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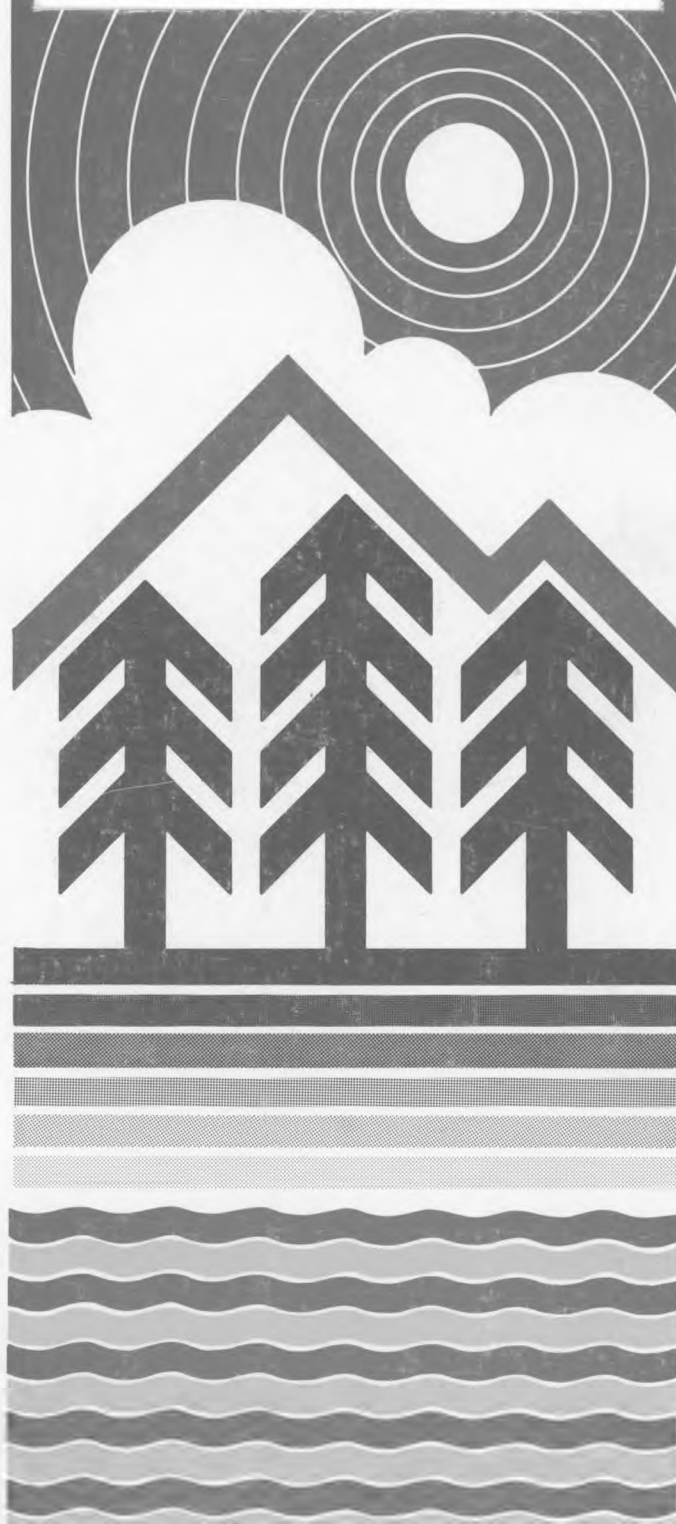
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ALBERTA

MISCELLANEOUS LAKE LEVELS

1979

Alberta
ENVIRONMENT



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ALBERTA
MISCELLANEOUS LAKE LEVELS
1979



Prepared by:

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MAY 1981

36777

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INTRODUCTION

Over the years Alberta Environment has collected lake level information at numerous lakes throughout the Province. As of 1979 there were 202 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 1979. A report containing the 1978 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 xiii.

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.

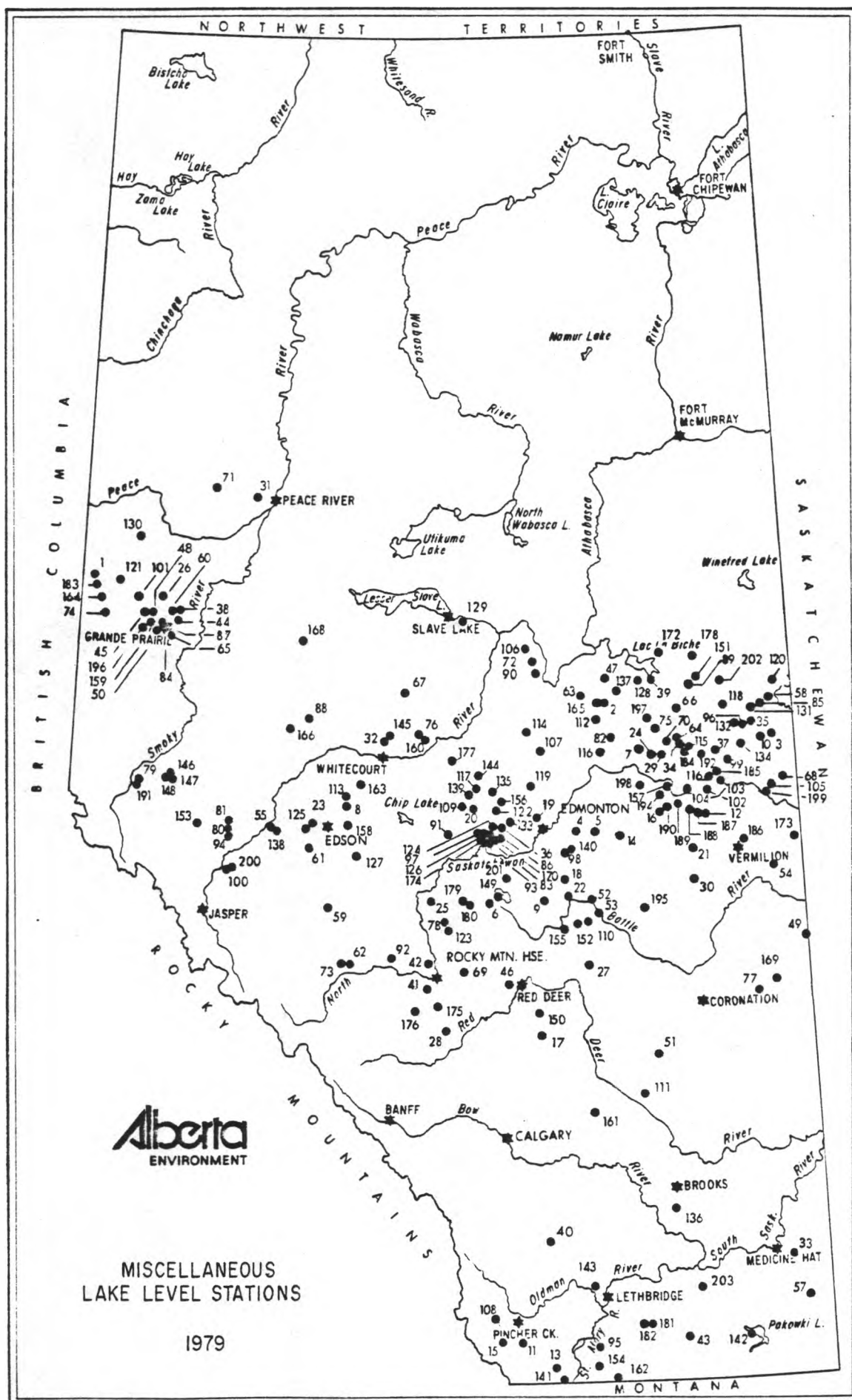
All water levels given in this data report are in metric units. The approximate conversion to imperial units is as follows:

1 metre = 3.28 feet

Further Information

It should be emphasized that this data report only contains data collected for one year, 1979. 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 REFERENCE NUMBER (Fig. 1)	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
Beaverdam Lake near Cardston	13	25
Beaverhill Lake near Tofield	14	27
Beavermines Lake near Bellevue	15	29
Ben's Lake near Two Hills	16	31
Bigelow Reservoir near Wimborne	17	33
Big Hay Lake near Hay Lakes	18	35
Big Lake near St. Albert	19	37
Birch Lake near Glenevis	20	39
Birch Lake near Innisfree	21	41
Bittern Lake near Bittern Lake	22	43
Blackmud Lake at Marlboro	23	45
Bonnie Lake near Vilna	24	47
Buck Lake near Drayton Valley	25	49

STATION NAME	MAP REFERENCE NUMBER (Fig. 1)	PAGE NUMBER
Buffalo Lake near La Glace	26	51
Buffalo Lake near Stettler	27	53
Burnstick Lake near Sundre	28	55
Cache Lake near Spedden	29	57
Camp Lake near Kinsella	30	59
Cardinal Lake at Queen Elizabeth Park	31	61
Carson Lake near Whitecourt	32	63
Cavan Lake near Medicine Hat	33	65
Chappell Lake near Ashmont	34	67
Charlotte Lake near Bonnyville	35	69
Chickakoo Lake near Stony Plain	36	71
Chickenhill Lake near St. Paul	37	73
Clairmont Lake near Clairmont	38	75
Claude Lake near Lac La Biche	39	77
Clear Lake near Stavely	40	79
Cow Lake near Rocky Mountain House	41	81
Crimson Lake near Rocky Mountain House	42	83
Crow Indian Lake	43	85
Crystal Lake near Grande Prairie	44	87
Cutbank Lake near Wembley	45	89
Cygnets Lake near Sylvan Lake	46	91
Dakin Lake near Atmore	47	93
Deep Lake near Grande Prairie	48	95
Dillberry Lake near Wainwright	49	97
Dimsdale Lake near Dimsdale	50	99
Dowling Lake near Hanna	51	101
Driedmeat Lake near Camrose	52	103
Driedmeat Lake at Outflow	53	105

STATION NAME	MAP REFERENCE NUMBER (Fig. 1)	PAGE NUMBER
Earlie Lake near Kitscoty	54	107
Eccles Pond near Hinton	55	109
Eden Lake near Beach Corner	56	111
Elkwater Lake near Irvine	57	113
Ethel Lake near Cold Lake	58	115
Fairfax Lake near Robb	59	117
Ferguson Lake near Clairmont	60	119
Fickle Lake near Edson	61	121
Fish Lake near Nordegg	62	123
Flat Lake near Boyle	63	125
Floatingstone Lake near Spedden	64	127
Flyingshot Lake near Grande Prairie	65	129
Fork Lake near Lac La Biche	66	131
Freeman Lake near Swan Hills	67	133
Frog Lake near Elk Point	68	135
Gabriel Lake near Bentley	69	137
Garner Lake near Spedden	70	139
Gerry Lake near Hines Creek	71	141
Ghost Lake near Athabasca	72	143
Goldeye Lake near Nordegg	73	145
Goodfare Lake near Goodfare	74	147
Goodfish Lake near Vilna	75	149
Goose Lake near Fort Assiniboine	76	151
Gooseberry Lake near Consort	77	153
Gosling Lake near Buck Lake	78	155
Grande Cache Lake near Grande Cache	79	157
Graveyard Lake near Hinton	80	159
Gregg Lake near Hinton	81	161

STATION NAME	MAP REFERENCE NUMBER (Fig. 1)	PAGE NUMBER
Hanmore Lake near Smoky Lake	82	163
Hasse Lake near Stony Plain	83	165
Hermit Lake near Grande Prairie	84	167
Hilda Lake near Cold Lake	85	169
Hubbles Lake near Stony Plain	86	171
Hughes Lake near Grande Prairie	87	173
Iosegun Lake near Fox Creek	88	175
Ironwood Lake near Lac La Biche	89	177
Island Lake near Athabasca	90	179
Isle Lake near Gainford	91	181
Jackfish Lake near Rocky Mountain House	92	183
Jackfish Lake near Stony Plain	93	185
Jarvis Lake near Hinton	94	187
Jensen Reservoir	95	189
Jessie Lake near Bonnyville	96	191
Johnny's Lake near Stony Plain	97	193
Joseph Lake near New Sarepta	98	195
Kehiwin Lake near Bonnyville	99	197
Kinky Lake near Hinton	100	199
La Glace Lake near La Glace	101	201
Lac Bellevue near St. Paul	102	203
Lac Saint Cyr near St. Paul	103	205
Lac Sante near St. Paul	104	207
Laurier Lake near Heinsburg	105	209
Lawrence Lake near Athabasca	106	211
Lebeaus Lake near Westlock	107	213
Lees Lake near Pincher Creek	108	215
Lessard Lake near Glenevis	109	217

STATION NAME	MAP REFERENCE NUMBER (Fig. 1)	PAGE NUMBER
Little Beaver Lake near Ferintosh	110	219
Little Fish Lake near Drumheller	111	221
Long Lake near Boyle	112	223
Long Lake near Edson	113	225
Long Island Lake near Westlock	114	227
Lower Mann Lake near Ashmont	115	229
Lower Therien Lake near St. Paul	116	231
Majeau Lake near Glenevis	117	233
Manatokan Lake near Iron River	118	235
Manawan Lake near Legal	119	237
Marie Lake near Cold Lake	120	239
Martin Lake near Hythe	121	241
Matchayaw Lake near Stony Plain	122	243
Medicine Lake near Rimbey	123	245
Mere Lake near Stony Plain	124	247
Millers Lake near Marlboro	125	249
Mink Lake near Carvel Corner	126	251
Minnow Lake near Edson	127	253
Mirage Lake at Moonshine Provincial Park	130	255
Missawaw Lake near Venice	128	257
Mitsue Lake near Slave Lake	129	259
Moore Lake near Fort Kent	131	261
Moose Lake near Bonnyville	132	263
Muir Lake near Spruce Grove	133	265
Muriel Lake near Bonnyville	134	267
Nakamun Lake near Onoway	135	269
Lake Newell near Brooks	136	271
North Buck Lake near Caslan	137	273

STATION NAME	MAP REFERENCE NUMBER (Fig. 1)	PAGE NUMBER
Obed Lake near Hinton	138	275
Oldman Lake near Glenevis	139	277
Oliver Lake near New Sarepta	140	279
Outpost Lake at Police Outpost Park	141	281
Pakowki Lake near Medicine Hat	142	283
Park Lake at Provincial Park	143	285
Peanut Lake near Barrhead	144	287
Pegasus Lake near Whitecourt	145	289
Pierre Grey Lake (Lower) near Muskeg	146	291
Pierre Grey Lake (Middle) near Muskeg	147	293
Pierre Grey Lake (Upper) near Muskeg	148	295
Pigeon Lake at Provincial Park	149	297
Pine Lake near Pine Lake	150	299
Pinehurst Lake near Lac La Biche	151	301
Red Deer Lake near Ferintosh	152	303
Rock Lake near Hinton	153	305
Ross Lake near Magrath	154	307
Samson Lake near Hobbema	155	309
Sandy Lake near Morinville	156	311
Sandy Lake near Two Hills	157	313
Sang (Suprise) Lake near Edson	158	315
Saskatoon Lake near Grande Prairie	159	317
Schuman Lake near Fort Assiniboine	160	319
Severn Reservoir	161	321
Shanks Lake near Cardston	162	323
Shiningbank Lake near Peers	163	325
Sinclair Lake near Hythe	164	327
Skeleton Lake near Boyle	165	329

STATION NAME	MAP REFERENCE NUMBER (Fig. 1)	PAGE NUMBER
Smoke Lake near Fox Creek	166	331
Smoky Lake near Warspite	167	333
Snipe Lake near Valleyview	168	335
Sounding Lake near Monitor	169	337
Spring Lake near Stony Plain	170	339
Square Lake near Lac La Biche	172	341
Staplehurst Lake near Lloydminster	173	343
Star Lake near Carvel Corner	174	345
Strubel Lake near Caroline	175	347
Swan Lake near Rocky Mountain House	176	349
Thunder Lake near Barrhead	177	351
Touchwood Lake near Lac La Biche	178	353
Twin Lake #1 near Hoadley	179	355
Twin Lake #2 near Hoadley	180	357
Tyrrell Lake (East)	181	359
Tyrrell Lake (West)	182	361
Urdike Lake near Demmitt	183	363
Upper Mann Lake near Ashmont	184	365
Upper Therien Lake near St. Paul	185	367
Vermilion Reservoir at Vermilion	186	369
Vermilion River near Morecambe	187	371
Vermilion River near Musidora	188	373
Vermilion River at Two Hills (Highway #36)	189	375
Vermilion River 4 miles West of Two Hills	190	377
Victor Lake near Grande Cache	191	379
Vincent Lake near Ashmont	192	381
Wakomao Lake near Clyde	193	383

