbles Lake, 3 miles West and
2.5 miles North of Stony Plain.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1968 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/NO

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

HUBBLES LAKE NEAR STONY PLAIN

STATION NO. 05EA915

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1										728.935			1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
		728.768											16
													17
													18
													19
													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

TOTAL
MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 728.935 METRES ON OCT 2
MINIMUM OBSERVED DAILY WATER LEVEL, 728.768 METRES ON FEB 14
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: HUGHES LAKE near Grande Prairie

STATION NUMBER: 07GE910

LOCATION: 71-6-W6 - 4 miles Northwest of Grande Prairie.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1975 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

~~YES~~/NO

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

HUGHES LAKE NEAR GRANDE PRAIRIE

STATION NO. 07GE910

DAILY WATER LEVEL IN METRES FOR 1978

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

662.327

662.059

662.074

662.388

662.169

662.044

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 662.388 METRES ON FEB 7
MINIMUM OBSERVED DAILY WATER LEVEL, 662.044 METRES ON NOV 14
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: IOSEGUN LAKE near Fox Creek

STATION NUMBER: 07GG901

LOCATION: 63-18-W5 - 3.5 miles North of Fox Creek at
Forestry campsite on Iosegun Lake.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1975 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/~~NO~~

REMARKS: Geodetic Elevation established April 1980.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

IOSEGUN LAKE NEAR FOX CREEK

STATION NO. 07CG901

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5						773.771							5
6													6
7												773.628	7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20						774.317							20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31						773.491							31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 774.317 METRES ON JUN 20

MINIMUM OBSERVED DAILY WATER LEVEL, 773.491 METRES ON JAN 31
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: IRONWOOD LAKE near Lac La Biche

STATION NUMBER: 06AA908

LOCATION: 65-11-W4 - At highways campsite.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1973 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/~~NO~~

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

IRONWOOD LAKE NEAR LAC LA BICHE

STATION NO. 05AA903

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1							22.616						1
2													2
3													3
4													4
5													5
6													6
7													7
8		22.339											8
9													9
10					22.409								10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 22.641 METRES ON SEP 13
MINIMUM OBSERVED DAILY WATER LEVEL, 22.339 METRES ON FEB 8
WATER LEVELS ARE REFERRED TO ASSUMED DATUM

LAKE - STATION DESCRIPTION

STATION NAME: ISLAND LAKE near Athabasca

STATION NUMBER: 07BE904

LOCATION: 67-24-W4 - On Hwy. #2 to Smith by Island Lake store.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1968 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/~~NO~~

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

ISLAND LAKE NEAR ATHABASCA

STATION NO. 070E904

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5										601.562			5
6													6
7													7
8													8
9													9
10					601.541								10
11													11
12													12
13													13
14													14
15													15
16		601.538											16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31

TOTAL

MEAN
MAX
MIN

TOTAL
MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 601.562 METRES ON OCT 5
MINIMUM OBSERVED DAILY WATER LEVEL, 601.538 METRES ON FEB 16
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: ISLE LAKE near Gainford

STATION NUMBER: 05EA909

LOCATION: 53-6-W5 - North of Gainford Hotel.

GAUGE TYPE: Staff Gauge.

PERIOD OF RECORD: 1960-72; 1975 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/~~NO~~

REMARKS: Water Survey of Canada operates station 05EA008 "at Camp He-Ho-Ha" since 1972. Geodetic Elevation verified April 1978. There is a Ducks Unlimited Control Structure on this lake.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

ISLE LAKE NEAR GAINFORD

STATION NO. 05EA909

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1											730.072		1
2													2
3													3
4													4
5													5
6									730.029				6
7													7
8													8
9													9
10				730.033									10
11													11
12													12
13													13
14													14
15													15
16													16
17				726.945									17
18													18
19													19
20				729.984									20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28				729.932									28
29													29
30													30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 730.292 METRES ON SEP 27

MINIMUM OBSERVED DAILY WATER LEVEL, 726.945 METRES ON APR 17
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: JACKFISH LAKE near Rocky Mountain House

STATION NUMBER: 05DC906

LOCATION: 41-11-W5 - East side of Jackfish Lake, 27.5 miles West
by Northwest of Rocky Mountain House.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1969 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

~~YES~~/NO

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

JACKFISH LAKE NEAR ROCKY MOUNTAIN HOUSE

STATION NO. 05DC906

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10					1141.778								10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 1141.887 METRES ON JUL 5
MINIMUM OBSERVED DAILY WATER LEVEL, 1141.778 METRES ON MAY 10
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: JACKFISH LAKE near Stony Plain

STATION NUMBER: 05DE902

LOCATION: 52-2-W5 - East side of Jackfish Lake, 9 miles West and
3 miles South of Stony Plain.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1968 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/~~NO~~

REMARKS: Geodetic Elevation verified November 1979.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

JACKFISH LAKE NEAR STONY PLAIN

STATION NO. 05DE902

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1										729.703			1
2													2
3													3
4													4
5													5
6													6
7													7
8					729.578								8
9													9
10													10
11													11
12													12
13													13
14		729.508											14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 729.703 METRES ON OCT 2

MINIMUM OBSERVED DAILY WATER LEVEL, 729.508 METRES ON FEB 14
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: JARVIS LAKE near Hinton

STATION NUMBER: 07AC904

LOCATION: 51-26-W5 - Southwest side of Jarvis Lake in W.S. Switzer
Provincial Park.

GAUGE TYPE: Staff Gauge.

PERIOD OF RECORD: 1968 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/NO

REMARKS:

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						1151.303	1151.287	1151.290	1151.297				1
2						1151.290		1151.275	1151.251				2
3						1151.281		1151.297	1151.254				3
4						1151.278							4
5													5
6						1151.275	1151.284	1151.281	1151.266				6
7						1151.272	1151.287	1151.275	1151.281				7
8						1151.269	1151.287	1151.281	1151.287				8
9						1151.272	1151.290	1151.281	1151.297				9
10						1151.281	1151.297	1151.294	1151.300				10
11						1151.290	1151.300	1151.290	1151.297	1151.263			11
12						1151.297	1151.297	1151.297	1151.297				12
13						1151.300	1151.297	1151.281	1151.312				13
14						1151.321	1151.294	1151.266	1151.315				14
15						1151.348	1151.290		1151.297				15
16					1151.287	1151.367	1151.294						16
17						1151.379	1151.297	1151.300					17
18						1151.388	1151.300	1151.306					18
19						1151.382	1151.300	1151.312					19
20						1151.358	1151.306	1151.303					20
21						1151.354	1151.309	1151.297					21
22						1151.348	1151.327	1151.290					22
23						1151.361	1151.312	1151.297					23
24						1151.351	1151.309	1151.281					24
25	1150.650				1151.315	1151.342	1151.306	1151.266					25
26					1151.336	1151.327	1151.306						26
27					1151.333	1151.321	1151.303						27
28						1151.294	1151.300	1151.300					28
29						1151.297	1151.297	1151.303					29
30						1151.300	1151.306	1151.312					30
31							1151.294	1151.306					31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 1151.388 METRES ON JUN 18

MINIMUM OBSERVED DAILY WATER LEVEL, 1150.650 METRES ON JAN 25

WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: JENSEN RESERVOIR

STATION NUMBER: 05AE901

LOCATION: 4-22-4 - 1.5 miles West and 6 miles South of Magrath.

GAUGE TYPE: Staff Gauge.

PERIOD OF RECORD: 1967 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/NO

REMARKS: There is an Alberta Environment Control Structure on the outlet of this lake.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

JENSEN RESERVOIR

STATION NO. 05AE901

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1					1069.558			1070.305	1069.315				1
2							1070.290	1070.153					2
3					1069.558		1070.320	1070.153					3
4								1070.153					4
5													5
6				1069.132			1070.534						6
7							1070.579						7
8					1069.375			1070.153					8
9				1069.711			1070.579	1070.137					9
10													10
11				1069.802									11
12				1070.016									12
13				1070.061									13
14				1070.061									14
15								1070.137					15
16				1069.741									16
17				1069.741									17
18				1069.833		1069.558	1070.610						18
19				1070.046			1070.610						19
20													20
21				1070.092				1070.137					21
22					1069.375	1069.711		1070.275					22
23					1069.497		1070.610	1069.955					23
24								1069.833					24
25													25
26				1070.107		1069.772	1070.595	1069.802					26
27				1069.863				1069.772					27
28				1069.665		1069.772		1069.650					28
29						1069.894							29
30						1070.168							30
31							1070.427	1069.375		1066.541			31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 1070.610 METRES ON JUL 18
MINIMUM OBSERVED DAILY WATER LEVEL, 1066.541 METRES ON OCT 30
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: JESSIE LAKE near Bonnyville

STATION NUMBER: 06AC906

LOCATION: 61-5-W4 - East side of the lake.

GAUGE TYPE: Staff Gauge.

PERIOD OF RECORD: 1968 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/~~NO~~

REMARKS: There is a Ducks Unlimited Control Structure on this lake.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

JESSIE LAKE NEAR BONNYVILLE

STATION NO. 06AC906

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1							549.051		548.875	548.896			1
2													2
3													3
4													4
5													5
6						549.155	548.972	548.930					6
7													7
8													8
9		549.115					548.975			548.881			9
10													10
11					549.189				548.878				11
12						549.128			548.887				12
13													13
14								548.899					14
15													15
16							549.015			548.866			16
17					549.170								17
18						549.112			548.930				18
19													19
20													20
21								548.911		548.847			21
22													22
23													23
24													24
25									548.911				25
26		549.067				549.067							26
27													27
28								548.884					28
29							548.945						29
30										548.823			30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 549.189 METRES ON MAY 11

MINIMUM OBSERVED DAILY WATER LEVEL, 548.823 METRES ON OCT 31

WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: JOHNNY'S LAKE near Stony Plain

STATION NUMBER: 05DE903

LOCATION: 52-2-W5 - South side of Johnny's Lake, 1.3 miles
South and 12.2 miles West of Stony Plain.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1968-72; 1974 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE: YES/NO

REMARKS: Geodetic Elevation verified April 1978.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

JOHNNY'S LAKE NEAR STONY PLAIN

STATION NO. 05DE903

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1										722.096			1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9					721.919								9
10													10
11													11
12													12
13													13
14													14
15													15
		721.882											
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 722.096 METRES ON OCT 2

MINIMUM OBSERVED DAILY WATER LEVEL, 721.882 METRES ON FEB 14
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: JOSEPH LAKE near New Sarepta

STATION NUMBER: 05EB903

LOCATION: 50-22-W4 - .5 miles North and 3 miles East of New
Sarepta.

GAUGE TYPE: Staff Gauge.

PERIOD OF RECORD: 1969 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/~~NO~~

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

JOSEPH LAKE NEAR NEW SAREPTA

STATION NO. 05EB903

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
			759.098										
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 759.174 METRES ON OCT 20

MINIMUM OBSERVED DAILY WATER LEVEL, 758.995 METRES ON AUG 16

WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: KEHIWIN LAKE near Bonnyville

STATION NUMBER: 06AC907

LOCATION: 58-7-W4 - East side of Kehiwin Lake, 20 miles South
Southwest of Bonnyville.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1967 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/~~NO~~

REMARKS: There is a Ducks Unlimited Control Structure on this lake.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

KEHIMIN LAKE NEAR BONNYVILLE

STATION NO. 06AC907

DAILY WATER LEVEL IN METRES FOR 1978

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

539.907

539.731

539.505

539.944

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 539.944 METRES ON MAY 11

MINIMUM OBSERVED DAILY WATER LEVEL, 539.505 METRES ON SEP 14
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: KINKY LAKE near Hinton

STATION NUMBER: 07AD902

LOCATION: 49-26-W5 - Approximately 12 miles West of Hinton.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1971 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE: YES/~~NO~~

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

KINKY LAKE NEAR HINTON

STATION NO. 07AD902

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1										1152.403			1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16					1152.376								16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25	1152.150												25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 1152.403 METRES ON OCT 11

MINIMUM OBSERVED DAILY WATER LEVEL, 1152.150 METRES ON JAN 25
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: LA GLACE LAKE near La Glace

STATION NUMBER: 07GE911

LOCATION: 74-9-W6 - 3 miles West of La Glace.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1976 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

~~YES~~/NO

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

LA GLACE LAKE NEAR LA GLACE

STATION NO. 07GE911

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5													5
6		722.333											6
7													7
8													8
9													9
10											721.705		10
11							721.873						11
12													12
13													13
14													14
15													15
16													16
17													17
18					722.053								18
19													19
20													20
21													21
22													22
23								721.748					23
24									721.763				24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 722.333 METRES ON FEB 6
MINIMUM OBSERVED DAILY WATER LEVEL, 721.705 METRES ON NOV 10
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: LAC BELLEVUE near St. Paul

STATION NUMBER: 05ED909

LOCATION: 56-9-W4 - On the North end of Lac Bellevue, 12 miles
South of St. Paul.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1969 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE: ~~YES~~/NO

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

LAC BELLEVUE NEAR ST. PAUL

STATION NO. 05ED909

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10		30.114						30.282					10
11					30.193								11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20									30.230				20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													
MEAN													
MAX													
MIN													

OTAL
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SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 30.282 METRES ON JUL 6

MINIMUM OBSERVED DAILY WATER LEVEL, 30.114 METRES ON FEB 10
WATER LEVELS ARE REFERRED TO ASSUMED DATUM

LAKE - STATION DESCRIPTION

STATION NAME: LAC SAINT CYR near St. Paul.

STATION NUMBER: 05ED910

LOCATION: 57-9-W4 - South end of Lac Saint Cyr, 35 miles East
and 6.5 miles South of St. Paul.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1971 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE: YES/NO

REMARKS: There is an Alberta Environment Control Structure on this lake.
(Proposed F.S.L. = 645.41 m.)

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

LAC SAINT CYR NEAR ST. PAUL

STATION NO. 05ED910

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5													5
6								644.326					6
7													7
8													8
9													9
10		644.317											10
11					644.320								11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20									644.213				20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

TOTAL
MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 644.326 METRES ON JUL 6
MINIMUM OBSERVED DAILY WATER LEVEL, 644.213 METRES ON SEP 14
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: LAC SANTE near St. Paul

STATION NUMBER: 05ED911

LOCATION: 56-11-W4 - East side of Lac Sante, 11 miles West and
11 miles South of St. Paul.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1968 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/~~NO~~

REMARKS: There is a Ducks Unlimited Control Structure on this lake.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

LAC SANTE NEAR ST. PAUL

STATION NO. 05ED911

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16										607.491			16
17													17
18													18
19													19
20													20
21													21
22		607.686											22
23													23
24					607.808								24
25							607.841						25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 607.841 METRES ON JUL 25
MINIMUM OBSERVED DAILY WATER LEVEL, 607.491 METRES ON OCT 16
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: LAURIER LAKE near Heinsburg

STATION NUMBER: 05ED912

LOCATION: 56-4-W4 - Southeast side of Laurier Lake, 5.3 miles
North and 0.2 miles East of Heinsburg.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1968 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/~~NO~~

REMARKS: Geodetic Elevation verified May 1978.

There is a Ducks Unlimited Control Structure on this lake.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

LAURIER LAKE NEAR HEINSBURG

STATION NO. 05ED912

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5													5
6							566.837						6
7													7
8													8
9													9
10		566.681											10
11													11
12													12
13													13
14													14
15									566.718				15
16													16
17													17
18					566.788								18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 566.837 METRES ON JUL 6
MINIMUM OBSERVED DAILY WATER LEVEL, 566.681 METRES ON FEB 9
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: LAWRENCE LAKE near Athabasca

STATION NUMBER: 07BE905

LOCATION: 69-25-W4 - East side of Lawrence Lake, 15 miles West
and 19.5 miles North of Athabasca.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1964; 1968 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE: YES/~~NO~~

REMARKS: There is a Ducks Unlimited Control Structure on this lake.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

LAURENCE LAKE NEAR ATHABASCA

STATION NO. 07BE905

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1										644.792			1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11					644.579								11
12													12
13													13
14													14
15													15
16		644.475											16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 644.792 METRES ON OCT 5
MINIMUM OBSERVED DAILY WATER LEVEL, 644.475 METRES ON FEB 16
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: LEES LAKE near Pincher Creek

STATION NUMBER: 05AA903

LOCATION: 7-2-W5 - 3 miles Southeast of Burmis at Southeast
corner of Lees Lake.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1977 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE: YES/~~NO~~

REMARKS: There is a Ducks Unlimited Control Structure on this lake.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

LEES LAKE NEAR PINCHER CREEK

STATION NO. 05AA903

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1								28.819					1
2									28.673				2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10										28.636			10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20						28.743							20
21													21
22													22
23													23
24						28.191							24
25													25
26								28.145					26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 28.819 METRES ON AUG 1

MINIMUM OBSERVED DAILY WATER LEVEL, 28.145 METRES ON APR 26
WATER LEVELS ARE REFERRED TO ASSUMED DATUM

LAKE - STATION DESCRIPTION

STATION NAME: LESSARD LAKE near Glenevis

STATION NUMBER: 07BB904

LOCATION: 55-5-W5 - East side of Lessard Lake, 4.5 miles West
and 0.5 miles South of Glenevis.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1969 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE: YES/NO

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

LESSARD LAKE NEAR GLENEVIS

STATION NO. 07BB904

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1										739.585			1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9					739.527								9
10													10
11													11
12													12
13													13
14													14
15		739.472											15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

TOTAL
MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 739.585 METRES ON OCT 3
MINIMUM OBSERVED DAILY WATER LEVEL, 739.472 METRES ON FEB 15
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: LITTLE BEAVER LAKE near Ferintosh

STATION NUMBER: 05FC901

LOCATION: 44-21-W4 - East side of Little Beaver Lake at
Ferintosh.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1971; 1973 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/NO

REMARKS: There is a Ducks Unlimited Control Structure on this lake.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

LITTLE BEAVER LAKE NEAR FERINTOSH

STATION NO. 05FC901

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11					28.285								11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

TOTAL

TOTAL

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 28.298 METRES ON NOV 14
MINIMUM OBSERVED DAILY WATER LEVEL, 28.197 METRES ON JUL 4
WATER LEVELS ARE REFERRED TO ASSUMED DATUM

LAKE - STATION DESCRIPTION

STATION NAME: LITTLE FISH LAKE near Drumheller

STATION NUMBER: 05CG901

LOCATION: 28-16-W4 - Provincial Park at Little Fish Lake.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1973 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE: YES/NO

REMARKS: There is a Ducks Unlimited Control Structure on this lake.
An earth fill dam with natural spillway was constructed in
1966.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

LITTLE FISH LAKE NEAR DRUMHELLER

STATION NO. 05CG901

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5													5
6								988.814					6
7													7
8													8
9													9
10					988.780								10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18											988.622		18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31

TOTAL

MEAN
MAX
MIN

TOTAL
MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 988.814 METRES ON JUL 6
MINIMUM OBSERVED DAILY WATER LEVEL, 988.622 METRES ON NOV 17
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: LONG LAKE near Boyle

STATION NUMBER: 06AA909

LOCATION: 63-19-W4 - On West side of Long Lake, 10 miles South of Boyle, in Provincial Park.

GAUGE TYPE: Staff Gauge.

PERIOD OF RECORD: 1969 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/~~NO~~

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

LONG LAKE NEAR BOYLE

STATION NO. 06AA909

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1					621.106	620.841	620.771	620.856					1
2					621.121	620.838	620.771	620.862					2
3					621.115	620.832	620.768	620.865					3
4					621.094	620.832	620.768	620.868					4
5					621.063	620.823	620.774						5
6					621.036	620.820	620.765						6
7		620.695			621.003	620.814	620.762	620.899					7
8					620.984	620.814	620.759						8
9					620.972	620.810							9
10					620.789	620.807		620.987					10
11					620.786	620.942	620.810	620.768					11
12					620.786	620.929	620.810	620.768	620.996				12
13					620.786	620.926	620.814	620.774					13
14					620.786	620.929	620.820	620.774					14
15						620.948	620.823						15
16					620.789	620.963	620.810	620.777					16
17						620.972	620.801	620.777					17
18						620.957	620.798	620.774					18
19					620.792	620.945	620.792	620.780					19
20					620.792	620.935	620.789	620.786					20
21					620.789	620.917	620.786	620.789					21
22						620.905	620.780						22
23						620.896	620.777						23
24						620.887	620.777	620.801					24
25					620.792	620.874	620.774	620.798					25
26						621.170	620.774	620.841					26
27					620.798	620.859	620.771	620.850					27
28					620.801	620.853	620.771	620.850					28
29					620.862	620.847	620.768						29
30					621.027	620.844	620.768						30
31					621.036		620.774	620.856					31
TOTAL						18628.946	19244.818						TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 621.170 METRES ON JUN 26

MINIMUM OBSERVED DAILY WATER LEVEL, 620.695 METRES ON FEB 7
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: LONG LAKE near Edson

STATION NUMBER: 07AG902

LOCATION: 55-15-W5 - North side of Long Lake approximately
17 miles Northeast of Edson.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1969-70; 1972 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE: YES/NO

REMARKS: There is a Ducks Unlimited Control Structure on this lake.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

LONG LAKE NEAR EDSON

STATION NO. 07AC902

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1										26.131			1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22					26.198								22
23													23
24													24
25													25
26					26.083								26
27													27
28													28
29						25.676							29
30													30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 26.198 METRES ON MAY 23
MINIMUM OBSERVED DAILY WATER LEVEL, 25.676 METRES ON JUN 28
WATER LEVELS ARE REFERRED TO ASSUMED DATUM

LAKE - STATION DESCRIPTION

STATION NAME: LONG ISLAND LAKE near Westlock

STATION NUMBER: 07BC901

LOCATION: 63-25-W4 - The East side of Long Island Lake, about
20 miles North of Westlock.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1961; 1963; 1965 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE: YES/~~NO~~

REMARKS: There is a Ducks Unlimited Control Structure on this lake.
A concrete weir was constructed in 1955 and repaired in 1964.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

LONG ISLAND LAKE NEAR WESTLOCK

STATION NO. 07BC901

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5										697.644			5
6													6
7													7
8													8
9													9
10													10
11					697.538								11
12													12
13													13
14													14
15													15
16		697.483											16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 697.644 METRES ON OCT 5
MINIMUM OBSERVED DAILY WATER LEVEL, 697.483 METRES ON FEB 16
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: LOWER MANN LAKE near Ashmont

STATION NUMBER: 06AA910

LOCATION: 60-11-W4 - South end of Lower Mann Lake, 3.5 miles
Northeast of Ashmont.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1972 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE: YES/NO

REMARKS: Geodetic Elevation verified April 1978. There is a Ducks
Unlimited Control Structure on this lake.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