STATION NAME	MAP REFERENCE NUMBER (Fig. 1)	PAGE NUMBER
Watt Lake near Two Hills	194	385
Wavy Lake near Strome	195	387
Wembley Lake near Wembley	196	389
Whitefish Lake near Vilna	197	391
Whitford Lake near Vegreville	198	393
Whitney Lake near Elk Point	199	395
Wildhorse Lake near Hinton	200	397
Wizard Lake near Leduc	201	399
Wolf Lake near Bonnyville	202	401
Yellow Lake (Station 0)	203	403

1979 Lake and Reservoir Data
Published 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	07BF002	Lake Abraham near Nordegg	05DC009
Bare Creek Reservoir near Elkwater	11AB094	Lake Athabasca at Bustard Island	07MD002
Barrier Lake near Seebe	05BF024	Lake Athabasca at Fort Chipewyan	07MD001
Bear Lake near Clairmont	07GE004	Lake Claire near Outlet to Prairie River	07KF002
Beaver Lake at Ranger Station	06AA003	Lake Minnewanka near Banff	05BD003
Bigelow Reservoir near Wimborne	05CE901*	Lake Sherburne	05AE036
Brazeau Reservoir	05DD006	Lesser Slave Lake at Faust	07BJ002
Buffalo Lake near Erskine	05CD005	Lesser Slave Lake at Slave Lake	07BJ006
Calling Lake at Ranger Station	07CB001	Lower Kananaskis at Pocaterra Dam	05BF009
Chain Lakes Reservoir near Nanton	05AB037	Massy Reservoir near Elkwater	11AB104
Chip Lake at Outlet to Lobstick River	07BB008	Michele Reservoir near Elkwater	11AB091
Coal Lake Reservoir near Wetaskiwin	05FA016	Milk River Ridge Reservoir	05AF030
Cold Lake at Cold Lake	06AF002	Ministik Lake near New Sarepta	05EB013
Cooking Lake at Cooking Lake	05EB012	Miquelon Lake at Provincial Park	05EB014
Cressday Reservoir near Cressday	11AB097	Mitchell Reservoir near Elkwater	11AB099
Cygnets Lake near Sylvan Lake	05CC901*	Pigeon Lake at Fisher Home	05FA013
Driedmeat Lake at Outflow	05FA020*	Reesor Reservoir near Elkwater	11AB090
Elkwater Lake	05AH025	Richardson Lake at the Outlet	07DD008
Fawcett Lake near Smith	07BK008	South Wabasca Lake near Desmarais	07JA002
Ghost Lake near Cochrane	05BE005	Spray Reservoir at Three Sisters Dam	05BC006
Glenmore Reservoir at Calgary	05BJ008	St. Mary Reservoir near Spring Coulee	05AE025
Greasewood Reservoir near Elkwater	11AB092	Steele Lake near Jarvie	07BC005
Gregoire Lake near Fort McMurray	07CE001	Sturgeon Lake at Williamson Park	07GH003
Gull Lake at Aspen Beach	05CC006	Sylvan Lake at Sylvan Lake	05CC003
Hastings Lake near Deville	05EB011	Upper Kananaskis Lake at Main Dam	05BF005
Isle Lake at Camp He Ho Ha	05EA008	Utikuma Lake near Nipisi	07JA001
Jaydot Reservoir near Jaydot	11AB098	Wabamun Lake at Wabamun	05DE002
Lac La Biche at Lac La Biche	07CA004	Waterton Lake at Waterton Park	05AD025
Lac La Nonne at Lac La Nonne	07BB007	Waterton Reservoir	05AD026
Lac Ste. Anne at Alberta Beach	05EA006	Winagami Lake at Spillway Gates	07BF006

* Data included in this publication.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

ALBRIGHT LAKE NEAR DEMMITT

STATION NO. 07FD903

DAILY WATER LEVEL IN METRES FOR 1979

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												792.221	6
7													7
8													8
9	792.413												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						792.538	792.590						27
28													28
29													29
30													30
31													31
TOTAL					792.681				792.501				TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 792.681 METRES ON MAY 31

MINIMUM OBSERVED DAILY WATER LEVEL, 792.221 METRES ON DEC 6
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 - 1979

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 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1										611.703			1
2													2
3													3
4													4
5		611.633				611.868							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								611.734					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 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 611.868 METRES ON JUN 4

MINIMUM OBSERVED DAILY WATER LEVEL, 611.633 METRES ON FEB 5
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 - 1979

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 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2							557.190			556.940			2
3													3
4													4
5													5
6					557.165				557.336				6
7													7
8						557.190							8
9													9
10		557.174											10
11													11
12													12
13						557.266							13
14													14
15													15
16													16
17						557.193							17
18													18
19						557.269							19
20													20
21								557.095					21
22													22
23								557.275					23
24													24
25													25
26					557.187								26
27													27
28													28
29													29
30													30
31													31
TOTAL													
MEAN													
MAX													
MIN													

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 557.336 METRES ON SEP 7

MINIMUM OBSERVED DAILY WATER LEVEL, 556.940 METRES ON OCT 4
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 - 1979

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 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						738.399							1
2							738.351	738.427	738.363	738.323			2
3						738.399				738.329			3
4								738.433	738.354				4
5		738.180				738.396							5
6							738.357						6
7						738.390		738.427	738.344				7
8													8
9						738.381	738.363	738.418	738.341				9
10													10
11						738.369		738.421					11
12							738.399		738.329				12
13								738.415	738.329				13
14													14
15						738.381	738.472						15
16													16
17						738.375	738.469	738.415	738.335				17
18							738.469		738.335				18
19								738.402					19
20						738.369			738.332				20
21							738.457						21
22								738.393					22
23					738.463	738.360			738.332				23
24							738.442						24
25					738.457		738.442	738.384					25
26						738.354			738.326				26
27							738.433						27
28						738.351							28
29								738.375	738.323				29
30													30
31						738.351							31
TOTAL													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 738.472 METRES ON JUL 15

MINIMUM OBSERVED DAILY WATER LEVEL, 738.180 METRES ON FEB 5
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 - 1979

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. 05EB905

DAILY WATER LEVEL IN METRES FOR 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1								711.827		711.696			1
2													2
3													3
4													4
5		711.562											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

711.781

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 711.827 METRES ON AUG 1
MINIMUM OBSERVED DAILY WATER LEVEL, 711.562 METRES ON FEB 5
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 - 1979

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 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1										836.264			1
2													2
3													3
4													4
5													5
6													6
7													7
8		836.895											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					836.810								21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL										836.499			TOTAL

MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 836.895 METRES ON FEB 8
MINIMUM OBSERVED DAILY WATER LEVEL, 836.264 METRES ON OCT 3
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 - 1979

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 1979

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

686.224

686.254

686.278

686.227

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 686.278 METRES ON AUG 15

MINIMUM OBSERVED DAILY WATER LEVEL, 686.224 METRES ON FEB 14
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 - 1979

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 1979

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							870.737			870.573			16
17													17
18													18
19													19
20													20
21													21
22							870.582						22
23													23
24													24
25													25
26													26
27													27
28													28
29							870.612						29
30													30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 870.737 METRES ON JUL 16
MINIMUM OBSERVED DAILY WATER LEVEL, 870.573 METRES ON OCT 15
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 - 1979

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 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1								786.817					1
2													2
3													3
4													4
5										786.753			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

786.899

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 786.899 METRES ON MAY 22
MINIMUM OBSERVED DAILY WATER LEVEL, 786.722 METRES ON FEB 8
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 - 1979

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

REMARKS: Geodetic Elevation verified November 1980.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

BEAUVAIS LAKE NEAR PINCHER CREEK

STATION NO. 05AA901

DAILY WATER LEVEL IN METRES FOR 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1							1367.695		1367.567	1367.452			1
2													2
3													3
4													4
5						1367.787							5
6								1367.598					6
7													7
8													8
9													9
10							1367.711		1367.543	1367.421			10
11													11
12						1367.769							12
13								1367.573					13
14													14
15													15
16							1367.665						16
17									1367.513				17
18						1367.750							18
19								1367.860					19
20													20
21													21
22													22
23					1367.845		1367.628		1367.482	1367.421			23
24						1367.726							24
25													25
26													26
27								1367.580					27
28					1367.802								28
29													29
30							1367.628			1367.421			30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 1367.860 METRES ON AUG 20
MINIMUM OBSERVED DAILY WATER LEVEL, 1367.421 METRES ON OCT 8
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 TYPE: Staff Gauge.

PERIOD OF RECORD: 1973- 1979

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

REMARKS: Geodetic Elevations verified in 1980.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

BEARTRAP LAKE NEAR GRANDE CENTRE

STATION NO. 06AC914

DAILY WATER LEVEL IN METRES FOR 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1							573.710						1
2										573.612			2
3													3
4													4
5													5
6						573.734							6
7													7
8													8
9		573.612											9
10													10
11													11
12													12
13													13
14													14
15						573.740				573.591			15
16							573.728						16
17								573.621					17
18									573.643				18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28						573.698							28
29									573.560				29
30													30
31							573.621						31
TOTAL													
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 573.740 METRES ON JUN 15

MINIMUM OBSERVED DAILY WATER LEVEL, 573.560 METRES ON SEP 29
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 - 1979

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 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1								29.886		29.800			1
2													2
3													3
4													4
5													5
6		29.745											6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15					29.941								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 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 29.941 METRES ON MAY 15

MINIMUM OBSERVED DAILY WATER LEVEL, 29.745 METRES ON FEB 6
WATER LEVELS ARE REFERRED TO ASSUMED DATUM

LAKE - STATION DESCRIPTION

STATION NAME: BEAVERDAM LAKE near Cardston

STATION NUMBER: 05AE904

LOCATION: 2-27-W4

GAUGE TYPE: Staff Gauge

PERIOD OF RECORD: 1979

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

REMARKS: There is an outlet control structure on this lake (F.S.L.
= 1400.56 m.)

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

BEAVERDAM LAKE NEAR CARDSTON

STATION NO. 05AE904

DAILY WATER LEVEL IN METRES FOR 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1								30.008					1
2											29.688		2
3													3
4													4
5													5
6									29.812				6
7													7
8													8
9													9
10										29.718			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					30.251								TOTAL

30.251

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 30.251 METRES ON MAY 30
MINIMUM OBSERVED DAILY WATER LEVEL, 29.688 METRES ON NOV 5
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 Ryley.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1968 - 1979

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 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1								668.710					1
2										668.554			2
3													3
4													4
5		668.509											5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15					668.725								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 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 668.725 METRES ON MAY 14

MINIMUM OBSERVED DAILY WATER LEVEL, 668.509 METRES ON FEB 5

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 - 1979

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 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1								29.825		29.825			1
2													2
3													3
4													4
5											29.840		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					30.434								23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL

30.145

30.105

30.434

29.840

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 30.434 METRES ON MAY 23

MINIMUM OBSERVED DAILY WATER LEVEL, 29.825 METRES ON AUG 2
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 - 1979

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 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1					600.563								1
2					600.493					599.660			2
3					600.435								3
4					600.371								4
5				600.139				600.069					5
6		600.093			600.157								6
7					600.108								7
8					600.063								8
9					600.054								9
10				600.160									10
11				600.215	600.035								11
12				600.264									12
13					600.048								13
14					600.035								14
15													15
16					600.005								16
17				600.459	600.020								17
18				600.544	600.011								18
19				600.596									19
20				600.627									20
21													21
22					599.938								22
23				600.819									23
24				600.837	599.920								24
25				600.806	599.904								25
26													26
27				600.785									27
28				600.758	599.880								28
29													29
30				600.621									30
31					599.855								31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 600.837 METRES ON APR 24
MINIMUM OBSERVED DAILY WATER LEVEL, 599.660 METRES ON OCT 1
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 - 1979

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)

DAILY WATER LEVEL IN METRES FOR 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1					882.258	882.042	881.789	881.513	881.281				1
2					882.252	882.034	881.781	881.503	881.280 A				2
3					882.247	882.028	881.786	881.490					3
4					882.240	882.018	881.783	881.490					4
5					882.236	882.010	881.774	881.486					5
6					882.230	882.007	881.764	881.482					6
7					882.221	882.008	881.755	881.477					7
8					882.215	881.998	881.746	881.467					8
9					882.210	881.987	881.735	881.457					9
10					882.205	881.981	881.725	881.452					10
11					882.198	881.978	881.716	881.449					11
12					882.192	881.970	881.705	881.443					12
13					882.184	881.962	881.693	881.434					13
14					882.177	881.952	881.683	881.427					14
15					882.172	881.944	881.676	881.419					15
16					882.165	881.935	881.666	881.410					16
17					882.159	881.927	881.657	881.402					17
18					882.154	881.922	881.647	881.394					18
19					882.147	881.917	881.639	881.386					19
20					882.140	881.915	881.633	881.377					20
21					882.132	881.898	881.624	881.367					21
22					882.124	881.865	881.614	881.359					22
23					882.115	881.866	881.605	881.351					23
24					882.105	881.868	881.598	881.339					24
25					882.095	881.864	881.595	881.321					25
26					882.086	881.856	881.585	881.302					26
27					882.074	881.850	881.570	881.289					27
28					882.067	881.838	881.557	881.285					28
29					882.057	881.825	881.544	881.284					29
30					882.046	881.813	881.537	881.283					30
31					882.265	881.801	881.524		880.979 A				31
TOTAL					26464.903	27339.879	27331.706	26442.138					TOTAL
MEAN					882.163	881.932	881.668	881.405					MEAN
MAX					882.258	882.042	881.789	881.513					MAX
MIN					882.046	881.801	881.524	881.283					MIN

SUMMARY FOR THE YEAR 1979

MAXIMUM DAILY WATER LEVEL, 882.271 METRES ON MAY 29

A-MANUAL GAUGE

MINIMUM DAILY WATER LEVEL, 880.979 METRES ON OCT 30
MAXIMUM INSTANTANEOUS WATER LEVEL, METRES AT
WATER LEVELS ARE REFERRED TO GEODETIC

ON

LAKE - STATION DESCRIPTION

STATION NAME: BIG HAY LAKE near Hay Lakes

STATION NUMBER: 05FA905

LOCATION: 48-22-W4 - 4.5 miles West and 1.25 miles South of the town of Hay Lakes.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1979

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

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

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

BIG HAY LAKE NEAR HAY LAKES

STATION NO. 05FA905

DAILY WATER LEVEL IN METRES FOR 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1								30.270					1
2										30.017			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

30.154

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 30.270 METRES ON AUG 2
MINIMUM OBSERVED DAILY WATER LEVEL, 30.017 METRES ON OCT 4
WATER LEVELS ARE REFERRED TO ASSUMED DATUM

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 - 1979

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 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1					651.306								1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9								650.714					9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17										650.556			17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25					650.909								25
26													26
27													27
28													28
29													29
30													30
31					650.849					650.483			31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 651.306 METRES ON MAY 3

MINIMUM OBSERVED DAILY WATER LEVEL, 650.483 METRES ON OCT 30
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 - 1979

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 1979

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								682.685					15
16													16
17										682.468			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	682.529				682.670								TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 682.685 METRES ON AUG 14

MINIMUM OBSERVED DAILY WATER LEVEL, 682.468 METRES ON OCT 17
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 - 1979

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 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1										640.168			1
2													2
3													3
4													4
5													5
6		640.053											6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14					640.382								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										640.321			TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 640.382 METRES ON MAY 14
MINIMUM OBSERVED DAILY WATER LEVEL, 640.053 METRES ON FEB 7
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; 1979

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 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1								27.209					1
2													2
3													3
4													4
5										26.752			5
6													6
7													7
8													8
9													9
10		26.621											10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18					26.889								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 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 27.209 METRES ON AUG 2

MINIMUM OBSERVED DAILY WATER LEVEL, 26.621 METRES ON FEB 9
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 - 1979

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

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

BLACKMUD LAKE AT MARLBORO

STATION NO. 07AF901

DAILY WATER LEVEL IN METRES FOR 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						962.729			962.415				1
2													2
3													3
4								962.601					4
5													5
6							962.644						6
7													7
8									962.397				8
9					962.732								9
10													10
11								962.574					11
12													12
13													13
14							962.689						14
15													15
16						962.726				962.336			16
17													17
18						962.699							18
19								962.528					19
20		962.644											20
21							962.656						21
22													22
23						962.769							23
24								962.464					24
25													25
26													26
27													27
28													28
29					962.680								29
30						962.674							30
31							962.638						31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 962.769 METRES ON JUN 23

MINIMUM OBSERVED DAILY WATER LEVEL, 962.336 METRES ON OCT 16
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 - 1979

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 1979

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
		639.425											
16													16
17													17
18													18
19													19
20													20
										639.339			
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 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 639.583 METRES ON JUN 8

MINIMUM OBSERVED DAILY WATER LEVEL, 639.339 METRES ON OCT 18
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 - 1979