LOWER MANN LAKE NEAR ASHMONT

STATION NO. 06AA910

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5													5
6								616.034					6
7													7
8													8
9													9
10		615.912											10
11													11
12													12
13													13
14													14
15													15
16													16
17					615.961								17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31

TOTAL

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 616.034 METRES ON JUL 7

MINIMUM OBSERVED DAILY WATER LEVEL, 615.912 METRES ON FEB 10
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: LOWER THERIEN LAKE near St. Paul

STATION NUMBER: 05ED906

LOCATION: 57-9-W4 - Southeast end of Lower Therien Lake,
1 mile West and 4 miles South of St. Paul.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1969 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/NO

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

LOWER THERIEN LAKE NEAR ST. PAUL

STATION NO. 05ED906

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10		634.996						635.109					10
11					635.054								11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 635.109 METRES ON JUL 7
MINIMUM OBSERVED DAILY WATER LEVEL, 634.996 METRES ON FEB 10
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: MAJEAU LAKE near Glenevis

STATION NUMBER: 07BB905

LOCATION: 57-3-W5 - South end of Majeau Lake, 7 miles North and
4 miles East of Glenevis.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1969 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE: ~~YES~~/NO

REMARKS: There is a Ducks Unlimited Control Structure on this lake.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

MAJEAU LAKE NEAR GLENEVIS

STATION NO. 07DB905

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1										676.888			1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9					676.851								9
10													10
11													11
12													12
13													13
14													14
15		676.836											15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

TOTAL
MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 676.888 METRES ON OCT 3
MINIMUM OBSERVED DAILY WATER LEVEL, 676.836 METRES ON FEB 15
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: MANATOKAN LAKE near Iron River

STATION NUMBER: 06AC908

LOCATION: 63-7-W4 - East side of Manatokan Lake, 2 miles North
and 1 mile west of Iron River.

GAUGE TYPE: Staff Gauge.

PERIOD OF RECORD: 1973 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/~~NO~~

REMARKS: There is a Ducks Unlimited Control Structure on this lake.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

MANATOKAN LAKE NEAR IRON RIVER

STATION NO. 05AC903

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						555.629		555.282					1
2						555.653		555.656					2
3						555.717		555.647	555.278	555.224			3
4						555.766							4
5							555.602						5
6													6
7						555.824		555.574	555.260	555.221			7
8		555.467				555.852							8
9							555.538						9
10					555.565	555.852			555.242	555.248			10
11						555.845	555.510						11
12							555.492						12
13					555.541			555.242		555.248			13
14					555.531	555.824							14
15					555.519	555.812	555.455	555.239					15
16													16
17					555.516	555.794							17
18					555.516	555.784							18
19						555.748	555.413	555.236					19
20								555.239					20
21					555.489		555.397						21
22					555.486								22
23						555.730	555.394	555.227					23
24					555.467								24
25						555.711							25
26					555.480		555.346						26
27					555.474	555.675		555.227					27
28					555.547		555.315	555.230					28
29					555.553								29
30						555.650	555.315	555.227					30
31					555.586								31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 555.852 METRES ON JUN 8

MINIMUM OBSERVED DAILY WATER LEVEL, 555.221 METRES ON SEP 6

WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: MANAWAN LAKE near Legal

STATION NUMBER: 05EA911

LOCATION: 57-25-W4 - East side of Manawan Lake, 3 miles West
and 3 miles South of Legal.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1957-62; 1964 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE: ~~YES~~/NO

REMARKS: There is a Ducks Unlimited Control Structure on this lake.
A concrete weir with flashboards was constructed in 1949.
(F.S.L. = 698.91 metres.)

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

MANAWAN LAKE NEAR LEGAL

STATION NO. 05EA911

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1										698.794			1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11					698.891								11
12													12
13													13
14													14
15													15
16		698.778											16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

TOTAL
MEAN
MAX
MIN
SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 698.891 METRES ON MAY 12
MINIMUM OBSERVED DAILY WATER LEVEL, 698.778 METRES ON FEB 17
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: MARIE LAKE near Cold Lake

STATION NUMBER: 06AC909

LOCATION: 65-2-W4 - On the East side of Marie Lake, 5.5 miles West
and 11 miles North of Cold Lake.

GAUGE TYPE: Staff Gauge.

PERIOD OF RECORD: 1968 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/NO

REMARKS: Water Survey of Canada station installed 1980.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

MARIE LAKE NEAR COLD LAKE

STATION NO. 06AC909

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5													5
6							573.908						6
7													7
8		573.850											8
9					573.850								9
10													10
11													11
12													12
13													13
14													14
15									573.734				15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 573.908 METRES ON JUL 6
MINIMUM OBSERVED DAILY WATER LEVEL, 573.734 METRES ON SEP 13
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: MARTIN LAKE near Hythe

STATION NUMBER: 07GE912

LOCATION: 74-11-W6 - 7 miles North of Hythe.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1972; 1975 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/NO

REMARKS: There is a Ducks Unlimited Control Structure on this lake.
A steel sheet pile weir with stop log bay was constructed
in 1975.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

MARTIN LAKE NEAR HYTHE

STATION NO. 07GE912

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5													5
6		814.605											6
7													7
8													8
9											814.419		9
10													10
11							814.541						11
12													12
13													13
14													14
15													15
16													16
17													17
18					814.682								18
19													19
20													20
21													21
22													22
23													23
24													24
25								814.486					25
26									814.508				26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 814.682 METRES ON MAY 18

MINIMUM OBSERVED DAILY WATER LEVEL, 814.419 METRES ON NOV 10
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: MATCHAYAW LAKE near Onoway

STATION NUMBER: 05EA906

LOCATION: 55-1-W5 - North end of Matchayaw Lake, 4.0 miles West
and 13 miles North of Stony Plain.

GAUGE TYPE: Tape and weight from a Measuring Point.

PERIOD OF RECORD: 1969 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/~~NO~~

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

MATCHAYAW LAKE NEAR ONOWAY

STATION NO. 05EA906

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						678.930					678.854		1
2													2
3						678.991							3
4													4
5													5
6													6
7					678.875								7
8						678.930							8
9						678.948							9
10					678.793								10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 679.186 METRES ON SEP 28
MINIMUM OBSERVED DAILY WATER LEVEL, 678.777 METRES ON APR 24
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: MEDICINE LAKE near Rimbey

STATION NUMBER: 05CC904

LOCATION: 43-6-W5 - East side of Medicine Lake, 11 miles North
and 22.5 miles West of Rimbey.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1969 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/NO

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

MEDICINE LAKE NEAR RIMBEY

STATION NO. 05CC904

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10					981.236								10
11													11
12													12
13													13
14													14
15											981.319		15
16													16
17													17
18										981.288			18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL							981.121						TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 981.319 METRES ON NOV 15

MINIMUM OBSERVED DAILY WATER LEVEL, 981.121 METRES ON JUL 27
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: MERE LAKE near Stony Plain

STATION NUMBER: 05EA912

LOCATION: 53-1-W5 - 6 miles North and 1 mile West of Stony Plain.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1968 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/~~NO~~

REMARKS: Geodetic Elevation verified April 1978.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

MERE LAKE NEAR STONY PLAIN

STATION NO. 05EA912

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1										733.044			1
2													2
3													3
4													4
5													5
6													6
7													7
8					733.093								8
9													9
10													10
11													11
12													12
13													13
14													14
15		733.041											15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 733.093 METRES ON MAY 8

MINIMUM OBSERVED DAILY WATER LEVEL, 733.041 METRES ON FEB 14
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: MILLERS LAKE near Marlboro

STATION NUMBER: 07AF902

LOCATION: 53-19-W5 - North side of Millers Lake, 2 miles
Northwest of Marlboro.

GAUGE TYPE: Staff Gauge.

PERIOD OF RECORD: 1969 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE: YES/NO

REMARKS: There is a Ducks Unlimited Control Structure on this lake.
An earth fill dam with drop inlet was constructed in 1949
and repaired in 1971.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

MILLERS LAKE NEAR MARLBORO

STATION NO. 07AF902

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1										970.712			1
2													2
3													3
4													4
5						970.648	970.669		970.681				5
6													6
7								970.693		970.693			7
8													8
9													9
10							970.623						10
11													11
12						970.642			970.718	970.690			12
13													13
14													14
15								970.666					15
16					970.669								16
17							970.901		970.709				17
18						970.684							18
19								970.663					19
20													20
21													21
22													22
23													23
24	970.575				970.663	970.678	970.693		970.727				24
25													25
26													26
27						970.672							27
28								970.666					28
29													29
30													30
31							970.736						31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 970.901 METRES ON JUL 17
MINIMUM OBSERVED DAILY WATER LEVEL, 970.575 METRES ON JAN 24
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: MINK LAKE near Carvel Corner

STATION NUMBER: 05DE904

LOCATION: 52-2-W5 - 4 miles South of the junction of Hwy. 16
West and 43 North.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1968 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/~~NO~~

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

MINK LAKE NEAR CARVEL CORNER

STATION NO. 05DE904

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1										736.418			1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
		736.360											
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

TOTAL
MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 736.418 METRES ON OCT 2
MINIMUM OBSERVED DAILY WATER LEVEL, 736.360 METRES ON FEB 14
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: MINNOW LAKE near Edson

STATION NUMBER: 07AG903

LOCATION: 50-14-W5 - West side of Minnow Lake, 14 miles East and
17 miles South of Edson.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1969 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

~~YES~~/NO

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

MINNOW LAKE NEAR EDSON

STATION NO. 07AG903

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5													5
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20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

991.240

991.142

TOTAL
MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 991.240 METRES ON MAY 23

MINIMUM OBSERVED DAILY WATER LEVEL, 991.142 METRES ON JAN 26
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: MIRAGE LAKE at Moonshine Provincial Park

STATION NUMBER: 07FD905

LOCATION: 79-8-W6 - 16 miles Northeast from Spirit River on
Hwy. #49 at Provincial Park Campground.

GAUGE TYPE: Staff Gauge.

PERIOD OF RECORD: 1978 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

~~YES~~/NO

REMARKS: There is a Ducks Unlimited Control Structure on this lake.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

MIRAGE LAKE AT MOONSHINE PROVINCIAL PARK

STATION NO. 07FD905

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1							718.084	717.990					1
2							718.081	717.990	717.938				2
3							718.078	717.990	717.941				3
4							718.075	717.984					4
5								717.984		717.953			5
6							718.057	717.978					6
7							718.057	717.965	717.962				7
8							718.054	717.962					8
9							718.051	717.956					9
10						718.231	718.051	717.953	717.962				10
11						718.225	718.051	717.947					11
12						718.225	718.051	717.947	717.959				12
13						718.237	718.048	717.944	717.959				13
14						718.222	718.045	717.944	717.959	717.953			14
15						718.222	718.045	717.947					15
16						718.206	718.026	717.953					16
17						718.203	718.014	717.953	717.962				17
18						718.173	718.014	717.953	717.962				18
19						718.161	718.020	717.950	717.962				19
20							718.020	717.959					20
21						718.136	718.020		717.962				21
22						718.124	718.014						22
23						718.112	718.020	717.950					23
24						718.100	718.014	717.950					24
25						718.093	718.014	717.950	717.956				25
26						718.087	718.008	717.950	717.953				26
27						718.084	718.011	717.947	717.953	717.917			27
28						718.078	718.011	717.941	717.950				28
29						718.081	718.005	717.935					29
30						718.090		717.935					30
31								717.938					31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 718.237 METRES ON JUN 13

MINIMUM OBSERVED DAILY WATER LEVEL, 717.917 METRES ON OCT 27
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: MISSAWAWI LAKE near Venice

STATION NUMBER: 06AA912

LOCATION: 66-15-W4 - At government campsite, 0.75 miles North-east of Venice.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1968 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

~~YES~~/NO

REMARKS: There is a Ducks Unlimited Control Structure on this lake.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

MISSAWAMI LAKE NEAR VENICE

STATION NO. 06AA912

DAILY WATER LEVEL IN METRES FOR 1978

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

568.598

568.659

568.681

568.617

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 568.681 METRES ON JUL 5
MINIMUM OBSERVED DAILY WATER LEVEL, 568.598 METRES ON FEB 7
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: MITSUE LAKE near Slave Lake

STATION NUMBER: 07BK901

LOCATION: 72-4-W5 - At Lands and Forests float plane base on
North side of Mitsue Lake.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1970 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/~~NO~~

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

MITSUE LAKE NEAR SLAVE LAKE

STATION NO. 07BK901

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1										577.492			1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11					577.383								11
12													12
13													13
14													14
15													15
16		577.252											16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 577.492 METRES ON OCT 3

MINIMUM OBSERVED DAILY WATER LEVEL, 577.252 METRES ON FEB 16
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: MOORE LAKE near Fort Kent

STATION NUMBER: 06AC910

LOCATION: 64-4-W4 - South side of Moore Lake, 13 miles North
and 2 miles East of Fort Kent.

GAUGE TYPE: Staff Gauge.

PERIOD OF RECORD: 1969 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/NO

REMARKS: Water Survey of Canada station installed 1980. There is a Ducks Unlimited Control Structure on this lake. A weir was constructed in 1952.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

MOORE LAKE NEAR FORT KENT

STATION NO. 06AC910

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						549.792	549.759	549.652	549.631	549.628	549.567		1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 549.792 METRES ON MAY 31

MINIMUM OBSERVED DAILY WATER LEVEL, 549.567 METRES ON OCT 31

WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: MOOSE LAKE near Bonnyville

STATION NUMBER: 06AC911

LOCATION: 61-6-W4 - At Provincial Park.

GAUGE TYPE: Staff Gauge.

PERIOD OF RECORD: 1950; 1956 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE: YES/NO

REMARKS: Geodetic Elevation verified April 1978. There is a Ducks Unlimited Control Structure on this lake. A rock filled timber crib weir was constructed in 1949.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

MOOSE LAKE NEAR BONNYVILLE

STATION NO. 06AC911

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						533.177	533.150	533.089					1
2						533.196	533.147	533.083					2
3						533.196	533.147	533.083					3
4						533.196	533.144	533.071					4
5						533.196	533.141	533.071					5
6						533.196	533.141	533.071					6
7						533.196	533.138	533.065					7
8		532.885				533.196	533.138	533.065					8
9						533.187	533.135	533.059					9
10						533.187	533.135	533.052					10
11					533.150	533.187	533.135	533.040					11
12					533.165	533.184	533.132						12
13					533.165	533.184	533.132						13
14					533.165	533.184	533.132		533.034				14
15					533.150	533.184	533.132						15
16					533.150	533.187	533.132						16
17					533.150	533.187	533.132						17
18					533.162	533.174	533.126						18
19					533.165	533.174	533.126						19
20					533.165	533.171	533.126						20
21					533.165	533.171	533.120						21
22					533.150	533.171	533.120						22
23					533.150	533.168	533.113						23
24					533.150	533.165	533.113						24
25					533.165	533.162	533.101						25
26					533.165	533.156	533.101						26
27					533.165	533.153	533.101						27
28					533.177	533.150	533.095						28
29					533.177	533.150	533.095						29
30					533.177	533.150	533.089						30
31					533.177	533.150	533.089						31
TOTAL							16526.889						TOTAL

MEAN 533.125
MAX 533.150
MIN 533.089

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 533.196 METRES ON JUN 2

MINIMUM OBSERVED DAILY WATER LEVEL, 532.885 METRES ON FEB 8
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: MUIR LAKE near Spruce Grove

STATION NUMBER: 05EA913

LOCATION: 54-27-W4 - North side of Muir Lake, 2.2 miles West
and 5.8 miles North of Spruce Grove.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1968 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/~~NO~~

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

MUIR LAKE NEAR SPRUCE GROVE

STATION NO. 05EA913

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1										730.514			1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9					730.572								9
10													10
11													11
12													12
13													13
14													14
15		730.532											15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 730.572 METRES ON MAY 9
MINIMUM OBSERVED DAILY WATER LEVEL, 730.514 METRES ON OCT 2
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: MURIEL LAKE near Bonnyville

STATION NUMBER: 06AC912

LOCATION: 60-5-W4 - West side of Muriel Lake, 8 miles South of Bonnyville.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1967 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/~~NO~~

REMARKS: Geodetic Elevation verified May 1978.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

MURIEL LAKE NEAR BONNYVILLE

STATION NO. 06AC912

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
					559.847								
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 559.927 METRES ON JUL 7
MINIMUM OBSERVED DAILY WATER LEVEL, 559.847 METRES ON FEB 9
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: NAKAMUN LAKE near Onoway

STATION NUMBER: 07BB906

LOCATION: 56-2-W5 - South side of Nakumun Lake, 13 miles North
and 1.5 miles West of Onoway.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1968 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/~~NO~~

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

NAKAMUN LAKE NEAR ONOWAY

STATION NO. 07BB906

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1										682.670			1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9					682.554								9
10													10
11													11
12													12
13													13
14													14
15		682.389											15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 682.670 METRES ON OCT 3

MINIMUM OBSERVED DAILY WATER LEVEL, 682.389 METRES ON FEB 15
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: NORTH BUCK LAKE near Caslan

STATION NUMBER: 06AA913

LOCATION: 65-17-W4 - East side of North Buck Lake, 2.5 miles
North and 0.5 miles West of Caslan.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1968 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/~~NO~~

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

NORTH BUCK LAKE NEAR CASLAN

STATION NO. 06AA913

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7					609.070								7
8													8
9													9
10					609.109								10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 609.213 METRES ON SEP 12

MINIMUM OBSERVED DAILY WATER LEVEL, 609.070 METRES ON FEB 7
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: OBED LAKE near Hinton

STATION NUMBER: 07AD903

LOCATION: 53-22-W5 - South side of Obed Lake, 2.8 miles
Southeast and 0.3 miles North of Obed.

GAUGE TYPE: Staff Gauge.

PERIOD OF RECORD: 1966 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/NO

REMARKS:

STATION NO. 07AD903

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1										1055.181			1
2													2
3													3
4													4
5						1055.154	1055.224		1055.144				5
6								1055.208					6
7										1055.150			7
8													8
9													9
10						1055.269							10
11						1055.196			1055.169	1055.147			11
12													12
13													13
14								1055.184					14
15													15
16					1055.166								16
17							1055.221		1055.187				17
18						1055.297							18
19								1055.163					19
20													20
21													21
22													22
23													23
24	1055.016						1055.254		1055.181				24
25					1055.138								25
26						1055.275							26
27								1055.132					27
28													28
29													29
30													30
31								1055.178					31

TOTAL	
MEAN	
MAX	
MIN	

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 1055.297 METRES ON JUN 18
MINIMUM OBSERVED DAILY WATER LEVEL, 1055.016 METRES ON JAN 24
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: OLDMAN LAKE near Glenevis

STATION NUMBER: 07BB907

LOCATION: 56-4-W5 - 7 miles North and approximately 1 mile West
of Glenevis.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1969-72; 1974 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE: ~~YES~~/NO

REMARKS: There is a Ducks Unlimited Control Structure on this lake.
A steel sheet pile weir was constructed in 1978. (F.S.L. =
692.72 metres.)

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

OLDMAN LAKE NEAR GLENEVIS

STATION NO. 07BB907

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1										692.932			1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9					692.755								9
10													10
11													11
12													12
13													13
14													14
15		692.704											15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 692.932 METRES ON OCT 3
MINIMUM OBSERVED DAILY WATER LEVEL, 692.704 METRES ON FEB 15
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: OLIVER LAKE near New Sarepta

STATION NUMBER: 05EB908

LOCATION: 50-21-W4 - 2.5 miles North and 5 miles East of New
Sarepta.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1971 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/~~NO~~

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

OLIVER LAKE NEAR NEW SAREPTA

STATION NO. 05EB908

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5													5
6						757.007							6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16								756.791					16
17													17
18													18
19													19
20									757.001				20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 757.007 METRES ON JUN 6
MINIMUM OBSERVED DAILY WATER LEVEL, 756.791 METRES ON AUG 16
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: OUTPOST LAKE at Police Outpost Park

STATION NUMBER: 05AE902

LOCATION: 1-26-W4 - 7 miles South of Beazer.

GAUGE TYPE: Staff Gauge.

PERIOD OF RECORD: 1976 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/~~NO~~

REMARKS: There is a Parks and Recreation Control Structure on the outlet of this lake.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

OUTPOST LAKE AT POLICE OUTPOST PARK

STATION NO. 05AE902

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1					1379.055		1379.071		1379.153	1379.147	1379.101		1
2					1379.055				1379.147				2
3					1379.061	1379.162							3
4					1379.074		1379.086	1379.192		1379.135	1379.098		4
5					1379.089								5
6					1379.095	1379.192		1379.183		1379.147	1379.125	1379.098	6
7					1379.101		1379.177		1379.147	1379.125			7
8					1379.101			1379.177					8
9					1379.098		1379.589						9
10					1379.095	1379.101			1379.150	1379.116			10
11					1379.092		1379.171	1379.159					11
12					1379.092					1379.104			12
13						1379.101		1379.147					13
14							1379.314		1379.131	1379.177	1379.101		14
15													15
16					1379.007		1379.147	1379.171		1379.101			16
17					1379.010								17
18					1379.013		1379.205		1379.165				18
19					1379.013			1379.162		1379.098			19
20					1379.028								20
21						1379.077	1379.208	1379.183	1379.156	1379.095			21
22					1379.031								22
23						1379.083	1379.208						23
24					1379.037			1379.183					24
25							1379.208						25
26					1379.037	1379.086			1379.150	1379.095			26
27					1379.040		1379.192	1379.162					27
28													28
29					1379.043				1379.098				29
30					1379.049	1379.074	1379.183		1379.147				30
31										1379.101			31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 1379.589 METRES ON JUL 9

MINIMUM OBSERVED DAILY WATER LEVEL, 1379.007 METRES ON APR 16
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: PAKOWKI LAKE near Medicine Hat

STATION NUMBER: 05AF902

LOCATION: 5-9-W4 - 6.5 miles South of Etzikom.

GAUGE TYPE: Staff Gauge.

PERIOD OF RECORD: 1977 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/NO

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

PAKOWKI LAKE NEAR MEDICINE HAT

STATION NO. 05AF902

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1					28.465				28.343	28.520			1
2													2
3													3
4													4
5													5
6													6
7													7
8								28.285					8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20						28.215							20
21													21
22													22
23													23
24													24
25					28.417								25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 28.520 METRES ON OCT 4

MINIMUM OBSERVED DAILY WATER LEVEL, 28.215 METRES ON JUN 20
WATER LEVELS ARE REFERRED TO ASSUMED DATUM

LAKE - STATION DESCRIPTION

STATION NAME: PARK LAKE at Provincial Park

STATION NUMBER: 05AD902

LOCATION: 10-22-W4 - 11 miles Northwest of Lethbridge at
Park Lake Provincial Park.