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 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1					881.817	881.817	881.808	881.744	881.661	881.576	881.527		1
2					881.817	881.817	881.808	881.738	881.658	881.570	881.524		2
3					881.817	881.817	881.808	881.735	881.655	881.567	881.521		3
4					881.814	881.814	881.795	881.741	881.652	881.527	881.518		4
5					881.814	881.814	881.795	881.738	881.649	881.552	881.512		5
6					881.814	881.814	881.789	881.731	881.643	881.546	881.509		6
7					881.820	881.820	881.789	881.731	881.637	881.552	881.506		7
8	881.570				881.820	881.820	881.786	881.759	881.631	881.546	881.503		8
9					881.817	881.817	881.786	881.756	881.631	881.542	881.500		9
10					881.817	881.817	881.783	881.756	881.625	881.539	881.497		10
11					881.820	881.820	881.783	881.753	881.631	881.552	881.494		11
12					881.820	881.820	881.789	881.750	881.634	881.561	881.491		12
13					881.820	881.820	881.789	881.744	881.631	881.558	881.491		13
14					881.823	881.823	881.795	881.738	881.631	881.555	881.488		14
15					881.823	881.823	881.795	881.728	881.628	881.564	881.485		15
16					881.802	881.823	881.792	881.725	881.622	881.561	881.485		16
17					881.799	881.829	881.789	881.719	881.616	881.564	881.485		17
18					881.808	881.826	881.786	881.713	881.613	881.567	881.485		18
19					881.814	881.823	881.783	881.707	881.622	881.561	881.485		19
20					881.817	881.823	881.780	881.704	881.619	881.555	881.482		20
21					881.820	881.823	881.777	881.701	881.616	881.552	881.482		21
22					881.823	881.823	881.771	881.698	881.613	881.546	881.482		22
23					881.823	881.826	881.765	881.695	881.610	881.542	881.482		23
24					881.826	881.829	881.759	881.692	881.606	881.539	881.482		24
25					881.832	881.832	881.753	881.689	881.603	881.536	881.482		25
26					881.823	881.832	881.750	881.683	881.600	881.536	881.482		26
27					881.823	881.829	881.750	881.677	881.597	881.539	881.482		27
28					881.823	881.826	881.747	881.671	881.594	881.539	881.482		28
29					881.820	881.820	881.747	881.667	881.588	881.536	881.482		29
30					881.820	881.814	881.753	881.667	881.582	881.533	881.482		30
31					881.820	881.814	881.750	881.664	881.582	881.530	881.482		31
TOTAL					26454.651	27335.157	27333.214	26448.698	27328.043	26444.808			TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 881.832 METRES ON JUN 25

MINIMUM OBSERVED DAILY WATER LEVEL, 881.482 METRES ON NOV 20
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 - 1979

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. 07GEE901

DAILY WATER LEVEL IN METRES FOR 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1												730.264	1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9	730.276												9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21								730.432					21
22													22
23													23
24													24
25							730.508						25
26													26
27						730.532							27
28													28
29													29
30													30
31					730.590								31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 730.590 METRES ON MAY 30

MINIMUM OBSERVED DAILY WATER LEVEL, 730.264 METRES ON DEC 6
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 - 1979

HYDROGRAPHIC SURVEY MAP AVAILABLE: YES/NO

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 STEITLER

STATION NO. 05CD901

DAILY WATER LEVEL IN METRES FOR 1979

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

780.690

780.684

780.407

MEAN
MAX
MIN
TOTAL

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 780.706 METRES ON FEB 9

MINIMUM OBSERVED DAILY WATER LEVEL, 780.407 METRES ON OCT 31
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 - 1979

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 1979

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		1186.135											15
16													16
17					1186.178								17
18													18
19										1185.958			19
20													20
21													21
22													22
23													23
24													24
25						1186.013							25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 1186.178 METRES ON MAY 17
MINIMUM OBSERVED DAILY WATER LEVEL, 1185.958 METRES ON OCT 18
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 - 1979

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

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

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 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 634.938 METRES ON JUN 8

MINIMUM OBSERVED DAILY WATER LEVEL, 634.664 METRES ON OCT 18

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 - 1979

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 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1										693.173			1
2													2
3													3
4													4
5													5
6					693.124								6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15					693.249								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

693.292

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 693.292 METRES ON JUL 31

MINIMUM OBSERVED DAILY WATER LEVEL, 693.124 METRES ON FEB 7
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

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 - 1979

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 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1					644.606	644.573	644.524	644.384	644.362				1
2					644.573	644.524	644.384	644.362					2
3					644.588	644.527	644.414						3
4					644.621	644.524	644.414						4
5					644.618	644.521	644.417						5
6					644.621	644.600	644.515	644.387					6
7					644.618	644.600	644.518	644.387					7
8					644.618	644.585	644.509	644.387					8
9					644.615	644.585	644.509	644.402					9
10					644.615	644.585	644.426						10
11					644.585	644.579	644.387	644.350					11
12					644.612	644.579	644.390						12
13					644.646	644.631	644.390						13
14					644.582		644.390						14
15					644.442	644.582	644.390						15
16						644.579	644.390						16
17						644.579	644.390						17
18						644.579	644.393						18
19						644.576	644.393						19
20						644.573	644.393						20
21						644.454	644.393						21
22						644.442	644.393						22
23						644.442	644.393						23
24						644.442	644.384						24
25						644.411	644.362						25
26						644.411	644.381						26
27						644.411	644.362						27
28						644.414	644.362						28
29						644.414	644.362						29
30						644.399	644.362						30
31						644.384							31
TOTAL						19331.674							TOTAL

MEAN 644.389
MAX 644.426
MIN 644.362

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 644.646 METRES ON JUN 13
MINIMUM OBSERVED DAILY WATER LEVEL, 644.280 METRES ON NOV 30
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 - 1979

HYDROGRAPHIC SURVEY MAP AVAILABLE: YES/NO

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

CARSON LAKE NEAR WHITECOURT

STATION NO. 07AH901

DAILY WATER LEVEL IN METRES FOR 1979

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

852.736

853.803

854.172

854.245

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 854.245 METRES ON OCT 16

MINIMUM OBSERVED DAILY WATER LEVEL, 852.736 METRES ON JAN 30
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 - 1979

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 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1										26.475			1
2													2
3													3
4													4
5													5
6						28.666							6
7													7
8									27.219		26.944		8
9													9
10							28.386	27.402					10
11													11
12													12
13													13
14													14
15					28.804								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 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 28.804 METRES ON MAY 15

MINIMUM OBSERVED DAILY WATER LEVEL, 26.475 METRES ON OCT 3
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 - 1979

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

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

CHAPELL LAKE NEAR ASHMONT

STATION NO. 06AA903

DAILY WATER LEVEL IN METRES FOR 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1										615.089			1
2													2
3													3
4													4
5													5
6					615.394								6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14		615.403											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 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 615.403 METRES ON FEB 14
MINIMUM OBSERVED DAILY WATER LEVEL, 615.089 METRES ON OCT 5
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 - 1979

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.)

DAILY WATER LEVEL IN METRES FOR 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1										548.841			1
2													2
3													3
4													4
5													5
6						548.978							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								548.847					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 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 548.978 METRES ON JUN 6
MINIMUM OBSERVED DAILY WATER LEVEL, 548.841 METRES ON OCT 4
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.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1968 - 1979

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

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

CHICKAKOO LAKE NEAR STONY PLAIN

STATION NO. 05EA904

DAILY WATER LEVEL IN METRES FOR 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1		735.897											1
2											736.830		2
3													3
4													4
5													5
6													6
7								737.061					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

736.723

737.061

736.830

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 737.061 METRES ON AUG 7
MINIMUM OBSERVED DAILY WATER LEVEL, 735.897 METRES ON FEB 1
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 - 1979

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 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1										622.356			1
2													2
3													3
4													4
5													5
6		622.359				622.499							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								622.423					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 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 622.499 METRES ON JUN 7
MINIMUM OBSERVED DAILY WATER LEVEL, 622.356 METRES ON OCT 3
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 - 1979

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 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1										672.764			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	673.035												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					673.056								
MEAN													
MAX													
MIN													

672.883

672.971

673.004

672.764

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 673.056 METRES ON MAY 31
MINIMUM OBSERVED DAILY WATER LEVEL, 672.764 METRES ON OCT 1
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

MEAN
MAX
MIN

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 - 1979

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. 07CA903

DAILY WATER LEVEL IN METRES FOR 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1										567.053			1
2													2
3													3
4													4
5													5
6		567.138				567.272							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								567.086					22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
AL													TOTAL
N													MEAN
													MAX
													MIN

YEAR FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 567.272 METRES ON JUN 5

MINIMUM OBSERVED DAILY WATER LEVEL, 567.053 METRES ON OCT 2
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

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 - 1979

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 1979

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									963.540		963.351		6
7													7
8													8
9													9
10								963.909					10
11													11
12													12
13													13
14													14
15													15
16										963.415			16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24					963.918								24
25													25
26													26
27						963.759							27
28													28
29													29
30													30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 963.918 METRES ON MAY 24
MINIMUM OBSERVED DAILY WATER LEVEL, 963.351 METRES ON NOV 6
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 - 1979

HYDROGRAPHIC SURVEY MAP AVAILABLE: YES/NO

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

COW LAKE NEAR ROCKY MOUNTAIN HOUSE

STATION NO. 05DC902

DAILY WATER LEVEL IN METRES FOR 1979

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

1035.427

1035.482

1035.290

1035.284

TOTAL

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 1035.482 METRES ON MAY 17

MINIMUM OBSERVED DAILY WATER LEVEL, 1035.284 METRES ON OCT 18
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 - 1979

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/~~NO~~

REMARKS:

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						966.758							1
2						966.758							2
3													3
4						966.752							4
5													5
6						966.749							6
7													7
8						966.746							8
9						966.746							9
10													10
11													11
12													12
13													13
14													14
15						966.740							15
16					966.783	966.740							16
17					966.798	966.740							17
18					966.792	966.743				966.566			18
19					966.795	966.743							19
20					966.795	966.743							20
21					966.795	966.740							21
22					966.795	966.740							22
23					966.795	966.740							23
24						966.737				966.664			24
25					966.792	966.731							25
26					966.789	966.728							26
27					966.786	966.725							27
28					966.783	966.725							28
29					966.780								29
30					966.777								30
31					966.768								31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

MEAN
MAX
MIN

TOTAL

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 966.798 METRES ON MAY 17
MINIMUM OBSERVED DAILY WATER LEVEL, 966.566 METRES ON OCT 18
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 - 1979

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 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1					28.596			28.493		28.477			1
2									28.541				2
3													3
4													4
5													5
6											28.474		6
7						28.438							7
8													8
9													9
10							28.526						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													28.474
MEAN													28.474
MAX													28.474
MIN													28.474

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 28.596 METRES ON MAY 2

MINIMUM OBSERVED DAILY WATER LEVEL, 28.438 METRES ON JUN 7
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 - 1979

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 1979

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

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 681.706 METRES ON MAY 31
MINIMUM OBSERVED DAILY WATER LEVEL, 681.429 METRES ON NOV 29
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 - 1979

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 1979

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	716.097												17
18												716.128	18
19													19
20													20
21								716.256					21
22													22
23													23
24													24
25													25
26													26
27						716.338	716.329						27
28												716.228	28
29													29
30													30
31					716.368								31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 716.368 METRES ON MAY 30

MINIMUM OBSERVED DAILY WATER LEVEL, 716.097 METRES ON JAN 17

WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: CYGNET LAKE near Sylvan Lake

STATION NUMBER: 05CC901

LOCATION: 38-28-W4 - 5 miles East and 2 miles South of Sylvan Lake.

GAUGE TYPE: Recording.

PERIOD OF RECORD: 1979

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." The Cygnet Lake Drainage District has a stabilization structure on this lake. This steel sheet pile structure was constructed in 1975. (F.S.L. = 931.47 metres.)

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

CYCHNET LAKE NEAR SYLVAN LAKE

STATION NO. 05CC901

DAILY WATER LEVEL IN METRES FOR 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						931.436	931.322	931.172	931.021 E	930.325			1
2						931.434	931.310	931.165	931.015 E	930.822			2
3						931.439	931.314	931.167	931.008 E	930.817			3
4						931.424	931.309	931.189	930.999 E	930.808			4
5						931.439	931.295	931.187	930.993 E	930.794			5
6						931.478	931.308	931.185	930.984 E	930.787			6
7						931.429	931.323	931.179	930.975 E	930.804			7
8						931.413	931.318	931.173	930.969 E	930.812			8
9						931.402	931.307	931.169	930.960 E	930.805			9
10						931.395	931.296	931.164	930.954 E	930.798			10
11						931.402	931.314	931.160	930.944 E	930.800			11
12						931.394	931.350	931.159	930.935 A	930.802			12
13						931.439	931.360	931.153	930.929	930.797			13
14						931.432	931.372	931.150	930.921	930.795			14
15					931.557 A	931.392	931.328	931.146	930.912	930.805			15
16					931.551 A	931.372	931.301	931.143	930.903	930.796			16
17					931.555	931.375	931.293	931.141	930.896	930.861			17
18					931.556	931.383	931.286	931.130 E	930.889	931.099			18
19					931.546	931.397	931.281	931.124 E	930.830	931.096			19
20					931.547	931.390	931.275	931.115 E	930.871	931.180			20
21					931.516	931.384	931.267	931.109 E	930.865	931.212			21
22					931.508	931.371	931.272	931.100 E	930.865	931.218			22
23					931.512	931.368	931.271	931.091 E	930.859	931.242			23
24					931.469	931.374	931.267	931.085 E	930.854	931.236			24
25					931.463	931.358	931.259	931.079 E	930.850	931.210			25
26					931.462	931.348	931.245	931.069 E	930.845	931.264			26
27					931.454	931.333	931.232	931.063 E	930.841	931.267			27
28					931.448	931.333	931.221	931.054 E	930.838	931.267			28
29					931.444	931.321	931.211	931.048 E	930.832	930.960 A			29
30					931.746 A	931.308	931.201	931.039 E	930.828	930.960 E			30
31					931.429		931.186	931.030 E		930.960 E			31
TOTAL					27941.763	28869.894	28864.938	27927.435	28859.899				

MEAN
MAX
MIN

UMMARY FOR THE YEAR 1979

MAXIMUM DAILY WATER LEVEL, 931.746 METRES ON MAY 30

A-MANUAL GAUGE

MINIMUM DAILY WATER LEVEL, 930.787 METRES ON OCT 6

E-ESTIMATED

MAXIMUM INSTANTANEOUS WATER LEVEL, METRES AT

ON

WATER LEVELS ARE REFERRED TO GEODETIC

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.

: .OD OF RECORD: 1974 - 1979

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 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1										604.348			1
2													2
3													3
4		604.284				604.488							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								604.324					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 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 604.488 METRES ON JUN 4
MINIMUM OBSERVED DAILY WATER LEVEL, 604.284 METRES ON FEB 5
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 - 1979

HYDROGRAPHIC SURVEY MAP AVAILABLE: YES/NO

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

DEEP LAKE NEAR GRANDE PRAIRIE

STATION NO. 07GE905

DAILY WATER LEVEL IN METRES FOR 1979

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	711.912												10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18												711.952	18
19													19
20													20
21													21
22								712.043					22
23													23
24													24
25													25
26													26
27						712.162	712.126						27
28													28
29													29
30													30
31						712.183							31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 712.183 METRES ON MAY 30
MINIMUM OBSERVED DAILY WATER LEVEL, 711.912 METRES ON JAN 10
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 - 1979

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 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1					620.789	620.820	620.820	620.759	620.682	620.561			1
2					620.792	620.820	620.820	620.759	620.679	620.561			2
3					620.792	620.820	620.820	620.759	620.679	620.561			3
4					620.795	620.823	620.740	620.649	620.558				4
5					620.807	620.823	620.740	620.649	620.558				5
6					620.807	620.823	620.740	620.646	620.558				6
7					620.807	620.823	620.737	620.646	620.558				7
8					620.810	620.810	620.734	620.622	620.554				8
9					620.810	620.795	620.731	620.615	620.554				9
10					620.810	620.795	620.731	620.615	620.554				10
11					620.814	620.798	620.731	620.615	620.554				11
12					620.810	620.798	620.728	620.615	620.548				12
13					620.810	620.798	620.725	620.615	620.548				13
14					620.798	620.801	620.701	620.612	620.548				14
15					620.801	620.801	620.701	620.612	620.548				15
16	620.695				620.801	620.801	620.701	620.612					16
17					620.801	620.804	620.698	620.603					17
18					620.804	620.804	620.698	620.603					18
19					620.804	620.801	620.698	620.603					19
20					620.804	620.801	620.695	620.579					20
21					620.807	620.804	620.692	620.579					21
22					620.807	620.804	620.692	620.576					22
23					620.789	620.801	620.692	620.576					23
24					620.783	620.807	620.692	620.576					24
25					620.786	620.807	620.689	620.573					25
26					620.807	620.783	620.689	620.570					26
27					620.786	620.795	620.780	620.686	620.570				27
28					620.786	620.786	620.686	620.570					28
29					620.789	620.786	620.777	620.682	620.567				29
30					620.789	620.817	620.777	620.682	620.561				30
31					620.789	620.817	620.777	620.682					31
TOTAL					18624.089	19244.799	19242.076	18618.312					
MEAN					620.803	620.800	620.712	620.610					
MAX					620.817	620.823	620.759	620.682					
MIN					620.786	620.777	620.682	620.561					

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 620.823 METRES ON JUL 4

MINIMUM OBSERVED DAILY WATER LEVEL, 620.509 METRES ON NOV 7
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 - 1979

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 1979

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												682.862	6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17	682.910												17
18													18
19													19
20													20
21								682.910					21
22													22
23													23
24													24
25													25
26													26
27													27
28						683.084			682.996				28
29													29
30													30
31									682.849				31
TOTAL					683.230								TOTAL

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 683.230 METRES ON MAY 31
MINIMUM OBSERVED DAILY WATER LEVEL, 682.849 METRES ON SEP 27
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 - 1979

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 1979

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

790.804

791.060

DRY

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 791.060 METRES ON JUL 26
MINIMUM DAILY WATER LEVEL, DRY ON NOV 8
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 - 1979

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 CAMROSE

STATION NO. 05FA907

DAILY WATER LEVEL IN METRES FOR 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5										684.419			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

684.785

684.532

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 684.785 METRES ON MAY 18
MINIMUM OBSERVED DAILY WATER LEVEL, 684.419 METRES ON OCT 4
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 - 1979

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.)