GAUGE TYPE: Staff Gauge.

PERIOD OF RECORD: 1973 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/~~NO~~

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

PARK LAKE AT PROVINCIAL PARK

STATION NO. 05AD902

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1					940.735	940.704	940.704	941.070	940.887	940.521			1
2					940.704	940.704	940.704	941.070	940.857	940.537			2
3					940.689	940.704	940.613	941.070	940.978	940.552			3
4					940.704	940.704	940.552	941.070	940.963	940.552			4
5					940.704	940.704	940.537	941.009	940.948	940.582			5
6					940.704	940.704	940.552	940.963	940.918	940.582			6
7					940.704	940.735	940.552	940.918	940.918				7
8				940.872	940.674	940.765	940.552	940.887	940.933				8
9				940.826	940.704	940.796	940.567	940.918	940.902				9
10				940.796	940.689	940.826	940.597	940.872	940.872	940.796			10
11				940.765	940.689	940.841	940.613	940.826	940.857	940.841			11
12				940.735	940.689	940.841	940.582	940.780	940.841	940.872			12
13				940.750	940.674	940.826	940.582	940.719	940.811	940.857			13
14					940.674	940.796	940.567	940.719	940.796				14
15				940.765	940.674	940.765	940.521	940.719	940.765				15
16				940.765	940.689	940.765	940.460	940.811	940.765	940.933			16
17				940.765	940.689	940.765	940.521	940.918	940.735	940.918			17
18				940.765	940.689	940.704	940.674	940.978	940.735	940.902			18
19					940.674	940.704	940.826	940.719	940.719	940.857			19
20					940.674	940.704	940.796	940.963	940.674	940.826			20
21					940.674	940.704	940.796	940.948	940.674				21
22				940.735	940.674	940.796	940.735	940.978	940.628				22
23				940.735	940.643	940.841	940.735	941.039		940.796			23
24					940.689	940.887	940.704	941.039		940.765			24
25					940.704	940.918	940.704	941.039	940.613	940.719			25
26					940.704	940.948	940.735	940.594	940.582	940.643			26
27					940.674	940.948	940.841	940.978	940.582	940.597			27
28				940.704	940.689	940.902	940.841	940.963	940.567				28
29					940.689	940.826	940.872	940.948		940.338			29
30					940.704	940.750	940.918	940.918	940.552	940.216			30
31													31
TOTAL						28223.577							TOTAL

MEAN 940.786
MAX 940.948
MIN 940.704

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 941.070 METRES ON AUG 1
MINIMUM OBSERVED DAILY WATER LEVEL, 940.216 METRES ON OCT 30
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: PEANUT LAKE near Barrhead

STATION NUMBER: 07BB908

LOCATION: 58-3-W5 - North side of Peanut Lake, 7 miles South
and 2 miles East of Barrhead.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1969 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/~~NO~~

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

PEANUT LAKE NEAR BARRHEAD

STATION NO. 07BB908

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1										642.384			1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9					642.396								9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

642.271

642.396

642.384

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 642.396 METRES ON MAY 9
MINIMUM OBSERVED DAILY WATER LEVEL, 642.271 METRES ON FEB 16
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: PEGASUS LAKE near Whitecourt

STATION NUMBER: 07AH904

LOCATION: 61-11-W5 - West side of Pegasus Lake, 12 miles North
and 2 miles East of Whitecourt.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1971 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE: YES/NO

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

PEGASUS LAKE NEAR WHITECOURT

STATION NO. 07AH904

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1										30.157			1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10					29.435								10
11													11
12													12
13													13
14													14
15		29.514											15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 30.157 METRES ON OCT 4
MINIMUM OBSERVED DAILY WATER LEVEL, 29.435 METRES ON MAY 10
WATER LEVELS ARE REFERRED TO ASSUMED DATUM

LAKE - STATION DESCRIPTION

STATION NAME: PIERRE GREY LAKE (LOWER) near Muskeg

STATION NUMBER: 07GA902

LOCATION: 57-5-W6 - East side of Lower Pierre Grey Lake, 4.1
miles Southeast of Muskeg.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1970 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/~~NO~~

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

PIERRE GREY LAKE (LOWER) NEAR MUSKEG

STATION NO. 07GA902

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
			1252.880										
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

1252.963

1252.981

1252.990

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 1252.990 METRES ON JUN 27

MINIMUM OBSERVED DAILY WATER LEVEL, 1252.880 METRES ON MAR 15
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: PIERRE GREY LAKE (MIDDLE) near Muskeg

STATION NUMBER: 07GA903

LOCATION: 57-4-W6 - South side of Middle Pierre Grey Lake, 2.5
miles Southeast and .5 miles East of Muskeg.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1972 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/NO

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

PIERRE GREY LAKE (MIDDLE) NEAR MUSKEG

STATION NO. 07GA903

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
			1259.412										
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

1259.482

1259.461

1259.412

1259.467

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 1259.482 METRES ON JUN 27

MINIMUM OBSERVED DAILY WATER LEVEL, 1259.412 METRES ON MAR 15
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: PIERRE GREY LAKE (UPPER) near Muskeg

STATION NUMBER: 07GA904

LOCATION: 57-4-W6 - South side of Upper Pierre Grey Lake, 4
miles Southeast of Muskeg.

GAUGE TYPE None. Level established by surveying.

PERIOD OF RECORD: 1971 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/NO

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

PIERRE GREY LAKE (UPPER) NEAR MUSKEG

STATION NO. 07GA904

DAILY WATER LEVEL IN METRES FOR 1978

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

1263.292

1263.390

1263.399

1263.445

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 1263.445 METRES ON JUN 27
MINIMUM OBSERVED DAILY WATER LEVEL, 1263.292 METRES ON MAR 15
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: PIGEON LAKE at Provincial Park

STATION NUMBER: 05FA908

LOCATION: Provincial Park Dock on the West side of the lake.

GAUGE TYPE: Staff Gauge.

PERIOD OF RECORD: 1974 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE: YES/~~NO~~

REMARKS:

1. Alberta Environment operated "Pigeon Lake at Ma-Me-O Beach" 1969-72. There are also on file unverified data for the period 1929-69. Water levels at this site are slightly lower than levels at the Water Survey of Canada gauge due to the Outlet effect.
2. Water Survey of Canada operated 05FA009 and 05FA013, 1924-31 and 1972 to date.
3. Geodetic Elevations confirmed 1980.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

PIGEON LAKE AT PROVINCIAL PARK

STATION NO. 05FA908

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2							850.130						2
3													3
4													4
5						850.130							5
6													6
7								850.099					7
8													8
9													9
10													10
11													11
12						850.130							12
13													13
14													14
15													15
16					850.099								16
17							850.145						17
18						850.169		850.130					18
19													19
20													20
21								850.115					21
22													22
23					850.099								23
24							850.145						24
25													25
26						850.145							26
27													27
28													28
29					850.115								29
30								850.115					30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 850.169 METRES ON JUN 19
MINIMUM OBSERVED DAILY WATER LEVEL, 850.099 METRES ON MAY 15
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: PINE LAKE near Pine Lake

STATION NUMBER: 05CE902

LOCATION: 36-25-W4 - North side of Pine Lake, 14.5 miles East and
8 miles South of Red Deer.

GAUGE TYPE: Staff Gauge.

PERIOD OF RECORD: 1965 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/NO

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

PINE LAKE NEAR PINE LAKE

STATION NO. 05CE902

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2							889.345	889.230					2
3						889.251							3
4						889.251	889.333	889.223					4
5													5
6							889.312						6
7													7
8													8
9					889.281			889.208					9
10					889.303								10
11						889.315	889.297						11
12						889.318		889.199					12
13						889.321							13
14											889.379		14
15						889.333	889.284	889.193					15
16													16
17						889.361							17
18					889.275		889.275						18
19													19
20													20
21													21
22					889.226		889.275						22
23													23
24						889.358							24
25					889.236								25
26													26
27					889.223		889.257						27
28					889.208		889.254						28
29					889.199								29
30													30
31					889.275		889.239						31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 889.379 METRES ON NOV 14
MINIMUM OBSERVED DAILY WATER LEVEL, 889.193 METRES ON AUG 15
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: PINEHURST LAKE near Lac La Biche

STATION NUMBER: 06AB901

LOCATION: 66-10-W4 - South side of Pinehurst Lake, 20 miles East
and 8.5 miles South of Lac La Biche.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1968 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE: YES/NO

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

PINEHURST LAKE NEAR LAC LA BICHE

STATION NO. 06AB901

DAILY WATER LEVEL IN METRES FOR 1978

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

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 28.919 METRES ON JUL 5

MINIMUM OBSERVED DAILY WATER LEVEL, 28.587 METRES ON FEB 8
WATER LEVELS ARE REFERRED TO ASSUMED DATUM

LAKE - STATION DESCRIPTION

STATION NAME: RED DEER LAKE near Ferintosh

STATION NUMBER: 05FA909

LOCATION: 44-12-W4 - 6 miles East of Ferintosh.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1965 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE: YES/~~NO~~

REMARKS: Geodetic Elevation verified April 1978. There is a Ducks Unlimited Control Structure on this lake.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

RED DEER LAKE NEAR FERINTOSH

STATION NO. 05FA909

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11					771.034								11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 771.034 METRES ON MAY 11

MINIMUM OBSERVED DAILY WATER LEVEL, 770.982 METRES ON NOV 14

WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: ROCK LAKE near Hinton

STATION NUMBER: 07AC905

LOCATION: 52-2-W6 - Approximately 20 miles Southwest of
Hwy. #40 on Northeast side of lake.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1968; 1971 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/NO

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

ROCK LAKE NEAR HINTON

STATION NO. 07AC905

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16					28.724								16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL

29.032

28.782

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 29.032 METRES ON JUN 27

MINIMUM OBSERVED DAILY WATER LEVEL, 28.724 METRES ON MAY 17
WATER LEVELS ARE REFERRED TO ASSUMED DATUM

LAKE - STATION DESCRIPTION

STATION NAME: SAMSON LAKE near Hobbema

STATION NUMBER: 05FA910

LOCATION: 43-23-W4 - 8 miles Southeast of Hobbema.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1974 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/~~NO~~

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

SAMSON LAKE NEAR HOBBEWA
DAILY WATER LEVEL IN METRES FOR 1978

STATION NO. 05FA910

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8			771.805										8
9													9
10													10
11													11
12													12
13													13
14													14
15								771.845					15
16													16
17													17
18													18
19													19
20										771.973			20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL

771.924

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 771.973 METRES ON OCT 19

MINIMUM OBSERVED DAILY WATER LEVEL, 771.805 METRES ON MAR 8
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: SANDY LAKE near Morinville

STATION NUMBER: 05EA914

LOCATION: 55-1-W5 - East side of Sandy Lake, 17 miles West of
Morinville.

GAUGE TYPE: Staff Gauge.

PERIOD OF RECORD: 1959; 1961; 1963 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE: YES/~~NO~~

REMARKS: Geodetic Elevation verified June 1976. There is a Ducks
Unlimited Control Structure on this lake.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

SANDY LAKE NEAR MORINVILLE
DAILY WATER LEVEL IN METRES FOR 1978

STATION NO. 05EA914

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1											697.416		1
2													2
3													3
4													4
5													5
6				697.510		697.486			697.395				6
7													7
8					697.538								8
9													9
10							697.443						10
11				697.504									11
12													12
13													13
14													14
15													15
16		697.477											16
17													17
18				697.535									18
19													19
20													20
21						697.465							21
22													22
23				697.526	697.495								23
24													24
25								697.388					25
26													26
27													27
28				697.520		697.446			697.465				28
29													29
30													30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 697.538 METRES ON MAY 9
MINIMUM OBSERVED DAILY WATER LEVEL, 697.388 METRES ON AUG 25
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: SANDY LAKE near Two Hills

STATION NUMBER: 05ED905

LOCATION: 56-13-W4 - 11 miles North and 5 miles West of Two Hills.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1969 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE: ~~YES~~/NO

REMARKS: There is a Ducks Unlimited Control Structure on this lake.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

SANDY LAKE NEAR TWO HILLS

STATION NO. 05ED905

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16										628.915			16
17													17
18													18
19													19
20													20
21													21
22		628.875											22
23													23
24					628.918								24
25							628.882						25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 628.918 METRES ON MAY 24
MINIMUM OBSERVED DAILY WATER LEVEL, 628.875 METRES ON FEB 22
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: SANG (SURPRISE) LAKE near Edson

STATION NUMBER: 07AG905

LOCATION: 53-15-W5 - East side of Surprise Lake, 12 miles East
and 0.8 miles South of Edson.

GAUGE TYPE: Staff Gauge.

PERIOD OF RECORD: 1968 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/~~NO~~

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

SANG (SURPRISE) LAKE NEAR EDSON

STATION NO. 07AG905

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1										903.583			1
2													2
3													3
4													4
5						903.644	903.619		903.528				5
6													6
7								903.564		903.573			7
8													8
9													9
10							903.662						10
11						903.631			903.558				11
12										903.573			12
13													13
14								903.534					14
15													15
16													16
17						903.683	903.461		903.631				17
18													18
19							903.543						19
20													20
21													21
22					903.613								22
23													23
24					903.622	903.653	903.567		903.592				24
25													25
26						903.555							26
27													27
28													28
29						903.659		903.534					29
30													30
31							903.616						31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 903.683 METRES ON JUN 18
MINIMUM OBSERVED DAILY WATER LEVEL, 903.461 METRES ON JUL 17
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: SASKATOON LAKE near Grande Prairie

STATION NUMBER: 07GE913

LOCATION: 72-8-W6 - South side of Saskatoon Lake at Provincial
Park, 11 miles West and 2 miles North of
Grande Prairie.

GAUGE TYPE: Staff Gauge.

PERIOD OF RECORD: 1957-59; 1965 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

~~YES~~/NO

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

SASKATOON LAKE NEAR GRANDE PRAIRIE

STATION NO. 07GE913

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1							711.671	711.583	711.537	711.540			1
2							711.665	711.577	711.531				2
3							711.641		711.537	711.543			3
4									711.546				4
5													5
6		711.656					711.644	711.546	711.552	711.540			6
7							711.647	711.546	711.552	711.537			7
8							711.644	711.537	711.549				8
9							711.702			711.537			9
10							711.708	711.546					10
11							711.708		711.549				11
12							711.705		711.546	711.531			12
13							711.702		711.546	711.525			13
14									711.546	711.525			14
15										711.522	711.470		15
16							711.699						16
17							711.696						17
18							711.623	711.549		711.522			18
19					711.751		711.617		711.556	711.519			19
20						711.690	711.617	711.540	711.556	711.519			20
21													21
22							711.613	711.556	711.552	711.516			22
23							711.613	711.540	711.546	711.516			23
24							711.687	711.540	711.549				24
25							711.690	711.546	711.543				25
26							711.598						26
27							711.687	711.546	711.543	711.507			27
28							711.662	711.540	711.540	711.510			28
29							711.601	711.543	711.543				29
30							711.677	711.546	711.540	711.510			30
31							711.595	711.537					31
TOTAL							711.598	711.537		711.504			

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 711.751 METRES ON MAY 19

MINIMUM OBSERVED DAILY WATER LEVEL, 711.470 METRES ON NOV 14
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: SCHUMAN LAKE near Fort Assiniboine

STATION NUMBER: 07AH905

LOCATION: 61-8-W5 - South side of lake.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1969 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

~~YES~~/NO

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

SCHUMAN LAKE NEAR FORT ASSINIBOINE

STATION NO. 07AH9C5

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1										737.759			1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10					737.744								10
11													11
12													12
13													13
14													14
15		737.677											15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

TOTAL

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 737.759 METRES ON OCT 4

MINIMUM OBSERVED DAILY WATER LEVEL, 737.677 METRES ON FEB 15
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: SHANKS LAKE near Cardston

STATION NUMBER: 11AA901

LOCATION: 1-21-W4 - 2 miles North and 4 miles East of Del Bonita.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1977 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE: YES/~~NO~~

REMARKS: There is a Ducks Unlimited Control Structure on this lake.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

SHANKS LAKE NEAR CARDSTON

STATION NO. 11AA901

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1					1277.209								1
2													2
3													3
4													4
5										1277.142			5
6													6
7													7
8													8
9								1277.002					9
10													10
11													11
12						1277.084			1277.094				12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31						1277.054							31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 1277.209 METRES ON MAY 1
MINIMUM OBSERVED DAILY WATER LEVEL, 1277.002 METRES ON AUG 9
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: SHININGBANK LAKE near Peers

STATION NUMBER: 07AG904

LOCATION: 56-14-W5 - Approximately 18 miles North of Peers.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1968; 1971 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/NO

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

SHININGBANK LAKE NEAR PEERS

STATION NO. 07AG904

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10										30.145			10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

29.663

29.764

29.691

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 30.145 METRES ON OCT 10

MINIMUM OBSERVED DAILY WATER LEVEL, 29.663 METRES ON JAN 26
WATER LEVELS ARE REFERRED TO ASSUMED DATUM

LAKE - STATION DESCRIPTION

STATION NAME: SINCLAIR LAKE near Hythe

STATION NUMBER: 07GD902

LOCATION: 74-12-W6 - 7 miles Northwest of Hythe.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1972; 1975 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE: ~~YES~~/NO

REMARKS: There is a Ducks Unlimited Control Structure on this lake.
A weir was constructed in 1967.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

SINCLAIR LAKE NEAR HYTHE

STATION NO. 07CD902

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5													5
6		791.090											6
7													7
8													8
9													9
10													10
11							790.944						11
12													12
13													13
14													14
15													15
16													16
17													17
18					791.017								18
19													19
20													20
21													21
22								790.840	790.855				22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 791.090 METRES ON FEB 6
MINIMUM OBSERVED DAILY WATER LEVEL, 790.804 METRES ON NOV 10
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: SKELETON LAKE near Boyle

STATION NUMBER: 06AA914

LOCATION: 65-18-W4 - East side of Skeleton Lake, 4 miles East and
0.7 miles North of Boyle.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1965 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/~~NO~~

REMARKS: Geodetic Elevation verified April 1978.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

SKELETON LAKE NEAR BOYLE

STATION NO. 06AA914

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1							623.776						1
2													2
3													3
4													4
5													5
6		623.566											6
7													7
8													8
9					623.630								9
10													10
11													11
12									623.730				12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 623.776 METRES ON JUL 4
MINIMUM OBSERVED DAILY WATER LEVEL, 623.566 METRES ON FEB 7
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: SMOKE LAKE near Fox Creek

STATION NUMBER: 07GG902

LOCATION: 62-20-W5 - North side of Smoke Lake, 3 miles Southwest
of Fox Creek.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1968 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/~~NO~~

REMARKS: There is a Ducks Unlimited Control Structure on this lake.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

SMOKE LAKE NEAR FOX CREEK

STATION NO. 07CG902

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5						837.188							5
6												836.914	6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15									837.130				15
16													16
17													17
18													18
19													19
20						837.386							20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL	836.709												TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 837.386 METRES ON JUN 20

MINIMUM OBSERVED DAILY WATER LEVEL, 836.709 METRES ON JAN 31
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: SMOKY LAKE near Warspite

STATION NUMBER: 05EC902

LOCATION: 60-18-W4 - East side of Smoky Lake, 4 miles North of
Hwy. #28 and 7 miles West of the town of
Smoky Lake.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1969; 1971 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE: ~~YES~~/NO

REMARKS: Water Survey of Canada operated station 05EC001, 1919-22.
Geodetic Elevation verified April 1978.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

SMOKY LAKE NEAR WARSPITE

STATION NO. 05EC902

DAILY WATER LEVEL IN METRES FOR 1978

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

636.983

637.129

637.093

637.050

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 637.129 METRES ON MAY 18

MINIMUM OBSERVED DAILY WATER LEVEL, 636.983 METRES ON FEB 21
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

MEAN
MAX
MIN
TOTAL

LAKE - STATION DESCRIPTION

STATION NAME: SNIPE LAKE near Valleyview

STATION NUMBER: 07GH901

LOCATION: 71-19-W5 - About 18 miles East of Valleyview.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1973 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/~~NO~~

REMARKS: There is a Ducks Unlimited Control Structure on this lake.
A rock and timber dam was constructed in 1979. Geodetic
Elevation established July 1980.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

SNIFE LAKE NEAR VALLEYVIEW

STATION NO. 07GH901

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5						742.688							5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15						742.584							15
16											742.520		16
17													17
18													18
19						742.673							19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27						742.645							27
28													28
29													29
30													30
31													31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 742.688 METRES ON JUN 5

MINIMUM OBSERVED DAILY WATER LEVEL, 742.490 METRES ON AUG 25
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: SOUNDING LAKE near Monitor

STATION NUMBER: 05GA902

LOCATION: 37-4-W4 - Approximately 15 miles Northeast of Consort.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1955 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE: ~~YES~~/NO

REMARKS: 1. Lake is often dry during summer months.
2. Water Survey of Canada operated 05GA004 "near Monitor" in 1955-68.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

SOUNDING LAKE NEAR MONITOR

STATION NO. 05GA902

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11					657.161								11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

DRY

DRY

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 657.161 METRES ON MAY 11

MINIMUM OBSERVED DAILY WATER LEVEL, DRY ON JUL 6
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: SPRING LAKE near Stony Plain

STATION NUMBER: 05EA905

LOCATION: 52-1-W5 - 6 miles West of Stony Plain.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1937 1939-44; 1956 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/NO

REMARKS: Geodetic Elevation verified May 1978.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

SPRING LAKE NEAR STONY PLAIN

STATION NO. 05CA905

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1										723.845			1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

723.763

723.799

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 723.845 METRES ON OCT 2

MINIMUM OBSERVED DAILY WATER LEVEL, 723.763 METRES ON FEB 14
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: SPRUCE COULEE RESERVOIR near Medicine Hat

STATION NUMBER: 11AB901

LOCATION: 8-2-W4.

GAUGE TYP. Staff Gauge.