DAILY WATER LEVEL IN METRES FOR 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1					684.716	684.538	684.521	684.442	684.449				1
2					684.714	684.523	684.514	684.428	684.432				2
3					684.701	684.528	684.511	684.439	684.438				3
4					684.678	684.521	684.507	684.448	684.465				4
5					684.696	684.512	684.507	684.429	684.432				5
6					684.720	684.516	684.506	684.413	684.434				6
7					684.672	684.534	684.502	684.434	684.444				7
8					684.658	684.533	684.510	684.409	684.444				8
9					684.651	684.528	684.512	684.441	684.427				9
10					684.642	684.533	684.504	684.449	684.455				10
11					684.632	684.545	684.508	684.467	684.437				11
12					684.628	684.568	684.504	684.446	684.417				12
13					684.646	684.593	684.491	684.435	684.420				13
14					684.639	684.574	684.472	684.443	684.432				14
15					684.598	684.550	684.487	684.448	684.457				15
16					684.591	684.532	684.491	684.459	684.406				16
17					684.583	684.536	684.485	684.452	684.421				17
18					684.584	684.533	684.483	684.446	684.411				18
19					684.825	684.601	684.481	684.455	684.408				19
20					684.789	684.582	684.483	684.442	684.413				20
21					684.808	684.577	684.519	684.478	684.453				21
22					684.776	684.572	684.533	684.466	684.463				22
23					684.730	684.562	684.526	684.479	684.469				23
24					684.781	684.570	684.470	684.469	684.383				24
25					684.773	684.555	684.515	684.461	684.451				25
26					684.732	684.540	684.509	684.457	684.463				26
27					684.764	684.526	684.509	684.459	684.451				27
28					684.762	684.532	684.507	684.461	684.477				28
29					684.741	684.521	684.450	684.445					29
30					684.724	684.510	684.448	684.463					30
31					684.709	684.508	684.457						31
TOTAL					20538.397	21220.428	21219.065	20533.429					

MEAN	684.613	684.530	684.436	684.448									
MAX	684.720	684.593	684.521	684.477									
MIN	684.510	684.507	684.448	684.409									

SUMMARY FOR THE YEAR 1979

MAXIMUM DAILY WATER LEVEL, 684.837 METRES ON MAY 18

A-MANUAL GAUGE

MINIMUM DAILY WATER LEVEL, 684.365 METRES ON OCT 22
MAXIMUM INSTANTANEOUS WATER LEVEL, METRES AT
WATER LEVELS ARE REFERRED TO GEODETIC

ON

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 - 1979

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/NO

REMARKS: Geodetic Elevation verified April 1978.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

EARLIE LAKE NEAR KITSCOTY

STATION NO. 05FEE903

DAILY WATER LEVEL IN METRES FOR 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1										652.580			1
2													2
3													3
4													4
5													5
6		652.507											6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15					652.647								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 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 652.708 METRES ON JUL 31
MINIMUM OBSERVED DAILY WATER LEVEL, 652.507 METRES ON FEB 7
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 - 1979

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 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1					1081.132			1081.156	1080.952				1
2													2
3													3
4													4
5													5
6							1081.162			1081.107			6
7									1080.961				7
8						1081.132							8
9													9
10													10
11							1081.141						11
12													12
13						1081.190			1081.107				13
14													14
15													15
16					1081.159					1081.113			16
17							1081.174						17
18								1081.074					18
19													19
20		1081.055											20
21							1081.183						21
22						1081.159			1081.116				22
23													23
24								1081.004					24
25													25
26													26
27													27
28													28
29					1081.113								29
30						1081.153	1081.174		1081.104				30
31													31
TOTAL													
MEAN													
MAX													
MIN													

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 1081.190 METRES ON JUL 14

MINIMUM OBSERVED DAILY WATER LEVEL, 1080.952 METRES ON SEP 1
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 - 1979

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 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1		735.303											1
2											735.412		2
3													3
4													4
5													5
6								735.562					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					735.668								28
29													29
30													30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

OTAL
EAN
AX
IN

UNMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 735.668 METRES ON MAY 28
MINIMUM OBSERVED DAILY WATER LEVEL, 735.303 METRES ON FEB 1
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 - 1979

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 1979

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 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 1226.253 METRES ON MAY 15

MINIMUM OBSERVED DAILY WATER LEVEL, 1225.802 METRES ON NOV 6
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 - 1979

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. 06AC504

DAILY WATER LEVEL IN METRES FOR 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1								540.861	540.785	540.682	540.599		1
2								540.855	540.782		540.599		2
3										540.676	540.593		3
4									540.810		540.587		4
5													5
6					540.877	540.877	540.877	540.852	540.797	540.648			6
7					540.883	540.883		540.852	540.810				7
8		540.703											8
9													9
10						540.868	540.874						10
11						540.871		540.874	540.800	540.645			11
12						540.865		540.858	540.785				12
13						540.858			540.776				13
14						540.877	540.880	540.849	540.767	540.639			14
15						540.877		540.846					15
16						540.877	540.883	540.834	540.758	540.621			16
17						540.877				540.618		540.715	17
18								540.828	540.718				18
19						540.877		540.828	540.715	540.627			19
20													20
21						540.874	540.877		540.718				21
22								540.819	540.740				22
23							540.874	540.819	540.709	540.618			23
24								540.810		540.605			24
25						540.868		540.800	540.697				25
26													26
27						540.871	540.871	540.791	540.691	540.608			27
28						540.871		540.788	540.691				28
29						540.868	540.865	540.797		540.605			29
30						540.865		540.791	540.691	540.605			30
31							540.861	540.791		540.602			31
TOTAL													
MEAN													
MAX													
MIN													

MEAN
MAX
MIN
TOTAL

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 540.883 METRES ON JUN 7

MINIMUM OBSERVED DAILY WATER LEVEL, 540.587 METRES ON NOV 5

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 - 1979

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 1979

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

29.154

29.175

29.145

29.182

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 29.182 METRES ON MAY 31

MINIMUM OBSERVED DAILY WATER LEVEL, 29.145 METRES ON OCT 17
WATER LEVELS ARE REFERRED TO ASSUMED DATUM

MEAN
MAX
MIN

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 - 1979

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 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1										670.560			1
2													2
3													3
4													4
5									670.743				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								670.910					21
22													22
23													23
24													24
25							671.279						25
26					671.273								26
27													27
28													28
29													29
30													30
31					671.456						670.645		31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 671.456 METRES ON MAY 30
MINIMUM OBSERVED DAILY WATER LEVEL, 670.560 METRES ON OCT 1
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 - 1979

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 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						29.876		30.062	29.925				1
2													2
3													3
4													4
5													5
6							29.870			29.678			6
7													7
8						29.876			29.822				8
9													9
10													10
11								29.974					11
12													12
13						29.965							13
14										29.709			14
15													15
16						29.898							16
17													17
18							29.919	29.956					18
19													19
20													20
21							30.157		29.816				21
22						29.931							22
23													23
24								29.937					24
25													25
26													26
27													27
28							30.120						28
29						29.876			29.730				29
30													30
31													31
TOTAL					29.846								

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 30.157 METRES ON JUL 21
MINIMUM OBSERVED DAILY WATER LEVEL, 29.617 METRES ON FEB 22
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 - 1979

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 1979

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

1336.761

1336.813

1336.703

1336.673

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 1336.813 METRES ON MAY 16

MINIMUM OBSERVED DAILY WATER LEVEL, 1336.673 METRES ON OCT 17
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

MEAN
MAX
MIN

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 - 1979

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. 07CA905

DAILY WATER LEVEL IN METRES FOR 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1										587.651			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								587.883					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 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 587.883 METRES ON AUG 22
MINIMUM OBSERVED DAILY WATER LEVEL, 587.651 METRES ON OCT 2
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 - 1979

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

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

FLOATINGSTONE LAKE NEAR SPEDDEN

STATION NO. 06AA904

DAILY WATER LEVEL IN METRES FOR 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5										602.483			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

602.830

602.736

602.861

602.861

602.483

602.480

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 602.861 METRES ON JUN 7

MINIMUM OBSERVED DAILY WATER LEVEL, 602.480 METRES ON FEB 14
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

MEAN
MAX
MIN

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 - 1979

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

STATION NO. 07GE908

DAILY WATER LEVEL IN METRES FOR 1979

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												650.650	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					651.141								
MEAN													
MAX													
MIN													

650.903

650.751

650.705

650.638

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 651.141 METRES ON MAY 31

MINIMUM OBSERVED DAILY WATER LEVEL, 650.638 METRES ON SEP 27
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 - 1979

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

DAILY WATER LEVEL IN METRES FOR 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1								588.005	587.792	587.883			1
2									587.731	587.874			2
3													3
4													4
5								587.990					5
6		587.990						587.990					6
7									587.929				7
8									587.913				8
9									587.907				9
10								587.987	587.913				10
11								587.990	587.907				11
12													12
13								587.974	587.907				13
14								587.968	587.907				14
15								587.950					15
16								587.950					16
17								587.959	587.907				17
18								587.950					18
19								587.950	587.907				19
20								587.944	587.907				20
21								587.944	587.907				21
22								587.941	587.907				22
23								587.938	587.907				23
24								587.938	587.907				24
25								587.938	587.907				25
26													26
27								587.929	587.907				27
28								587.920					28
29								587.920					29
30								587.852	587.898				30
31								587.852					31
TOTAL								588.017					
								588.020					

MEAN
MAX
MIN

UMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 588.096 METRES ON JUN 5
MINIMUM OBSERVED DAILY WATER LEVEL, 587.731 METRES ON SEP 2
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 - 1979

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 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						1108.667							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								1108.612					15
16													16
17										1108.411			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 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 1108.667 METRES ON JUN 4
MINIMUM OBSERVED DAILY WATER LEVEL, 1108.411 METRES ON OCT 16
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 - 1979

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 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1										574.186			1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
		573.951				574.222							11
11													12
12													13
13													14
14													15
15													16
16													17
17													18
18													19
19													20
20								574.264					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

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 574.264 METRES ON AUG 20
MINIMUM OBSERVED DAILY WATER LEVEL, 573.951 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 - 1979

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 1979

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 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 943.694 METRES ON OCT 19

MINIMUM OBSERVED DAILY WATER LEVEL, 943.319 METRES ON FEB 13
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 - 1979

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

REMARKS: Geodetic Elevation verified April 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 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 608.594 METRES ON JUN 8

MINIMUM OBSERVED DAILY WATER LEVEL, 608.298 METRES ON FEB 14

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 - 1979

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 1979

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									669.076				10
11										669.030			11
12						669.234							12
13							669.292						13
14								669.140					14
15					669.240								15
16													16
17													17
18													18
19													19
20													20
21			668.978										21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31											668.969		31
TOTAL													MEAN
													MAX
													MIN

MEAN
MAX
MIN
SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 669.292 METRES ON JUL 13
MINIMUM OBSERVED DAILY WATER LEVEL, 668.969 METRES ON NOV 30
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 - 1979

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. 07BE903

DAILY WATER LEVEL IN METRES FOR 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5						631.360							5
6													6
7													7
8													8
9								631.619					9
10													10
11													11
12													12
13													13
14													14
15													15
16										631.350			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

631.280

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 631.619 METRES ON AUG 8
MINIMUM OBSERVED DAILY WATER LEVEL, 631.280 METRES ON JAN 29
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 - 1979

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 1979

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

1346.838

1346.743

1346.664

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 1346.838 METRES ON MAY 16

MINIMUM OBSERVED DAILY WATER LEVEL, 1346.664 METRES ON JUL 24
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 - 1979

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 1979

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												770.223	6
7													7
8													8
9													9
10	770.138												10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21								770.510					21
22													22
23													23
24													24
25													25
26													26
27						770.647	770.580						27
28									770.452				28
29													29
30													30
31													31
TOTAL						770.827							TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 770.827 METRES ON MAY 31
MINIMUM OBSERVED DAILY WATER LEVEL, 770.138 METRES ON JAN 10
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 - 1979

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. 06AA907

DAILY WATER LEVEL IN METRES FOR 1979

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

580.860

581.095

580.952

580.741

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 581.095 METRES ON JUN 8

MINIMUM OBSERVED DAILY WATER LEVEL, 580.741 METRES ON OCT 18
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 - 1979

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 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						724.625		724.555	724.430				1
2													2
3													3
4													4
5										724.342			5
6							724.863		724.403				6
7													7
8								724.577					8
9								724.497					9
10													10
11													11
12										724.342			12
13													13
14													14
15													15
16						724.909		724.540	724.375				16
17													17
18								724.479		724.336			18
19													19
20						724.833							20
21							724.784	724.470	724.372				21
22													22
23						724.820							23
24								724.455					24
25													25
26													26
27													27
28							724.589		724.360				28
29													29
30													30
31						724.723							31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 724.909 METRES ON JUL 14
MINIMUM OBSERVED DAILY WATER LEVEL, 724.308 METRES ON JAN 30
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 - 1979

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 1979

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											695.922		8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16		695.858											16
17													17
18													18
19													19
20													20
21													21
22													22
23					696.075								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 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 696.075 METRES ON MAY 23

MINIMUM OBSERVED DAILY WATER LEVEL, 695.858 METRES ON FEB 16
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 - 1979

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 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1										1004.087			1
2													2
3													3
4													4
5													5
6													6
7													7
8		1004.045											8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16					1004.133								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							1004.151						TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 1004.151 METRES ON JUL 30

MINIMUM OBSERVED DAILY WATER LEVEL, 1004.045 METRES ON FEB 8
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 - 1979

HYDROGRAPHIC SURVEY MAP AVAILABLE: YES/NO

REMARKS: Lake elevation controlled.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

GRANDE CACHE LAKE NEAR GRANDE CACHE

STATION NO. 07GA901

DAILY WATER LEVEL IN METRES FOR 1979

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										1117.165			16
17													17
18							1117.177						18
19													19
20													20
21													21
22		1117.153											22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31					1117.278								31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 1117.278 METRES ON MAY 30
MINIMUM OBSERVED DAILY WATER LEVEL, 1117.153 METRES ON FEB 21
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 - 1979

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 1979

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

1148.121

1149.075

1149.062

1148.651

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 1149.075 METRES ON JUL 17

MINIMUM OBSERVED DAILY WATER LEVEL, 1148.121 METRES ON FEB 21
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 - 1979

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 1979

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								1138.830					8
9													9
10													10
11													11
12						1138.388							12
13													13
14							1138.919						14
15													15
16													16
17							1138.580			1138.425			17
18													18
19													19
20													20
21		1138.410											21
22						1138.394							22
23													23
24							1138.894	1138.894					24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL					1138.464								TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 1138.919 METRES ON JUL 14
MINIMUM OBSERVED DAILY WATER LEVEL, 1138.388 METRES ON JUN 12
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 - 1979

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 1979

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								669.390					9
10													10
11													11
12													12
13													13
14													14
15													15
		669.377											
16													16
17													17
18													18
19													19
20													20
										669.329			
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 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 669.390 METRES ON JUN 8
MINIMUM OBSERVED DAILY WATER LEVEL, 669.329 METRES ON OCT 18
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 - 1979

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 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1		728.432									728.393		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								728.527					20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL					728.633								TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 728.633 METRES ON MAY 28

MINIMUM OBSERVED DAILY WATER LEVEL, 728.393 METRES ON NOV 2
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 - 1979

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 1979

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	659.944												17
18													18
19													19
20													20
21													21
22								660.105					22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL					660.364								TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 660.364 METRES ON MAY 31
MINIMUM OBSERVED DAILY WATER LEVEL, 659.944 METRES ON JAN 17
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: HILDA LAKE near Cold Lake

STATION NUMBER: 06AC905

LOCATION: 64-3-W4 - 10 miles Northwest of Grande Centre.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1979

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

REMARKS: Water Survey of Canada station installed in 1980.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

HILDA LAKE NEAR COLD LAKE

STATION NO. 06AC905

DAILY WATER LEVEL IN METRES FOR 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2										547.622			2
3											547.594		3
4													4
5													5
6									547.622				6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15								547.649					15
16													16
17												547.451	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 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 547.649 METRES ON AUG 14

MINIMUM OBSERVED DAILY WATER LEVEL, 547.451 METRES ON DEC 17
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: HUBBLES LAKE near Stony Plain

STATION NUMBER: 05EA915

LOCATION: 53-1-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 - 1979

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 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1		728.835											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					729.045								TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 729.045 METRES ON MAY 28

MINIMUM OBSERVED DAILY WATER LEVEL, 728.835 METRES ON FEB 1
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.

GRADE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1975 - 1979

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 1979

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					662.230								TOTAL

662.169

662.132

662.074

662.004

661.998

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 662.230 METRES ON MAY 31

MINIMUM OBSERVED DAILY WATER LEVEL, 661.998 METRES ON DEC 18
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 - 1979

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. 07GG901

DAILY WATER LEVEL IN METRES FOR 1979

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	773.396												11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20								773.555					20
21													21
22													22
23													23
24													24
25							774.222		774.006				25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL					774.100						773.317		TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

MEAN
MAX
MIN

TOTAL
MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 774.222 METRES ON JUN 25

MINIMUM OBSERVED DAILY WATER LEVEL, 773.317 METRES ON NOV 28
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 - 1979

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

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

IRONWOOD LAKE NEAR LAC LA BICHE

STATION NO. 06AA908

DAILY WATER LEVEL IN METRES FOR 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2										22.787			2
3													3
4													4
5													5
6		22.811											6
7													7
8													8
9													9
10													10
11													11
12						22.884							12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21								22.842					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 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 22.884 METRES ON JUN 12
MINIMUM OBSERVED DAILY WATER LEVEL, 22.787 METRES ON OCT 3
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 - 1979

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/~~NO~~

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

ISLAND LAKE NEAR ATHABASCA

STATION NO. 07BE904

DAILY WATER LEVEL IN METRES FOR 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						601.572		601.596					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										601.471			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

601.395

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 601.596 METRES ON AUG 8

MINIMUM OBSERVED DAILY WATER LEVEL, 601.395 METRES ON JAN 29
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 - 1979

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 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1					729.975		729.862			729.804			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					730.005			729.981					15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23				729.831		729.892		729.950					23
24					729.996				729.834				24
25										729.868			25
26													26
27				729.947									27
28													28
29													29
30													30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

TOTAL
MEAN
MAX
MIN

TOTAL
MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 730.005 METRES ON MAY 15
MINIMUM OBSERVED DAILY WATER LEVEL, 729.804 METRES ON OCT 2
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 - 1979

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 1979

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

1141.851

1141.900

1141.893

1141.823

SUMMARY FOR THE YEAR 1979

MEAN
MAX
MIN

MAXIMUM OBSERVED DAILY WATER LEVEL, 1141.900 METRES ON MAY 16

MINIMUM OBSERVED DAILY WATER LEVEL, 1141.823 METRES ON OCT 18
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 - 1979

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 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1		729.670											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					729.880								TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 729.880 METRES ON MAY 28

MINIMUM OBSERVED DAILY WATER LEVEL, 729.670 METRES ON FEB 1
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 - 1979

HYDROGRAPHIC SURVEY MAP AVAILABLE: YES/NO

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

JARVIS LAKE NEAR HINTON

STATION NO. 07AC904

DAILY WATER LEVEL IN METRES FOR 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						1151.239		1151.269					1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10								1151.263					10
									1151.278				
11													11
12						1151.205							12
13													13
14							1151.275						14
15													15
16													16
17						1151.236		1151.260					17
18										1151.278			18
19													19
20													20
21		1151.138											21
22						1151.236							22
23													23
24													24
25								1151.303					25
26													26
27								1151.281					27
28													28
29													29
30													30
31													31
TOTAL					1151.242								TOTAL

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 1151.303 METRES ON AUG 24
MINIMUM OBSERVED DAILY WATER LEVEL, 1151.138 METRES ON FEB 21
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 - 1979

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/NO

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

DAILY WATER LEVEL IN METRES FOR 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						1374.876				1374.876			1
2						1374.876		1375.273		1375.120			2
3						1374.876		1375.212		1375.425			3
4						1374.876			1374.282	1375.547			4
5						1374.876	1375.547			1375.547			5
6					1375.151	1375.151	1375.547						6
7					1375.242	1375.242	1375.547	1375.212					7
8					1375.257	1375.257	1375.547						8
9							1375.532	1375.059		1375.547			9
10							1375.532		1374.023				10
11					1375.257	1375.257	1375.638			1375.547			11
12					1375.257	1375.257	1375.654			1375.547			12
13							1375.654	1375.029					13
14						1375.486							14
15						1375.608		1375.029		1375.501			15
16							1375.654						16
17							1375.654	1374.922					17
18						1375.638		1374.892					18
19						1375.638							19
20						1375.547	1375.638	1374.892		1375.486			20
21													21
22						1375.547		1374.892					22
23						1375.547							23
24							1375.638						24
25					1374.084	1375.547	1375.608	1374.892					25
26					1374.511								26
27						1375.547	1375.486						27
28					1374.755			1374.755					28
29					1374.846	1375.547		1374.587					29
30					1374.876		1375.486						30
31					1374.876			1374.328		1371.341			31

TOTAL

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 1375.654 METRES ON JUL 12
MINIMUM OBSERVED DAILY WATER LEVEL, 1371.341 METRES ON OCT 31
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 - 1979

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 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1							548.942		548.789	548.780			1
2													2
3						549.024				548.777			3
4													4
5													5
6						548.994		548.881					6
7													7
8		548.869			549.118		548.933		548.850	548.771			8
9													9
10													10
11						549.006							11
12						549.015							12
13								548.869					13
14					549.115					548.747			14
15													15
16							548.978						16
17						548.997			548.820				17
18								548.856					18
19								548.832		548.737			19
20													20
21													21
22													22
23													23
24						548.987		548.957	548.783				24
25													25
26													26
27							548.795						27
28													28
29													29
30						548.923				548.725			30
31													31
TOTAL													MEAN
													MAX
													MIN

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 549.118 METRES ON MAY 8
MINIMUM OBSERVED DAILY WATER LEVEL, 548.725 METRES ON OCT 29
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 - 1979

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 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1		722.007											1
2											721.846		2
3													3
4						722.102							4
5													5
6													6
7								722.044					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
TOTAL													MAX
TOTAL													MIN

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 722.102 METRES ON JUN 4
MINIMUM OBSERVED DAILY WATER LEVEL, 721.846 METRES ON NOV 2
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 - 1979

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 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1					759.452	759.452	759.430	759.461	759.391				1
2					759.449	759.449	759.430	759.455	759.391				2
3					759.446	759.446	759.446	759.452	759.388				3
4					759.443	759.449	759.449	759.449	759.385	759.232			4
5							759.446	759.446	759.385				5
6					759.437	759.437	759.446	759.440	759.382				6
7					759.440	759.440	759.476	759.437	759.379				7
8					759.437	759.437	759.467	759.446	759.391				8
9					759.434	759.434	759.461	759.455	759.394				9
10					759.430	759.430	759.455	759.452	759.391				10
11						759.430	759.443	759.449	759.385				11
12							759.455	759.452	759.382				12
13							759.473	759.446	759.379				13
14					759.430	759.430	759.485	759.443	759.373				14
15					759.440	759.440	759.498	759.437	759.370				15
16						759.443	759.494	759.434					16
17					759.403	759.446	759.488	759.430					17
18					759.501	759.449	759.491	759.427					18
19					759.498	759.452	759.488	759.424					19
20					759.494	759.455	759.485	759.421					20
21													21
22		759.488			759.491	759.461	759.476	759.418					22
23					759.488	759.461	759.470	759.412					23
24					759.485	759.452	759.467	759.409					24
25					759.482	759.449	759.464	759.406					25
26					759.473	759.446	759.458	759.400					26
27					759.479	759.446	759.452	759.397					27
28					759.467	759.434		759.397					28
29					759.461	759.424	759.461	759.397					29
30					759.458	759.415	759.473	759.394					30
31					759.455		759.467	759.394					31
TOTAL								23542.295					TOTAL

MEAN	759.429												MEAN
MAX	759.461												MAX
MIN	759.394												MIN

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 759.501 METRES ON MAY 18
MINIMUM OBSERVED DAILY WATER LEVEL, 759.232 METRES ON OCT 4
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 - 1979

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

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

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

KEHIWIN LAKE NEAR BONNYVILLE

STATION NO. 06AC907

DAILY WATER LEVEL IN METRES FOR 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1										539.496			1
2													2
3													3
4													4
5													5
6		539.450				539.630							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								539.557					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 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 539.630 METRES ON JUN 6
MINIMUM OBSERVED DAILY WATER LEVEL, 539.450 METRES ON FEB 7
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 - 1979

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 1979

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							1152.318			1152.190			17
18													18
19													19
20		1152.342											20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30					1152.382								30
31													31
TOTAL													
MEAN													
MAX													
MIN													

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 1152.382 METRES ON MAY 29
MINIMUM OBSERVED DAILY WATER LEVEL, 1152.190 METRES ON OCT 17
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 - 1979

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 1979

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												721.654	6
7													7
8													8
9	721.651												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						722.010							27
28													28
29													29
30													30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 722.202 METRES ON MAY 30
MINIMUM OBSERVED DAILY WATER LEVEL, 721.651 METRES ON JAN 9
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 - 1979

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 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1										30.312			1
2													2
3													3
4													4
5													5
6													6
7		30.102				30.343							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								30.401					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 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 30.401 METRES ON AUG 20
MINIMUM OBSERVED DAILY WATER LEVEL, 30.102 METRES ON FEB 7
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 - 1979

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 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1										644.451			1
2													2
3													3
4													4
5													5
6		644.518				644.658							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								644.533					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 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 644.658 METRES ON JUN 7
MINIMUM OBSERVED DAILY WATER LEVEL, 644.451 METRES ON OCT 4
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 - 1979

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 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1								607.762					1
2										607.582			2
3													3
4													4
5													5
6		607.741											6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15					607.975								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 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 607.975 METRES ON MAY 15
MINIMUM OBSERVED DAILY WATER LEVEL, 607.582 METRES ON OCT 1
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 - 1979

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 HEINSDURG

STATION NO. 05ED912

DAILY WATER LEVEL IN METRES FOR 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1										566.901			1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10		566.721				566.943							10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20								566.952					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 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 566.952 METRES ON AUG 20
MINIMUM OBSERVED DAILY WATER LEVEL, 566.721 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 - 1979

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

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

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

LAWRENCE LAKE NEAR ATHABASCA

STATION NO. 07BE905

DAILY WATER LEVEL IN METRES FOR 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						644.536							1
2													2
3													3
4													4
5													5
6													6
7													7
8								644.695					8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16										644.414			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 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 644.695 METRES ON AUG 8
MINIMUM OBSERVED DAILY WATER LEVEL, 644.286 METRES ON JAN 29
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: LEBEAUS LAKE near Westlock

STATION NUMBER: 07BE906

LOCATION: 61-25-W4 - North side of lake, 4 miles East and
 7 miles North of Westlock.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1979

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

REMARKS: There is an outlet control structure on this lake.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

LEBEAUS LAKE NEAR WESTLOCK

STATION NO. 07BE906

DAILY WATER LEVEL IN METRES FOR 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						626.132							1
2													2
3													3
4													4
5							626.047						5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16								626.102					16
17													17
18													18
19													19
20										625.879			20
21													21
22								626.026					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 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 626.132 METRES ON JUN 1
MINIMUM OBSERVED DAILY WATER LEVEL, 625.879 METRES ON OCT 15
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 - 1979

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 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1								28.602		28.459			1
2													2
3													3
4													4
5											28.462		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				28.874									20
21													21
22													22
23					28.935								23
24													24
25													25
26													26
27						28.791							27
28													28
29													29
30								28.569					30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 28.935 METRES ON MAY 23
MINIMUM OBSERVED DAILY WATER LEVEL, 28.459 METRES ON OCT 2
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 - 1979

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 1979

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	739.515				739.695			739.591		739.448			TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 739.695 METRES ON MAY 31
MINIMUM OBSERVED DAILY WATER LEVEL, 739.448 METRES ON OCT 17
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 - 1979

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 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1										28.352			1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10		28.261											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					28.541								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 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 28.541 METRES ON MAY 23

MINIMUM OBSERVED DAILY WATER LEVEL, 28.261 METRES ON FEB 9
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 - 1979

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 1979

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					988.799								TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 988.799 METRES ON MAY 24

MINIMUM OBSERVED DAILY WATER LEVEL, 988.268 METRES ON NOV 8
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 - 1979

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/~~NO~~

REMARKS:

DAILY WATER LEVEL IN METRES FOR 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1							620.881		620.771				1
2							620.865		620.862				2
3							620.881		620.856	620.783			3
4							620.881		620.847				4
5		620.884				620.850	620.881	620.844		620.771			5
6						620.850	620.884	620.847					6
7						620.865	620.890	620.841	620.765				7
8						620.862	620.896	620.823	620.765				8
9						620.862	620.896	620.817	620.771				9
10							620.896		620.777				10
11						620.862	620.917	620.807	620.783				11
12						620.862	620.935	620.807	620.789				12
13							620.987	620.801	620.792				13
14						620.847	621.006	620.859	620.798				14
15						620.865	621.012		620.801				15
16							621.012		620.801				16
17							621.015	620.792					17
18						620.838		620.792					18
19						620.847	621.015	620.786					19
20						620.850	621.015	620.786					20
21						620.847	621.006	620.780					21
22						620.844	621.006	620.783					22
23						620.847	621.009	620.780					23
24						620.850	620.978	620.777					24
25								620.783					25
26						620.841	620.954	620.771					26
27							620.939	620.771					27
28						620.847	620.923						28
29						620.844	620.923						29
30						620.850	620.920	620.771					30
31							620.914	620.774					31
TOTAL													

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 621.015 METRES ON JUL 17
MINIMUM OBSERVED DAILY WATER LEVEL, 620.765 METRES ON SEP 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 - 1979

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. 07AG902

DAILY WATER LEVEL IN METRES FOR 1979

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							25.631			25.554			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

26.155

25.798

25.631

25.554

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 26.155 METRES ON FEB 22
MINIMUM OBSERVED DAILY WATER LEVEL, 25.554 METRES ON OCT 15
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 - 1979

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 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5						697.574							5
6													6
7													7
8													8
9								697.651					9
10													10
11													11
12													12
13													13
14													14
15													15
16										697.465			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

697.504

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 697.651 METRES ON AUG 8
MINIMUM OBSERVED DAILY WATER LEVEL, 697.465 METRES ON OCT 15
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 - 1979

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 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5										615.824			5
6													6
7						616.196							7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16		616.028											16
17													17
18								615.906					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 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 616.196 METRES ON JUN 7
MINIMUM OBSERVED DAILY WATER LEVEL, 615.824 METRES ON OCT 5
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 - 1979

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 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1										635.313			1
2													2
3													3
4													4
5													5
6		635.066				635.304							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								635.295					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 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 635.313 METRES ON OCT 4
MINIMUM OBSERVED DAILY WATER LEVEL, 635.066 METRES ON FEB 7
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 - 1979

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. 07BB905

DAILY WATER LEVEL IN METRES FOR 1979

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								676.988					15
16										676.860			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	676.799												31
TOTAL					677.010								TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 677.010 METRES ON MAY 31
MINIMUM OBSERVED DAILY WATER LEVEL, 676.799 METRES ON JAN 31
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 - 1979

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. 06AC908

DAILY WATER LEVEL IN METRES FOR 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1									555.343	555.388			1
2									555.336	555.413			2
3													3
4													4
5									555.330				5
6													6
7									555.370				7
8		555.300					555.474	555.422	555.367				8
9							555.467	555.422	555.373				9
10													10
11						555.480	555.467	555.410	555.373				11
12									555.379				12
13						555.495	555.474		555.379				13
14						555.501	555.474	555.403	555.379				14
15													15
16						555.504	555.467	555.403	555.382				16
17						555.504		555.403	555.385				17
18													18
19						555.495		555.400					19
20													20
21								555.394	555.388				21
22							555.440	555.391	555.388				22
23									555.388				23
24						555.486	555.437	555.385					24
25													25
26						555.492	555.437	555.376	555.388				26
27													27
28						555.474	555.425	555.373					28
29								555.367	555.382				29
30								555.352					30
31													31
TOTAL													TOTAL