PERIOD OF RECORD: 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/NO

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

SPRUCE COULEE RESERVOIR NEAR MEDICINE HAT

STATION NO. 11AB901

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						27.816							1
2						27.813	27.719	27.594	27.466				2
3							27.688	27.575	27.456				3
4								27.566					4
5						27.813							5
6								27.554					6
7						27.819		27.545					7
8								27.545					8
9								27.539					9
10						27.819	27.706	27.533					10
11													11
12						27.813	27.709	27.499		27.569			12
13								27.478		27.566			13
14													14
15													15
16													16
17						27.789							17
18								27.496					18
19						27.789	27.676						19
20													20
21													21
22						27.776	27.664						22
23						27.770	27.664						23
24							27.661						24
25							27.648	27.508					25
26					27.950	27.755							26
27							27.636						27
28							27.624						28
29					27.950								29
30						27.734	27.612						30
31													31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 27.950 METRES ON MAY 26

MINIMUM OBSERVED DAILY WATER LEVEL, 27.456 METRES ON SEP 3
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: SQUARE LAKE near Lac La Biche

STATION NUMBER: 07CA906

LOCATION: 68-13-W4 - South side of Square Lake, 6 miles East and
8.5 miles North of Lac La Biche.

GAUGE TYPE: Staff Gauge.

PERIOD OF RECORD: 1973 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/NO

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

SQUARE LAKE NEAR LAC LA BICHE

STATION NO. 07CA906

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						28.843	28.846	28.819					1
2													2
3						28.843	28.816	28.819					3
4													4
5						28.843	28.816	28.788					5
6		28.697											6
7													7
8													8
9					28.749	28.813	28.785	28.788					9
10						28.813	28.785	28.727					10
11													11
12					28.749	28.843	28.816	28.727	28.785				12
13													13
14					28.752		28.785	28.727					14
15													15
16					28.752	28.843	28.816	28.727					16
17													17
18					28.752	28.843	28.816	28.727					18
19													19
20							28.816	28.727					20
21					28.752	28.843							21
22													22
23					28.752	28.816	28.788	28.697					23
24													24
25							28.788	28.697					25
26					28.782	28.846							26
27						28.846	28.819	28.700					27
28													28
29					28.843								29
30													30
31					28.843		28.788	28.700					31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 28.846 METRES ON JUN 26

MINIMUM OBSERVED DAILY WATER LEVEL, 28.697 METRES ON FEB 7
WATER LEVELS ARE REFERRED TO ASSUMED DATUM

LAKE - STATION DESCRIPTION

STATION NAME: STAPLEHURST LAKE near Lloydminster

STATION NUMBER: 05EF901

LOCATION: 51-1-W4 - 6 miles North and 5 miles West of Lloydminster.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1969; 1971 - 1978 .

HYDROGRAPHIC SURVEY MAP AVAILABLE:

~~YES~~/NO

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

STAPLEHURST LAKE NEAR LLOYDMINSTER

STATION NO. 05EF901

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17										646.325			17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

646.389

646.560

646.405

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 646.560 METRES ON MAY 25

MINIMUM OBSERVED DAILY WATER LEVEL, 646.325 METRES ON OCT 17
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: STAR LAKE near Carvel Corner

STATION NUMBER: 05ED905

LOCATION: 52-2-W5 - East side of Star Lake, 1.5 miles South and
2.8 miles West of Carvel.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1968-72; 1974 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/NO

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

STAR LAKE NEAR CARVEL CORNER

STATION NO. 05DE905

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1										737.866			1
2													2
3													3
4													4
5													5
6													6
7													7
8					737.768								8
9													9
10													10
11													11
12													12
13													13
14		737.729											14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 737.866 METRES ON OCT 2

MINIMUM OBSERVED DAILY WATER LEVEL, 737.729 METRES ON FEB 14
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: STRUBEL LAKE near Caroline

STATION NUMBER: 05DB901

LOCATION: 37-7-W5 - East side of Strubel Lake, 12 miles South and
3.5 miles West of Rocky Mountain House.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1971 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/~~NO~~

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

STRUBEL LAKE NEAR CAROLINE

STATION NO. 050B901

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5							1060.664						5
6													6
7													7
8													8
9													9
10					1060.637								10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 1060.664 METRES ON JUL 5
MINIMUM OBSERVED DAILY WATER LEVEL, 1060.637 METRES ON MAY 10
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: SWAN LAKE near Rocky Mountain House

STATION NUMBER: 05DB902

LOCATION: 36-9-W5 - North side of lake, 18 miles South and 11
miles West of Rocky Mountain House.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1971 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/~~NO~~

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

SWAN LAKE NEAR ROCKY MOUNTAIN HOUSE

STATION NO. 05DB902

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9					1211.485								9
10									1211.507				10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 1211.507 METRES ON JUL 6
MINIMUM OBSERVED DAILY WATER LEVEL, 1211.485 METRES ON MAY 9
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: THUNDER LAKE near Barrhead

STATION NUMBER: 07BB909

LOCATION: 59-5-W5 - East side of Thunder Lake, 13 miles West of Barrhead.

GAUGE TYPE: Staff Gauge.

PERIOD OF RECORD: 1960-61; 1964 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE: YES/~~NO~~

REMARKS: There is an Alberta Environment Control Structure on this lake.
(Concrete weir with control gate; F.S.L. = 654.10 m.)

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

THUNDER LAKE NEAR BARRHEAD

STATION NO. 07DB909

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						653.951							1
2										653.900			2
3						653.948							3
4						653.945							4
5													5
6						653.945							6
7													7
8													8
9					653.918	653.930							9
10					653.930	653.930							10
11						653.921							11
12						653.921							12
13						653.912							13
14													14
15													15
16		653.836				653.915	653.893						16
17						653.915	653.884						17
18						653.915	653.884						18
19						653.903	653.884						19
20						653.900	653.887						20
21							653.884						21
22							653.869						22
23					653.945	653.906	653.872						23
24						653.900	653.869						24
25						653.884	653.869						25
26					653.945	653.869	653.863						26
27					653.945	653.869	653.869						27
28					653.945		653.866						28
29							653.863						29
30					653.957	653.884	653.839						30
31							653.863						31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 653.957 METRES ON MAY 30

MINIMUM OBSERVED DAILY WATER LEVEL, 653.836 METRES ON FEB 16
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: TOUCHWOOD LAKE near Lac La Biche

STATION NUMBER: 06AB902

LOCATION: 68-10-W4 - Northwest corner of Touchwood Lake, 22 miles
East and 7 miles North of Lac La Biche.

GAUGE TYPE: Staff Gauge.

PERIOD OF RECORD: 1969 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/~~NO~~

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

TOUCHWOOD LAKE NEAR LAC LA BICHE

STATION NO. 06AB202

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7					29.438								7
8													8
9					29.529								9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 29.529 METRES ON MAY 9
MINIMUM OBSERVED DAILY WATER LEVEL, 29.389 METRES ON SEP 12
WATER LEVELS ARE REFERRED TO ASSUMED DATUM

LAKE - STATION DESCRIPTION

STATION NAME: TWIN LAKE #1 near Hoadley

STATION NUMBER: 05DE906

LOCATION: 46-3-W5 - 3.5 miles East and 1 mile South of Winfield.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1968 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/NO

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

TWIN LAKE #1 NEAR HOADLEY

STATION NO. 05DE906

DAILY WATER LEVEL IN METRES FOR 1978

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

919.539

919.609

919.563

919.539

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 919.609 METRES ON MAY 26

MINIMUM OBSERVED DAILY WATER LEVEL, 919.539 METRES ON FEB 24
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: TWIN LAKE #2 near Hoadley

STATION NUMBER: 05DE907

LOCATION: 46-3-W5 - 3.5 miles East and 1 mile South of Winfield.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1968 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/~~NO~~

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

TWIN LAKE #2 NEAR HOADLEY

STATION NO. 05DE907

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18										930.972			18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
							931.054						
26													26
27							931.024						27
28													28
29													29
30													30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 931.054 METRES ON FEB 24
MINIMUM OBSERVED DAILY WATER LEVEL, 930.948 METRES ON JUL 27
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: TYRRELL LAKE (EAST)

STATION NUMBER: 05AF903

LOCATION: 5-18-W4 - 6 miles East and 35 miles South of New
Dayton.

GAUGE TYPE: Staff Gauge.

PERIOD OF RECORD: 1977 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/~~NO~~

REMARKS: There is a Ducks Unlimited Control Structure on this lake.
Also Tyrrell Lake West in 1979.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

TYRRELL LAKE (EAST)

STATION NO. 05AF903

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5									959.775	959.864			5
6													6
7													7
8									959.666				8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20				959.864		959.681							20
21													21
22													22
23					959.818								23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31

TOTAL

MEAN
MAX
MIN

TOTAL
MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 959.864 METRES ON APR 19

MINIMUM OBSERVED DAILY WATER LEVEL, 959.666 METRES ON AUG 8
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: UPDIKE LAKE near Demmitt

STATION NUMBER: 07FD914

LOCATION: 74-12-W6 - 4 miles Southeast of Demmitt.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1976 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

~~YES~~/NO

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

UPDIKE LAKE NEAR DENMILLT

STATION NO. 07FD914

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
											794.169		
11													11
12													12
13													13
14													14
15													15
							794.303						
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

794.486

794.303

794.208

794.245

794.169

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 794.486 METRES ON MAY 18
MINIMUM OBSERVED DAILY WATER LEVEL, 794.169 METRES ON NOV 10
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: UPPER MANN LAKE near Ashmont

STATION NUMBER: 06AA911

LOCATION: 59-11-W4 - West side of Upper Mann Lake, 1.5 miles
Northeast of Ashmont.

GAUGE TYPE: Staff Gauge.

PERIOD OF RECORD: 1962 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/NO

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

UPPER MANN LAKE NEAR ASHMONT

STATION NO. 05AA911

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						616.080							1
2						616.080	616.043						2
3						616.083							3
4													4
5													5
6						616.083							6
7							616.034						7
8													8
9													9
10		615.903											10
11													11
12						616.068							12
13						616.077							13
14													14
15									616.056				15
16						616.080							16
17					615.976								17
18					615.979								18
19					615.979	616.074							19
20						616.074							20
21													21
22					615.986								22
23													23
24													24
25													25
26					615.989								26
27						616.059							27
28					616.050	616.056							28
29					616.056								29
30													30
31					616.074								31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 616.083 METRES ON JUN 5
MINIMUM OBSERVED DAILY WATER LEVEL, 615.903 METRES ON FEB 10
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: UPPER THERIEN LAKE near St. Paul

STATION NUMBER: 05ED907

LOCATION: 57-9-W4 - Northwest side of Upper Therien Lake, on the
South side of St. Paul.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1973 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE: ~~YES~~/NO

REMARKS: Geodetic Elevation verified May 1978.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

UPPER THERIEN LAKE NEAR ST. PAUL

STATION NO. 05ED907

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10		636.014						636.075					10
11					636.133								11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 636.133 METRES ON MAY 11
MINIMUM OBSERVED DAILY WATER LEVEL, 636.014 METRES ON FEB 10
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: VERMILION RESERVOIR at Vermilion

STATION NUMBER: 05EE905

LOCATION: 50-6-W4 - .2 miles North of the town of Vermilion on
Hwy. #41.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1974 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/NO

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

VERMILION RESERVOIR AT VERMILION

STATION NO. 05EE905

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1										575.728			1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11										575.807			11
12													12
13													13
14													14
15													15
16										575.843			16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL

575.508

575.761

575.450

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 575.843 METRES ON OCT 16
MINIMUM OBSERVED DAILY WATER LEVEL, 575.450 METRES ON JUL 25
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: VERMILION RIVER near Morecambe

STATION NUMBER: 05EE906

LOCATION: 54-10-W4 - 2 miles South of Morecambe.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1971 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE: YES/NO

REMARKS: There is an Alberta Environment Control Structure on this lake.
(Gated concrete weir; F.S.L. = 598.93 m.)