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 555.504 METRES ON JUN 16
MINIMUM OBSERVED DAILY WATER LEVEL, 555.300 METRES ON FEB 8
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: MANAWAN LAKE near Lega1

STATION NUMBER: 05EA911

LOCATION: 57-25-W4 - East side of Manawan Lake, 3 miles West
and 3 miles South of Lega1.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1957-62; 1964 - 1979

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 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						699.293							1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9								699.077					9
10													10
11													11
12													12
13													13
14													14
15													15
16										698.757			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						698.873							TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 699.293 METRES ON JUN 1
MINIMUM OBSERVED DAILY WATER LEVEL, 698.757 METRES ON OCT 15
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 - 1979

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 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2										573.695			2
3											573.664		3
4													4
5									573.670				5
6													6
7						573.819							7
8									573.670				8
9													9
10													10
11													11
12													12
13													13
14													14
15								573.725	573.682				15
16												573.603	16
17													17
18									573.695				18
19													19
20													20
21									573.691				21
22													22
23													23
24									573.679				24
25													25
26													26
27									573.685				27
28													28
29													29
30													30
31													31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 573.819 METRES ON JUN 6
MINIMUM OBSERVED DAILY WATER LEVEL, 573.603 METRES ON DEC 17
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 - 1979

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 1979

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												814.429	6
7													7
8													8
9	814.429												9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21								814.493					21
22													22
23													23
24													24
25													25
26													26
27						814.584	814.560						27
28													28
29									814.465				29
30													30
31													31
TOTAL						814.633							TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 814.633 METRES ON MAY 31
MINIMUM OBSERVED DAILY WATER LEVEL, 814.429 METRES ON JAN 9
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: MATCHAYAW LAKE near Stony Plain

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 - 1979

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

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

MATCHAYAM LAKE NEAR ONDWAY

STATION NO. 05EA906

DAILY WATER LEVEL IN METRES FOR 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5							679.152						5
6													6
7													7
8													8
9													9
10				678.896									10
11													11
12													12
13													13
14													14
15								679.228					15
16					678.997								16
17										678.872			17
18													18
19													19
20			679.393	679.061									20
21													21
22						679.070							22
23				679.219									23
24					679.015								24
25													25
26													26
27				679.219									27
28													28
29													29
30													30
31										678.814			31
TOTAL													MEAN
													MAX
													MIN

MEAN
MAX
MIN
TOTAL

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 679.393 METRES ON MAR 19
MINIMUM OBSERVED DAILY WATER LEVEL, 678.814 METRES ON OCT 30
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 - 1979

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 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1										981.194			1
2													2
3													3
4													4
5													5
6													6
7													7
8		981.145											8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16					981.200								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							981.258						

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 981.258 METRES ON JUL 30
MINIMUM OBSERVED DAILY WATER LEVEL, 981.145 METRES ON FEB 8
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 - 1979

HYDROGRAPHIC SURVEY MAP AVAILABLE: YES/NO

REMARKS: Geodetic Elevation verified April 1978.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

WERE LAKE NEAR STONY PLAIN

STATION NO. 05EA912

DAILY WATER LEVEL IN METRES FOR 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1		733.141									732.992		1
2													2
3													3
4													4
5													5
6								733.169					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					733.218								TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 733.218 METRES ON MAY 28
MINIMUM OBSERVED DAILY WATER LEVEL, 732.992 METRES ON NOV 2
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 - 1979

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 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1									970.642				1
2													2
3													3
4													4
5								970.700					5
6							970.748			970.608			6
7													7
8									970.617				8
9						970.745							9
10													10
11								970.666					11
12										970.626			12
13							970.770						13
14													14
15													15
16						970.760				970.611			16
17							970.770						17
18								970.657					18
19													19
20		970.639											20
21							970.760						21
22									970.632				22
23						970.779							23
24								970.651					24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL					970.754	970.754	970.751		970.611				TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 970.779 METRES ON JUN 23

MINIMUM OBSERVED DAILY WATER LEVEL, 970.608 METRES ON OCT 6
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 - 1979

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 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1		736.400											1
2											736.351		2
3													3
4													4
5													5
6													6
7													7
8								736.519					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					736.577								TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 736.577 METRES ON MAY 28

MINIMUM OBSERVED DAILY WATER LEVEL, 736.351 METRES ON NOV 2

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 - 1979

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 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						991.319							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							991.423						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

991.386

991.423

991.374

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 991.423 METRES ON JUL 16
MINIMUM OBSERVED DAILY WATER LEVEL, 991.319 METRES ON JUN 1
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

MEAN
MAX
MIN

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 - 1979

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 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						718.264	718.209	718.151	718.090		717.956		1
2						718.273	718.225	718.127	718.090				2
3						718.264	718.222	718.130	718.090				3
4						718.231	718.225	718.124	718.090				4
5						718.200	718.203	718.115	718.090				5
6						718.197	718.222	718.118	718.090				6
7						718.176	718.225	718.109	718.087				7
8						718.161	718.222	718.115	718.078				8
9						718.170	718.212	718.109	718.081				9
10													10
11						718.243	718.212	718.109	718.078				11
12						718.237	718.243	718.109	718.081				12
13						718.252	718.243	718.103	718.084				13
14						718.234	718.258	718.093	718.084				14
15						718.243	718.267	718.093					15
16						718.243	718.270	718.090					16
17						718.240	718.261	718.087					17
18						718.240	718.252	718.097					18
19						718.240	718.249	718.093					19
20							718.234	718.093					20
21													21
22			717.993		718.249	718.234	718.185	718.103					22
23					718.249	718.231	718.154	718.093					23
24					718.225	718.225	718.154	718.103					24
25					718.264	718.225	718.151	718.103					25
26					718.264	718.209		718.090					26
27					718.264	718.203		718.090	718.042				27
28					718.304	718.209	718.158	718.084					28
29					718.319	718.191	718.151	718.090					29
30					718.310	718.191	718.148	718.090					30
31					718.261	718.191	718.151	718.090					31
TOTAL								22261.219					TOTAL

MEAN 718.104
MAX 718.151
MIN 718.084

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 718.319 METRES ON MAY 29
MINIMUM OBSERVED DAILY WATER LEVEL, 717.956 METRES ON NOV 2
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 - 1979

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 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1										568.985			1
2													2
3													3
4													4
5						568.854							5
6		568.696											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								568.708					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 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 568.985 METRES ON OCT 2

MINIMUM OBSERVED DAILY WATER LEVEL, 568.696 METRES ON FEB 6
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 - 1979

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 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5						577.657							5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15										577.361			15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25							577.919						25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

577.376

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 577.919 METRES ON JUL 24
MINIMUM OBSERVED DAILY WATER LEVEL, 577.361 METRES ON OCT 15
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 - 1979

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 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						549.670			549.621	549.640			1
2													2
3										549.621			3
4									549.634				4
5													5
6						549.698							6
7						549.707							7
8		549.597											8
9						549.707							9
10							549.728		549.646				10
11								549.670					11
12						549.707							12
13										549.609			13
14													14
15								549.652					15
16													16
17							549.728			549.609			17
18						549.728						549.579	18
19							549.704		549.637				19
20													20
21						549.728			549.631				21
22													22
23										549.609			23
24									549.628				24
25							549.692						25
26						549.728							26
27													27
28						549.728		549.685	549.621				28
29									549.640	549.557			29
30						549.728			549.640				30
31							549.670	549.621					31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 549.728 METRES ON JUN 18
MINIMUM OBSERVED DAILY WATER LEVEL, 549.557 METRES ON OCT 29
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 - 1979

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 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						533.120	533.071	533.080		532.982			1
2							533.071	533.065					2
3							533.068	533.052					3
4							533.068	533.049					4
5								533.049					5
6						533.126	533.068	533.049					6
7						533.129	533.080	533.049					7
8		532.970				533.123	533.080	533.052					8
9						533.123	533.074	533.052					9
10						533.123	533.074	533.056					10
11						533.123	533.068	533.052					11
12						533.123	533.068	533.052					12
13						533.129	533.104	533.034					13
14						533.123	533.123	533.025					14
15						533.120	533.126	533.025					15
16						533.120	533.123	533.019					16
17						533.120	533.123	533.016					17
18						533.120	533.120	533.016					18
19						533.116	533.120	533.013					19
20						533.120	533.120	533.010					20
21						533.120	533.120	533.010					21
22						533.120	533.110	533.007					22
23						533.120	533.098	533.004					23
24						533.107	533.092	532.998					24
25						533.098	533.092	533.001					25
26						533.092	533.083	532.998					26
27						533.089	533.083	532.995					27
28						533.080	533.083	532.985					28
29						533.080	533.083	532.988					29
30						533.080	533.080	532.988					30
31						533.080	533.080	532.988					31
TOTAL						16525.821	16523.777						TOTAL

MEAN
MAX
MIN

533.091
533.126
533.068

533.025
533.080
532.985

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 533.129 METRES ON JUN 7

MINIMUM OBSERVED DAILY WATER LEVEL, 532.970 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 - 1979

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 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1		730.368											1
2											730.627		2
3													3
4													4
5													5
6								730.627					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					730.633								28
29													29
30													30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 730.633 METRES ON MAY 28

MINIMUM OBSERVED DAILY WATER LEVEL, 730.368 METRES ON FEB 1
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 - 1979

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 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1										559.957			1
2													2
3													3
4													4
5													5
6						560.039							6
7		559.844											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 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 560.039 METRES ON JUN 6
MINIMUM OBSERVED DAILY WATER LEVEL, 559.844 METRES ON FEB 7
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 - 1979

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 1979

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								682.456					15
16													16
17										682.307			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	682.426												31
TOTAL					682.453								TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 682.456 METRES ON AUG 14
MINIMUM OBSERVED DAILY WATER LEVEL, 682.307 METRES ON OCT 17
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: LAKE NEWELL near Brooks

STATION NUMBER: 05BN901

LOCATION: 18-17-W4 - 13 miles South of Brooks at Rolling Hills
headgates.

GAUGE TYPE: Staff Gauge.

PERIOD OF RECORD: 1979

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

REMARKS: Water Survey of Canada operated station 05BN020 "near Brooks"
in 1920-25.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

LAKE NEWELL NEAR BROOKS

STATION NO. 05BN901

DAILY WATER LEVEL IN METRES FOR 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						767.154	766.639	765.801					1
2						767.151	766.624						2
3						767.142	766.609						3
4							766.593						4
5						767.124	766.538						5
6						767.111	766.517						6
7						767.111	766.487						7
8						767.087	766.456						8
9						767.063	766.426						9
10						767.029	766.389						10
11						767.005	766.365						11
12						766.990	766.307						12
13						766.974	766.285						13
14						766.959	766.273						14
15						766.944	766.212	765.831					15
16													16
17					767.096	766.898	766.203						17
18					767.111	766.868	766.194						18
19					767.124	766.868	766.185						19
20					767.139	766.868	766.179						20
21					767.157	766.868	766.121						21
22					767.157	766.837	766.090						22
23					767.157		766.060						23
24					767.157		766.029						24
25					767.157		765.968						25
26						766.791	765.953						26
27					767.157	766.730	765.901						27
28					767.163	766.700	765.862						28
29					767.163	766.669	765.862						29
30					767.163		765.847						30
31					767.157		765.831	765.862					31
TOTAL							23753.190						TOTAL

MEAN 766.232
MAX 766.639
MIN 765.831

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 767.163 METRES ON MAY 28

MINIMUM OBSERVED DAILY WATER LEVEL, 765.801 METRES ON AUG 1

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 - 1979

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 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1										609.131			1
2													2
3													3
4													4
5		609.204				609.207							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								609.149					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 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 609.207 METRES ON JUN 4
MINIMUM OBSERVED DAILY WATER LEVEL, 609.131 METRES ON OCT 2
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 - 1979

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/NO

REMARKS:

STATION 3. 07AD903

TOTAL	
MEAN	
MAX	
MIN	

MINIMUM OBSERVED DAILY WATER LEVEL, 1054.977 METRES ON OCT 6
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 - 1979

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 1979

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	692.670				692.749			692.679		692.621			TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 692.749 METRES ON MAY 31
MINIMUM OBSERVED DAILY WATER LEVEL, 692.621 METRES ON OCT 17
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 - 1979

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 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1								756.977					1
2													2
3													3
4													4
5										757.090			5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16					757.166								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 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 757.166 METRES ON MAY 16

MINIMUM OBSERVED DAILY WATER LEVEL, 756.977 METRES ON AUG 2
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 - 1979

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 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1								1379.314	1379.512	1379.086			1
2								1379.308	1379.506	1379.083			2
3								1379.302	1379.074	1379.077			3
4								1379.299	1379.071	1379.074			4
5								1379.281	1379.488	1379.064			5
6								1379.275	1379.485	1379.064			6
7								1379.275	1379.479	1379.064			7
8								1379.266	1379.464	1379.064			8
9								1379.256	1379.461	1379.061			9
10								1379.253	1379.461	1379.058			10
11								1379.238	1379.458	1379.055			11
12								1379.235	1379.147	1379.055			12
13								1379.229	1379.138	1379.052			13
14								1379.229	1379.131	1379.049			14
15								1379.229	1379.107	1379.043			15
16								1379.226	1379.107	1379.040			16
17								1379.223	1379.101	1379.037			17
18								1379.217	1379.098	1379.034			18
19								1379.212	1379.092	1379.028			19
20								1379.229	1379.107	1379.043			20
21								1379.229	1379.107	1379.043			21
22								1379.229	1379.107	1379.043			22
23								1379.229	1379.107	1379.043			23
24								1379.229	1379.107	1379.043			24
25								1379.229	1379.107	1379.043			25
26								1379.229	1379.107	1379.043			26
27								1379.229	1379.107	1379.043			27
28								1379.229	1379.107	1379.043			28
29								1379.229	1379.107	1379.043			29
30								1379.229	1379.107	1379.043			30
31								1379.229	1379.107	1379.043			31
TOTAL													TOTAL

MEAN 1379.055
MAX 1379.086
MIN 1379.028

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 1379.558 METRES ON MAY 16
MINIMUM OBSERVED DAILY WATER LEVEL, 1379.028 METRES ON OCT 30
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 - 1979

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 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1					28.849			28.505		28.240			1
2													2
3													3
4													4
5													5
6													6
7			28.499										7
8						28.676			28.362		28.383		8
9													9
10							28.621						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 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 28.849 METRES ON MAY 2

MINIMUM OBSERVED DAILY WATER LEVEL, 28.240 METRES ON OCT 3
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 - 1979

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 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1					940.457	941.143	940.887	941.192	940.924				1
2					940.427	941.171	940.930	941.125	940.914				2
3					940.381	941.192	940.963	941.064	940.884				3
4					940.335	941.238	940.982	940.997	940.857				4
5					940.393	941.268	941.006	940.954	940.844				5
6					940.387	941.192	941.024	940.939					6
7					940.530	941.091	941.000	940.942					7
8					940.619	940.997	940.972	940.954					8
9					940.674	940.908	940.954	940.972	940.747				9
10					940.835	940.838	940.902	940.978	940.732				10
11					940.875	940.744	940.826	940.957	940.695				11
12					940.844	940.622	940.771	940.945	940.686				12
13					940.783	940.533	940.756	940.899					13
14					940.732	940.473	940.793	940.914					14
15					940.716	940.457	940.866	940.945	940.655				15
16					940.719	940.506	940.936	940.914	940.646				16
17					940.747	940.582	941.009	940.875	940.497				17
18					940.750	940.631	941.055	940.854	940.460				18
19					940.927	940.658	941.082	940.869	940.412				19
20					940.978	940.661	941.103	940.875					20
21					941.015	940.674	941.113	940.875	940.213				21
22					941.070	940.689	941.113	940.881	940.198				22
23					941.100	940.713	941.180	940.887	940.183				23
24					940.396	941.152	941.167	940.893	940.137				24
25					940.445	941.177	940.860	940.902					25
26					940.476	941.106	940.918	941.204	940.107				26
27					940.473	941.039	940.832	941.228					27
28					940.473	941.024	940.768	941.244					28
29					940.564	941.058	940.729	941.265					29
30					940.594	941.113	940.750	941.283					30
31					940.527		940.829	941.265					31
TOTAL					28223.963	29165.420	29172.074	28228.205					TOTAL

MEAN	940.799	940.820	941.035	940.940
MAX	941.177	941.268	941.283	941.192
MIN	940.335	940.457	940.756	940.854

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 941.283 METRES ON AUG 30

MINIMUM OBSERVED DAILY WATER LEVEL, 940.107 METRES ON OCT 26
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 - 1979

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 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5						642.463							5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15								642.497					15
16										642.375			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						642.250							TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 642.497 METRES ON AUG 14
MINIMUM OBSERVED DAILY WATER LEVEL, 642.250 METRES ON JAN 31
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 - 1979

HYDROGRAPHIC SURVEY MAP AVAILABLE: YES/NO

REMARKS:

STATION NO. 07AH904

TOTAL	MEAN	MAX	MIN
100	100	100	100

MINIMUM OBSERVED DAILY WATER LEVEL, 29.675 METRES ON OCT 16
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 - 1979

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 1979

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										1253.008			16
17													17
18													18
19													19
20							1252.981						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

1252.911

1252.978

1252.981

1253.008

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 1253.008 METRES ON OCT 16

MINIMUM OBSERVED DAILY WATER LEVEL, 1252.911 METRES ON FEB 21
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 - 1979

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 1979

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

1259.418

1259.491

1259.534

1259.449

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 1259.534 METRES ON OCT 16

MINIMUM OBSERVED DAILY WATER LEVEL, 1259.418 METRES ON FEB 21
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 - 1979

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 1979

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										1263.176			16
17													17
18							1263.350						18
19													19
20													20
21		1263.271											21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31					1263.469								31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 1263.469 METRES ON MAY 30

MINIMUM OBSERVED DAILY WATER LEVEL, 1263.176 METRES ON OCT 16
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 - 1979

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

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						850.300	850.331		850.240	850.191			1
2													2
3													3
4													4
5													5
6													6
7								850.331					7
8													8
9													9
10							850.361						10
11					850.331								11
12													12
13													13
14													14
15							850.307						15
16							850.361						16
17					850.300	850.331							17
18													18
19													19
20													20
21					850.328								21
22										850.270			22
23							850.361						23
24						850.331							24
25													25
26													26
27													27
28					850.331					850.270			28
29							850.331						29
30							850.307						30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 850.361 METRES ON JUL 10

MINIMUM OBSERVED DAILY WATER LEVEL, 850.191 METRES ON OCT 3
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- 1979

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/~~NO~~

REMARKS:

DAILY WATER LEVEL IN METRES FOR 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1							889.379	889.425	889.333				1
2							889.376						2
3							889.373	889.428	889.327				3
4							889.367						4
5													5
6							889.364						6
7							889.452	889.409	889.318				7
8							889.452						8
9					889.403		889.446		889.312				9
10							889.461	889.397					10
11							889.476						11
12							889.473	889.397	889.303				12
13							889.473	889.400					13
14							889.470						14
15							889.470	889.388	889.297				15
16													16
17					889.464		889.464		889.294				17
18					889.452		889.461						18
19								889.379	889.287				19
20							889.458	889.376					20
21													21
22							889.455		889.275				22
23													23
24					889.434			889.358					24
25							889.479						25
26					889.415				889.263				26
27							889.440	889.355					27
28					889.406		889.437		889.260				28
29							889.434						29
30								889.339	889.254				30
31							889.428		889.199				31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 889.479 METRES ON JUL 25

MINIMUM OBSERVED DAILY WATER LEVEL, 889.199 METRES ON OCT 30
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 - 1979

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 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1										28.855			1
2													2
3													3
4													4
5													5
6		28.749											6
7													7
8													8
9													9
10													10
11													11
12						29.035							12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21								28.974					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 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 29.035 METRES ON JUN 12

MINIMUM OBSERVED DAILY WATER LEVEL, 28.749 METRES ON FEB 6
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 - 1979

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 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1										770.867			1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9		770.985											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					771.168								23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL						771.071							TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 771.168 METRES ON MAY 23

MINIMUM OBSERVED DAILY WATER LEVEL, 770.867 METRES ON OCT 4
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 - 1979

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 1979

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										28.654			16
17													17
18													18
19													19
20							28.801						20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL					28.886								TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 28.886 METRES ON MAY 30
MINIMUM OBSERVED DAILY WATER LEVEL, 28.654 METRES ON OCT 16
WATER LEVELS ARE REFERRED TO ASSUMED DATUM

LAKE - STATION DESCRIPTION

STATION NAME: ROSS LAKE near Magrath

STATION NUMBER: 05AE903

LOCATION: 2-22-W4 - 17 miles South and 5 miles West of Magrath.

GAUGE TYPE: Staff Gauge.

PERIOD OF RECORD: 1979

HYDROGRAPHIC SURVEY MAP AVAILABLE: YES/NO

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

ROSS LAKE NEAR MAGRATH

STATION NO. 05AE903

DAILY WATER LEVEL IN METRES FOR 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1								1322.597					1
2											1322.311		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					1322.753				1322.448				15
16													16
17													17
18													18
19													19
20						1322.646							20
21													21
22								1322.539					22
23													23
24					1322.808								24
25													25
26													26
27									1322.408				27
28													28
29													29
30						1322.737							30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 1322.808 METRES ON MAY 25

MINIMUM OBSERVED DAILY WATER LEVEL, 1322.311 METRES ON NOV 5
WATER LEVELS ARE REFERRED TO GEODETIC 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 - 1979

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

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

SAMSON LAKE NEAR HOBBEEMA

STATION NO. 05FA910

DAILY WATER LEVEL IN METRES FOR 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1										771.866			1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10		771.973											10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22					771.967								22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL										772.007			TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 772.007 METRES ON JUL 31

MINIMUM OBSERVED DAILY WATER LEVEL, 771.866 METRES ON OCT 4
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 - 1979

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

STATION NO. 05EA914

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1					697.626	697.626	697.635	697.660	697.596	697.523			1
2					697.623	697.617	697.638	697.660	697.596	697.523			2
3						697.611	697.638	697.663	697.593	697.523			3
4							697.638	697.660	697.593	697.520			4
5							697.638	697.660	697.593	697.520			5
6					697.623	697.626	697.638	697.654	697.590	697.516			6
7					697.626	697.605	697.635	697.654	697.587	697.520			7
8					697.605	697.599	697.635	697.651	697.587	697.516			8
9					697.599	697.593	697.632	697.651		697.516			9
10					697.593		697.635	697.648		697.516			10
11					697.593	697.593	697.638	697.641	697.584	697.516			11
12					697.599			697.641	697.580	697.516			12
13								697.644	697.580	697.513			13
14					697.623	697.620	697.660	697.641	697.580	697.516			14
15					697.626	697.617	697.672	697.638	697.577	697.516			15
16						697.611	697.672	697.638	697.577	697.520			16
17					697.635	697.617	697.672	697.635	697.577	697.510			17
18					697.635	697.617	697.669	697.629	697.571	697.520			18
19							697.669	697.629	697.568	697.516			19
20					697.635	697.623	697.669	697.629	697.568	697.516			20
21					697.635		697.669	697.629	697.562	697.510			21
22					697.632	697.626	697.669	697.623	697.559	697.507			22
23					697.635	697.629		697.559	697.559	697.504			23
24						697.635	697.666	697.611	697.553	697.504			24
25					697.632	697.629	697.663	697.605		697.501			25
26				697.577	697.629	697.632	697.663	697.602		697.501			26
27					697.632	697.629	697.660			697.501			27
28						697.623	697.660			697.504			28
29					697.632			697.596		697.504			29
30					697.635		697.666	697.599		697.486			30
31					697.626		697.666	697.602					31
TOTAL													TOTAL

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 697.672 METRES ON JUL 15
MINIMUM OBSERVED DAILY WATER LEVEL, 697.416 METRES ON JAN 31
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 - 1979

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 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1								629.122		628.909			1
2													2
3													3
4													4
5													5
6		628.940											6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16					629.214								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 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 629.214 METRES ON MAY 15
MINIMUM OBSERVED DAILY WATER LEVEL, 628.909 METRES ON OCT 1
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 - 1979

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 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						903.647			903.519				1
2						903.631							2
3								903.656					3
4													4
5													5
6							903.671			903.479			6
7									903.512				7
8						903.634							8
9													9
10													10
11								903.601					11
12													12
13							903.750			903.506			13
14										903.494			14
15													15
16						903.644	903.732						16
17								903.564					17
18													18
19													19
20													20
21							903.744						21
22		903.561							903.500				22
23						903.644							23
24								903.546					24
25													25
26													26
27													27
28							903.732						28
29									903.488				29
30						903.659							30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 903.750 METRES ON JUL 14
MINIMUM OBSERVED DAILY WATER LEVEL, 903.479 METRES ON OCT 6
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 - 1979

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 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						711.735		711.644	711.565	711.495	711.464		1
2						711.732			711.559	711.492	711.458		2
3						711.732	711.699	711.629	711.556		711.455		3
4						711.729	711.699	711.629	711.552	711.479	711.452		4
5													5
6							711.696	711.626	711.549	711.479			6
7								711.617	711.546				7
8								711.620	711.543	711.476			8
9						711.726	711.693	711.617	711.543				9
10						711.726		711.620	711.543				10
11						711.726		711.617	711.543	711.473			11
12						711.726		711.613	711.540	711.473			12
13								711.610			711.440		13
14								711.912	711.537				14
15						711.729	711.684	711.601	711.531	711.473	711.440		15
16						711.729	711.684	711.601	711.528	711.470			16
17	711.461					711.732	711.684	711.601	711.525				17
18						711.729		711.601	711.522	711.470			18
19						711.732	711.681	711.601	711.519				19
20						711.729		711.598	711.519	711.467			20
21							711.726	711.595	711.516	711.464			21
22								711.604	711.513				22
23							711.653	711.595	711.507	711.461			23
24								711.589	711.504	711.464			24
25							711.659						25
26								711.681	711.501	711.461			26
27						711.708		711.580	711.501				27
28						711.702							28
29						711.702		711.577	711.504				29
30							711.656	711.574	711.495	711.461			30
31					711.741		711.653	711.568		711.461			31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 711.912 METRES ON AUG 14
MINIMUM OBSERVED DAILY WATER LEVEL, 711.440 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 - 1979

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

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

SCHUMAN LAKE NEAR FORT ASSINIBOINE

STATION NO. 07AH905

DAILY WATER LEVEL IN METRES FOR 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						737.771							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 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 737.829 METRES ON AUG 13
MINIMUM OBSERVED DAILY WATER LEVEL, 737.686 METRES ON JAN 30
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: SEVERN RESERVOIR

STATION NUMBER: 05CE903

LOCATION: 26-22-W4 - 7 miles North and $1\frac{1}{4}$ mile East of Standard.

GAUGE TYPE: Staff Gauge and Tape and Weight.

PERIOD OF RECORD: 1979

HYDROGRAPHIC SURVEY MAP AVAILABLE: YES/NO

REMARKS: There is an Alberta Environment Control Structure on this lake.
(Gated earth full dam; F.S.L. = 860.76 m.)

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

SEVERN RESERVOIR

STATION NO. 05CE903

DAILY WATER LEVEL IN METRES FOR 1979

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								860.267					15
16													16
17													17
18						860.694	860.466			860.146			18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28						860.618							28
29													29
30													30
31					860.755		860.389	860.237					31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 860.755 METRES ON MAY 31
MINIMUM OBSERVED DAILY WATER LEVEL, 860.146 METRES ON OCT 17
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 - 1979

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 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1								1276.950					1
2										1276.740			2
3											1276.700		3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15									1276.731				15
16													16
17													17
18				1277.340									18
19													19
20							1276.990						20
21													21
22													22
23													23
24													24
25					1277.203								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 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 1277.340 METRES ON APR 18

MINIMUM OBSERVED DAILY WATER LEVEL, 1276.700 METRES ON NOV 5
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 - 1979

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 1979

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							30.257			30.224			16
17													17
18													18
19													19
20													20
21													21
22		29.855											22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL					30.148								TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 30.257 METRES ON JUL 16

MINIMUM OBSERVED DAILY WATER LEVEL, 29.855 METRES ON FEB 22

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 - 1979

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. 07GD902

DAILY WATER LEVEL IN METRES FOR 1979

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												791.011	6
7													7
8													8
9	790.837												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								791.154					22
23													23
24													24
25													25
26							791.194						26
27						791.114							27
28													28
29													29
30													30
31													31
TOTAL					791.099								TOTAL

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 791.194 METRES ON JUL 26
MINIMUM OBSERVED DAILY WATER LEVEL, 790.837 METRES ON JAN 9
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 - 1979

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 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1										623.663			1
2													2
3													3
4													4
5		623.615				623.734							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								623.670					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 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 623.734 METRES ON JUN 4
MINIMUM OBSERVED DAILY WATER LEVEL, 623.615 METRES ON FEB 5
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 - 1979

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 1979

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	836.767												11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20								836.901					20
21													21
22													22
23													23
24													24
25						837.136	837.182		836.865				25
26													26
27													27
28													28
29						837.136						836.847	29
30													30
31													31
TOTAL													TOTAL

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 837.182 METRES ON JUL 24
MINIMUM OBSERVED DAILY WATER LEVEL, 836.767 METRES ON JAN 11
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 - 1979

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 1979

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							637.453						11
12													12
13													13
14													14
15		637.102						637.361					15
16													16
17													17
18													18
19										637.102			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 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 637.453 METRES ON JUN 11
MINIMUM OBSERVED DAILY WATER LEVEL, 637.102 METRES ON FEB 15
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

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 - 1979

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.

SNIPE LAKE NEAR VALLEYVIEW

STATION NO. 07GH901

DAILY WATER LEVEL IN METRES FOR 1979

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	742.578												10
11													11
12							743.002						12
13													13
14													14
15													15
16					742.901								16
17													17
18										742.542			18
19													19
20													20
21													21
22						742.932							22
23													23
24													24
25									742.612				25
26													26
27													27
28								742.761					28
29													29
30													30
31											742.502		31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 743.002 METRES ON JUL 12
MINIMUM OBSERVED DAILY WATER LEVEL, 742.502 METRES ON NOV 30
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 - 1979

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 1979

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

656.280

DRY

DRY

MEAN
MAX
MIN

TOTAL
MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 656.280 METRES ON MAY 23

MINIMUM OBSERVED DAILY WATER LEVEL, DRY ON JUL 26
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 - 1979

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. 05EA905

DAILY WATER LEVEL IN METRES FOR 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1		723.869											1
2											723.824		2
3													3
4													4
5													5
6													6
7													7
8								723.982					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					724.043								TOTAL

MEAN
MAX
MIN

TOTAL
MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 724.043 METRES ON MAY 28

MINIMUM OBSERVED DAILY WATER LEVEL, 723.824 METRES ON NOV 2
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 - 1979

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 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						28.965	28.965	28.855	28.810				1
2						28.986			28.810	28.810			2
3									28.813				3
4									28.816				4
5						28.999	28.959	28.858					5
6													6
7							28.938	28.865	28.813				7
8									28.837				8
9		28.733											9
10								28.858					10
11							28.938		28.837				11
12													12
13							28.959	28.849	28.837				13
14								28.846					14
15													15
16							28.929	28.855					16
17													17
18							28.935	28.819					18
19													19
20													20
21							28.919	28.834					21
22													22
23													23
24							28.956	28.822					24
25													25
26						28.968	28.926	28.816					26
27						28.990							27
28							28.922	28.810					28
29													29
30						28.965							30
31							28.868	28.813					31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 28.999 METRES ON JUN 5
MINIMUM OBSERVED DAILY WATER LEVEL, 28.733 METRES ON FEB 9
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 - 1979

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 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1										646.627			1
2													2
3													3
4													4
5													5
6					646.435								6
7													7
8													8
9													9
10													10
11													11
12													12
13					646.822								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

646.728

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 646.822 METRES ON MAY 14

MINIMUM OBSERVED DAILY WATER LEVEL, 646.435 METRES ON FEB 7
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 - 1979

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 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1		737.860									737.817		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					738.052								TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 738.052 METRES ON MAY 28
MINIMUM OBSERVED DAILY WATER LEVEL, 737.817 METRES ON NOV 2
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 - 1979

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

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

STRUBEL LAKE NEAR CAROLINE

STATION NO. 05DB901

DAILY WATER LEVEL IN METRES FOR 1979

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
		29.431											
16													16
17					29.462								17
18													18
19										29.297			19
20													20
21													21
22													22
23													23
24													24
25							29.416						25
26													26
27													27
28													28
29													29
30													30
31													31
													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 29.462 METRES ON MAY 17
MINIMUM OBSERVED DAILY WATER LEVEL, 29.297 METRES ON OCT 18
WATER LEVELS ARE REFERRED TO ASSUMED 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 - 1979

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 1979

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
		1211.409											
16													16
17					1211.421								17
18													18
19										1211.412			19
20													20
21													21
22													22
23													23
24													24
25							1211.290						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 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 1211.421 METRES ON MAY 17
MINIMUM OBSERVED DAILY WATER LEVEL, 1211.290 METRES ON JUL 24
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 - 1979