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

VERMILION RIVER NEAR MORECAMBE

STATION NO. 05EE906

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1										599.337			1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11										599.420			11
12													12
13													13
14													14
15													15
16										599.307			16
17													17
18													18
19													19
20													20
21													21
22													22
23										599.353			23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31

597.637

599.182

599.185

599.353

TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

TOTAL

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 599.420 METRES ON OCT 11

MINIMUM OBSERVED DAILY WATER LEVEL, 597.637 METRES ON FEB 22
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: VERMILION RIVER near Musidora

STATION NUMBER: 05EE907

LOCATION: 54-11-W4 - .5 miles East and .5 miles South of Musidora.

GAUGE TYPE: Staff Gauge.

PERIOD OF RECORD: 1971 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

~~YES~~/NO

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

VERMILION RIVER NEAR MUSIDORA

STATION NO. 05EE707

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1										599.215			1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16										599.228			16
17													17
18													18
19													19
20													20
21													21
22					598.929								22
23													23
24					599.033								24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 599.228 METRES ON OCT 16
MINIMUM OBSERVED DAILY WATER LEVEL, 598.920 METRES ON JUL 25
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: VERMILION RIVER at Two Hills - Highway #36

STATION NUMBER: 05EE908

LOCATION: 54-12-W4 - Highway #36 bridge just South of Two Hills.

GAUGE TYPE: Staff Gauge.

PERIOD OF RECORD: 1971 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/NO

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

VERMILION RIVER AT TWO HILLS HWY. 36

STATION NO. 05EE908

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1										599.539			1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16										599.386			16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL

599.435

599.069

598.956

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 599.539 METRES ON OCT 3

MINIMUM OBSERVED DAILY WATER LEVEL, 598.956 METRES ON JUL 25
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: VERMILION RIVER 4 miles West of Two Hills

STATION NUMBER: 05EE909

LOCATION: 54-13-W4 - 4 miles West and 2 miles South of Two Hills.

GAUGE TYPE: Staff Gauge.

PERIOD OF RECORD: 1972 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/NO

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

VERMILION RIVER 4 MILES WEST OF TWO HILLS

STATION HQ. 05EL909

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1										599.630			1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16										599.825			16
17													17
18													18
19													19
20													20
21													21
22		598.432											22
23													23
24					599.435								24
25							599.301						25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 599.825 METRES ON OCT 16

MINIMUM OBSERVED DAILY WATER LEVEL, 598.432 METRES ON FEB 22
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: VICTOR LAKE near Grande Cache

STATION NUMBER: 07GA905

LOCATION: 56-8-W6 - West side of Victor Lake, 1 mile East and
0.2 miles South of Grande Cache.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1968; 1970 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/~~NO~~

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

VICTOR LAKE NEAR GRANDE CACHE

STATION NO. 07GA905

DAILY WATER LEVEL IN METRES FOR 1978

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

1117.177

1117.311

1117.104

1117.570

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 1117.570 METRES ON JUN 27
MINIMUM OBSERVED DAILY WATER LEVEL, 1117.104 METRES ON JAN 25
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: VINCENT LAKE near Ashmont

STATION NUMBER: 06AC913

LOCATION: 59-9-W4 - North side of Vincent Lake, 0.3 miles North
and 9 miles East of Ashmont.

GAUGE TYPE: Staff Gauge.

PERIOD OF RECORD: 1966 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/~~NO~~

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

VINCENT LAKE NEAR ASHMOOT

STATION NO. 05ED913

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10		636.151											10
11					636.307								11
12													12
13													13
14													14
15													15
16													16
17					636.294								17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 636.367 METRES ON JUL 7
MINIMUM OBSERVED DAILY WATER LEVEL, 636.151 METRES ON FEB 10
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: WAKOMAO LAKE near Clyde

STATION NUMBER: 05EC903

LOCATION: 59-24-W4 - South side of lake, 4.5 miles East of Cyle.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1956-62; 1965 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE: YES/~~NO~~

REMARKS: There is a Ducks Unlimited Control Structure on this lake.
A steel sheet pile weir was constructed in 1980. (F.S.L.
= 621.59 metres.)

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

WAKOMAD LAKE NEAR CLYDE

STATION NO. 05EC903

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1										622.011			1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11					621.874								11
12													12
13													13
14													14
15													15
16		621.530											16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 622.011 METRES ON OCT 5
MINIMUM OBSERVED DAILY WATER LEVEL, 621.530 METRES ON FEB 17
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: WATT LAKE near Two Hills

STATION NUMBER: 05EE910

LOCATION: 55-13-W4 - East side of Watt's Lake, 7 miles West and
1 mile South of Two Hills.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1972 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/NO

REMARKS: There is a Ducks Unlimited Control Structure on this lake.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

WAIT LAKE NEAR TWO HILLS

STATION NO. 05EE910

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16										600.700			16
17													17
18													18
19													19
20													20
21													21
22		600.584											22
23													23
24					600.764								24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

TOTAL
MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 600.764 METRES ON MAY 24
MINIMUM OBSERVED DAILY WATER LEVEL, 600.584 METRES ON FEB 22
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: WAVY LAKE near Strome

STATION NUMBER: 05FB902

LOCATION: 45-15-W4 - North side of Wavy Lake, 7 miles North of
Strome.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1969; 1975 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

~~YES~~/NO

REMARKS: There is a Ducks Unlimited Control Structure on this lake.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

MAVY LAKE NEAR STROME

STATION NO. 05JB902

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8			686.797										8
9													9
10													10
11													11
12													12
13													13
14													14
15								686.586					15
16													16
17													17
18													18
19										686.656			19
20													20
21													21
22													22
23													23
24													24
25					686.836								25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 686.836 METRES ON MAY 25
MINIMUM OBSERVED DAILY WATER LEVEL, 686.586 METRES ON AUG 15
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: WEMBLEY LAKE near Wembley

STATION NUMBER: 07GE914

LOCATION: 71-8-W6 - Southwest of the town of Wembley.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1976 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/NO

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

MEMBLEY LAKE NEAR MEMBLEY

STATION NO. 07GE914

DAILY WATER LEVEL IN METRES FOR 1978

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

727.652

727.637

727.545

727.439

727.472

727.414

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 727.652 METRES ON MAY 19

MINIMUM OBSERVED DAILY WATER LEVEL, 727.414 METRES ON NOV 14
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: WHITEFISH LAKE near Vilna

STATION NUMBER: 06AA915

LOCATION: 62-13-W4 - South side of Whitefish Lake, 2 miles East
and 15 miles North of Vilna.

GAUGE TYPE: Staff Gauge.

PERIOD OF RECORD: 1958; 1960-65; 1968 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE: YES/NO

REMARKS: There was a Ducks Unlimited Control Structure on this lake.
A rock and timber crib weir was constructed in 1950 but
washed out before 1971.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

WHITEFISH LAKE NEAR VILNA

STATION NO. 06AA915

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1							577.559						1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15									577.355				15
16													16
17													17
18					577.428								18
19													19
20													20
21													21
22					577.236								22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 577.559 METRES ON JUL 11
MINIMUM OBSERVED DAILY WATER LEVEL, 577.236 METRES ON FEB 21
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: WHITFORD LAKE near Vegreville

STATION NUMBER: 05EC904

LOCATION: 56-15-W4 - Northeast side of Whitford Lake, 26 miles
North and 7 miles West of Vegreville.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1969 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE: YES/~~NO~~

REMARKS: There is a Ducks Unlimited Control Structure on this lake.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

WHITFORD LAKE NEAR VEGREVILLE

STATION NO. 05EC904

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16										625.623			16
17													17
18													18
19													19
20													20
21													21
22		625.477											22
23					625.520								23
24													24
25										625.492			25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 625.623 METRES ON OCT 16

MINIMUM OBSERVED DAILY WATER LEVEL, 625.477 METRES ON FEB 22
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: WHITNEY LAKE near Elk Point

STATION NUMBER: 05ED908

LOCATION: 56-4-W4 - West side of Whitney Lake, 14 miles East and
4.8 miles South of Elk Point.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1965 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/NO

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

WHITNEY LAKE NEAR ELK POINT

STATION NO. 05ED908

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5													5
6							567.275						6
7													7
8													8
9		567.382											9
10													10
11													11
12													12
13													13
14													14
15													15
16					567.318								16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 567.382 METRES ON FEB 9
MINIMUM OBSERVED DAILY WATER LEVEL, 567.196 METRES ON SEP 14
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: WILDHORSE LAKE near Hinton

STATION NUMBER: 07AD904

LOCATION: 49-26-W5 - East side of Wildhorse Lake, approximately
15 miles Southwest of Hinton.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1969 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/~~NO~~

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

WILDHORSE LAKE NEAR HINTON

STATION NO. 07AD904

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11										1150.343			11
12													12
13													13
14													14
15													15
16					1149.980								16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
					1149.827								
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

TOTAL
MEAN
MAX
MIN
SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 1150.343 METRES ON OCT 11
MINIMUM OBSERVED DAILY WATER LEVEL, 1149.827 METRES ON JAN 24
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: WIZARD LAKE near Leduc

STATION NUMBER: 05DF901

LOCATION: 48-27-W4 - 10 miles South and 2 miles West of Calmar.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1968 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/~~NO~~

REMARKS: Geodetic Elevation verified May 1978.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

WIZARD LAKE NEAR LEDUC

STATION NO. 05DF901

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7			783.781			783.857							7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18										783.869			18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

783.787

TOTAL
MEAN
MAX
MIN

TOTAL
MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 783.869 METRES ON OCT 18

MINIMUM OBSERVED DAILY WATER LEVEL, 783.781 METRES ON MAR 7
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: WOLF LAKE near Bonnyville

STATION NUMBER: 06AB903

LOCATION: 65-7-W4 - South side of Wolf Lake, 7 miles West and
28 miles North of Bonnyville.

GAUGE TYPE: Staff Gauge.

PERIOD OF RECORD: 1968 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE: YES/~~NO~~

REMARKS: There is a Ducks Unlimited Control Structure on this lake.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

WOLF LAKE NEAR BOHMYVILLE

STATION NO. 06AB903

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						597.536	597.472	597.390	597.295				1
2													2
3													3
4													4
5							597.466						5
6													6
7													7
8													8
9		597.307											9
10					597.417								10
11													11
12													12
13													13
14													14
15													15
16						597.566							16
17							597.441						17
18								597.286					18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 597.566 METRES ON JUN 16
MINIMUM OBSERVED DAILY WATER LEVEL, 597.286 METRES ON AUG 16
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: YELLOW LAKE (STATION 0)

STATION NUMBER: 05AJ901

LOCATION: 10-13-W4 - 2 miles South of Grassy Lake.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1977 - 1978

HYDROGRAPHIC SURVEY MAP AVAILABLE: YES/~~NO~~

REMARKS: Records available for additional stations on this lake.
There is a Ducks Unlimited Control Structure on this lake.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

YELLOW LAKE (STATION 0)

STATION NO. 05AJ901

DAILY WATER LEVEL IN METRES FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						782.693				782.815			1
2													2
3													3
4													4
5													5
6									782.714				6
7								782.699					7
8													8
9													9
10				782.479									10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27						782.732							27
28													28
29													29
30													30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1978

MAXIMUM OBSERVED DAILY WATER LEVEL, 782.815 METRES ON OCT 3
MINIMUM OBSERVED DAILY WATER LEVEL, 782.479 METRES ON APR 10
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

36776

GB Alberta miscellaneous lake levels

1630

A2

A333

1978

c.1

1