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. 07BB909

DAILY WATER LEVEL IN METRES FOR 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1								654.052	653.939				1
2								654.052	653.936				2
3								654.034	653.933				3
4						653.970	654.046	654.021	653.927				4
5							654.046	654.021					5
6							654.046	654.021					6
7							654.040	654.018	653.924				7
8							654.040	654.021	653.927				8
9								654.012	653.930				9
10								654.012	653.924				10
11								654.006					11
12								654.000					12
13							654.113	653.994					13
14							654.156	653.985					14
15							654.174	653.985					15
16								653.985		653.836			16
17								653.985					17
18								653.985					18
19							654.159	653.985					19
20							654.143	653.979					20
21							654.134	653.976					21
22							654.128	653.976					22
23							654.122	653.970					23
24								653.967					24
25							654.089	653.961					25
26						654.073	654.082	653.954					26
27						654.064		653.948					27
28							654.052	653.945					28
29						654.046	654.058	653.954					29
30						654.034	654.067						30
31							654.067						31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 654.174 METRES ON JUL 15
MINIMUM OBSERVED DAILY WATER LEVEL, 653.836 METRES ON OCT 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 - 1979

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

REMARKS:

DAILY WATER LEVEL IN METRES FOR 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1							29.627						1
2							29.627			29.374			2
3							29.627						3
4													4
5						29.642							5
6		29.401					29.596						6
7							29.596						7
8							29.596						8
9							29.596						9
10						29.648	29.593						10
11													11
12						29.648	29.563						12
13						29.648	29.563						13
14						29.648	29.563						14
15													15
16						29.633							16
17						29.633							17
18													18
19						29.630							19
20						29.630							20
21													21
22						29.630							22
23						29.630				29.389			23
24						29.630							24
25													25
26													26
27						29.630							27
28						29.630							28
29						29.630							29
30													30
31						29.627							31
TOTAL													

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 29.648 METRES ON JUN 10
MINIMUM OBSERVED DAILY WATER LEVEL, 29.374 METRES ON OCT 2
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 - 1979

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 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1										919.389			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

919.490

919.499

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 919.499 METRES ON JUL 30

MINIMUM OBSERVED DAILY WATER LEVEL, 919.389 METRES ON OCT 3
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 - 1979

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 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1										930.972			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					931.042								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 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 931.060 METRES ON FEB 8
MINIMUM OBSERVED DAILY WATER LEVEL, 930.972 METRES ON OCT 3
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 - 1979

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 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1					959.894								1
2													2
3									959.605	959.437			3
4													4
5													5
6											959.562		6
7						959.553							7
8													8
9													9
10							959.788						10
11													11
12										959.608			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						959.635							27
28													28
29													29
30													30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 959.894 METRES ON MAY 2
MINIMUM OBSERVED DAILY WATER LEVEL, 959.437 METRES ON OCT 4
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: TYRRELL LAKE (WEST)

STATION NUMBER: 05AF904

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

GAUGE TYPE: Staff Gauge.

PERIOD OF RECORD: 1979

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/~~NO~~

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

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

TYRRELL LAKE (WEST)

STATION NO. 05AF904

DAILY WATER LEVEL IN METRES FOR 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1					960.217			959.943					1
2									959.779				2
3													3
4													4
5													5
6						960.181					959.562		6
7													7
8													8
9													9
10							960.111						10
11													11
12										959.523			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						960.111							27
28													28
29													29
30													30
31													31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 960.217 METRES ON MAY 2
MINIMUM OBSERVED DAILY WATER LEVEL, 959.523 METRES ON OCT 12
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 - 1979

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

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

UPDIKE LAKE NEAR DEMMITT

STATION NO. 07FD914

DAILY WATER LEVEL IN METRES FOR 1979

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												793.766	6
7													7
8													8
9	794.123												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								794.053					22
23													23
24													24
25													25
26													26
27													27
28						794.452							28
29													29
30													30
31													31
TOTAL						794.406							TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 794.452 METRES ON JUN 27
MINIMUM OBSERVED DAILY WATER LEVEL, 793.766 METRES ON DEC 6
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 - 1979

HYDROGRAPHIC SURVEY MAP AVAILABLE: YES/NO

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

UPPER MANN LAKE NEAR ASHTON

STATION NO. 06AA911

DAILY WATER LEVEL IN METRES FOR 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1							616.184		616.114				1
2									616.114				2
3									616.110				3
4									616.110				4
5								616.162	616.110	616.050			5
6						616.284	616.187		616.110				6
7						616.266			616.110				7
8						616.266			616.110				8
9						616.266	616.187						9
10						616.266	616.199						10
11							616.187						11
12						616.254	616.199						12
13							616.214		616.098				13
14		616.174				616.254	616.220		616.101				14
15						616.254			616.101				15
16						616.251		616.141					16
17						616.251	616.211	616.138					17
18							616.208	616.138					18
19						616.242		616.138					19
20						616.229		616.132					20
21													21
22						616.229	616.217	616.129					22
23						616.220	616.202	616.126					23
24						616.220	616.202	616.126					24
25							616.199	616.123					25
26								616.120					26
27						616.220		616.117					27
28							616.184	616.114					28
29							616.184	616.114					29
30							616.184	616.114					30
31							616.184	616.114					31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 616.284 METRES ON JUN 7
MINIMUM OBSERVED DAILY WATER LEVEL, 616.050 METRES ON OCT 5
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 - 1979

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 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1										636.029			1
2													2
3													3
4													4
5													5
6		636.145				636.239							6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16					636.303								16
17													17
18													18
19													19
20								636.075					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 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 636.303 METRES ON MAY 17
MINIMUM OBSERVED DAILY WATER LEVEL, 636.029 METRES ON OCT 4
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 - 1979

HYDROGRAPHIC SURVEY MAP AVAILABLE: YES/NO

REMARKS:

DAILY WATER LEVEL IN METRES FOR 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1					576.188	573.765				572.439			1
2					576.130								2
3					576.087								3
4					576.038								4
5													5
6													6
7		575.636			575.828								7
8					575.782								8
9					575.737								9
10					575.721								10
11					575.685								11
12													12
13													13
14					575.435								14
15					575.343								15
16					575.267								16
17					575.237								17
18					575.182								18
19													19
20													20
21													21
22				576.060	575.557								22
23				576.237	575.548								23
24				576.041									24
25													25
26				576.054									26
27				576.075									27
28					573.963								28
29													29
30				576.209									30
31							573.853						31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 576.237 METRES ON APR 24

MINIMUM OBSERVED DAILY WATER LEVEL, 572.439 METRES ON OCT 2
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 - 1979

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.)

DAILY WATER LEVEL IN METRES FOR 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1					599.929			599.267		599.109			1
2													2
3													3
4													4
5													5
6		598.264											6
7													7
8					599.496								8
9													9
10													10
11													11
12													12
13													13
14													14
15					599.307								15
16													16
17													17
18													18
19				599.831									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 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 599.929 METRES ON MAY 1

MINIMUM OBSERVED DAILY WATER LEVEL, 598.264 METRES ON FEB 6
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 - 1979

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

REMARKS:

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1					599.916	599.069		598.792		599.023			1
2					599.843								2
3					599.813								3
4				599.179	600.368								4
5													5
6		599.097			599.551								6
7					599.456								7
8					599.462								8
9				599.392	599.456								9
10					599.435								10
11				599.426									11
12				599.450									12
13													13
14					599.301								14
15					599.188								15
16					599.222								16
17				599.721	599.100								17
18				599.819	599.054								18
19				599.971									19
20				600.099									20
21					599.078								21
22													22
23				600.185									23
24				600.154	599.176								24
25				600.179	599.222								25
26													26
27				600.172									27
28				600.133	599.054								28
29													29
30				599.971	599.063								30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 600.368 METRES ON MAY 4

MINIMUM OBSERVED DAILY WATER LEVEL, 598.792 METRES ON AUG 1
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 - 1979

HYDROGRAPHIC SURVEY MAP AVAILABLE: YES/NO

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

VERMILION RIVER AT TWO HILLS HWY. 36

STATION NO. 05EE903

DAY	JAN	FEB	MAR	APR	DAILY WATER LEVEL IN METRES FOR 1979					NOV	DEC	DAY
					MAY	JUN	JUL	AUG	SEP			
1					600.319	599.109		599.228				1
2					600.261							2
3					600.197							3
4				599.539	600.127							4
5												5
6		599.307			599.929							6
7					599.840							7
8					599.788							8
9				599.682	599.737							9
10					599.682							10
11				599.737	599.682							11
12				599.816								12
13					599.514							13
14					599.447							14
15					599.401							15
16				600.322	599.377							16
17				600.407	599.319							17
18				600.422								18
19				600.468								19
20												20
21					599.118							21
22				600.581								22
23				600.581	599.084							23
24				600.563	599.075							24
25												25
26				600.538								26
27					599.087							27
28												28
29				600.377	599.097							29
30												30
31												31
TOTAL												TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 600.581 METRES ON APR 23
MINIMUM OBSERVED DAILY WATER LEVEL, 599.060 METRES ON OCT 1
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 - 1979

HYDROGRAPHIC SURVEY MAP AVAILABLE: YES/NO

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

VERMILION RIVER 4 MILES WEST OF TWO HILLS

STATION NO. 05EE909

DAILY WATER LEVEL IN METRES FOR 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1					600.532	599.194		599.325		599.118			1
2					600.480								2
3					600.419								3
4				599.718	600.358								4
5													5
6		598.938											6
7					600.136								7
8					600.054								8
9				599.892	599.987								9
10					599.926								10
11				600.051	599.871								11
12				600.118									12
13					599.679								13
14					599.548								14
15													15
16				600.514	599.618								16
17				600.544	599.554								17
18				600.572	599.511								18
19													19
20				600.617									20
21					599.328								21
22				600.791	599.301								22
23				600.791	599.267								23
24													24
25				600.758									25
26				600.724	599.228								26
27													27
28				600.617	599.200								28
29													29
30													30
31													31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 600.791 METRES ON APR 23
MINIMUM OBSERVED DAILY WATER LEVEL, 598.938 METRES ON FEB 6
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 - 1979

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 1979

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

1117.159

1117.217

1117.037

1117.302

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 1117.302 METRES ON MAY 30
MINIMUM OBSERVED DAILY WATER LEVEL, 1117.037 METRES ON OCT 17
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 - 1979

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

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

VINCENT LAKE NEAR ASHMONT

STATION NO. 05ED913

DAILY WATER LEVEL IN METRES FOR 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2							636.630	636.590	636.462	636.407			2
3										636.407			3
4										636.407			4
5									636.474				5
6													6
7		636.355				636.691	636.624	636.572	636.462				7
8						636.630							8
9							636.550						9
10													10
11													11
12						636.630			636.456				12
13													13
14													14
15													15
16						636.617			636.529	636.450			16
17						636.624	636.660	636.526	636.441				17
18													18
19						636.624			636.511	636.431			19
20													20
21													21
22													22
23							636.633	636.499					23
24									636.416				24
25													25
26						636.633							26
27							636.617	636.480					27
28													28
29								636.471	636.419				29
30							636.605						30
31													31
TOTAL													
MEAN													
MAX													
MIN													

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 636.691 METRES ON JUN 7

MINIMUM OBSERVED DAILY WATER LEVEL, 636.355 METRES ON FEB 7
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 - 1979

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.

WAKOMAO LAKE NEAR CLYDE

STATION NO. 05EC903

DAILY WATER LEVEL IN METRES FOR 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1					622.051								1
2													2
3													3
4													4
5													5
6													6
7													7
8								621.993					8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16										621.707			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

621.591

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 622.051 METRES ON JUN 1
MINIMUM OBSERVED DAILY WATER LEVEL, 621.591 METRES ON JAN 29
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 - 1979

HYDROGRAPHIC SURVEY MAP AVAILABLE: YES/NO

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

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

WATT LAKE NEAR TWO HILLS

STATION NO. 05EE910

DAILY WATER LEVEL IN METRES FOR 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1					601.227			600.502					1
2					601.224	600.557		600.483					2
3					601.206	600.553	600.590		600.389	600.374			3
4					601.194								4
5				600.813			600.584	600.486	600.386				5
6		600.733											6
7					601.117	600.566		600.483	600.392				7
8					601.090		600.593						8
9					601.056				600.404				9
10				601.008	601.005	600.566		600.471					10
11				600.950			600.578						11
12				601.002	600.989			600.459	600.398				12
13													13
14													14
15				600.904	600.880	600.584	600.617	600.450	600.395				15
16				600.883									16
17				600.904									17
18				600.928		600.578	600.596	600.435	600.389				18
19				600.983	600.736			600.429					19
20				601.066			600.557						20
21						600.581			600.374				21
22				601.194	600.715		600.547	600.422					22
23				601.218				600.413	600.334				23
24				601.221		600.599	600.535						24
25													25
26				601.261	600.636				600.355				26
27				601.251									27
28						600.587	600.517						28
29						600.575			600.371				29
30				601.242	600.566			600.398					30
31					600.563	600.569	600.499	600.398					31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 601.261 METRES ON APR 26
MINIMUM OBSERVED DAILY WATER LEVEL, 600.334 METRES ON SEP 24
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 - 1979

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

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

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

WAVY LAKE NEAR STROHE

STATION NO. 05FB902

DAILY WATER LEVEL IN METRES FOR 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1										686.717			1
2													2
3													3
4													4
5													5
6		686.653											6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18					686.992								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						686.888							TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 686.992 METRES ON MAY 18
MINIMUM OBSERVED DAILY WATER LEVEL, 686.653 METRES ON FEB 7
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 - 1979

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

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

WEMBLEY LAKE NEAR WEMBLEY

STATION NO. 07GE914

DAILY WATER LEVEL IN METRES FOR 1979

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												727.472	6
7													7
8													8
9													9
10	727.378												10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21								727.503					21
22													22
23													23
24													24
25													25
26													26
27													27
28						727.615	727.588						28
29									727.439				29
30													30
31													31
TOTAL					727.686								TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 727.686 METRES ON MAY 31
MINIMUM OBSERVED DAILY WATER LEVEL, 727.378 METRES ON JAN 10
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 - 1979

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

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1							577.483						1
2							577.483						2
3							577.453						3
4							577.483						4
5							577.483						5
6							577.483						6
7							577.453						7
8						577.681	577.419						8
9							577.419						9
10							577.419						10
11						577.822	577.541						11
12						577.822	577.785						12
13						577.822	577.785						13
14	577.294					577.822	577.785						14
15						577.822	577.846						15
16						577.822	577.846						16
17						577.730	577.846						17
18						577.715	577.876						18
19						577.715	577.937			577.483			19
20						577.700	577.968	577.712					20
21						577.684	577.968						21
22						577.684	577.968						22
23						577.666							23
24						577.666							24
25						577.666							25
26						577.666							26
27						577.605							27
28						577.605							28
29						577.514							29
30						577.514							30
31						577.514							31
TOTAL							577.812						TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 577.968 METRES ON JUL 20
MINIMUM OBSERVED DAILY WATER LEVEL, 577.294 METRES ON JAN 14
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 - 1979

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 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1								625.864		625.821			1
2													2
3													3
4													4
5													5
6		625.639											6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15					626.001								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 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 626.001 METRES ON MAY 15
MINIMUM OBSERVED DAILY WATER LEVEL, 625.639 METRES ON FEB 6
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 - 1979

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 1979

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
		567.242				567.349				567.315			
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21								567.364					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 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 567.364 METRES ON AUG 20
MINIMUM OBSERVED DAILY WATER LEVEL, 567.242 METRES ON FEB 9
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 - 1979

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 1979

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							1150.208			1150.114			17
18													18
19													19
20		1150.230											20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29					1150.403								29
30													30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 1150.403 METRES ON MAY 29
MINIMUM OBSERVED DAILY WATER LEVEL, 1150.114 METRES ON OCT 17
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 - 1979

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 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1										783.985			1
2													2
3													3
4													4
5													5
6													6
7													7
8		783.854											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					784.287								21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31						784.113							31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 784.287 METRES ON MAY 22
MINIMUM OBSERVED DAILY WATER LEVEL, 783.854 METRES ON FEB 8
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 - 1979

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 BONNYVILLE

STATION NO. 06AB903

DAILY WATER LEVEL IN METRES FOR 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1							597.518	597.362		597.329			1
2							597.509	597.356					2
3								597.359					3
4													4
5													5
6		597.283					597.502	597.359					6
7							597.493						7
8							597.487	597.359					8
9							597.481						9
10													10
11								597.359					11
12						597.521		597.353					12
13													13
14													14
15						597.551	597.469						15
16						597.551	597.466	597.335					16
17						597.548	597.463	597.332					17
18						597.548		603.425					18
19						597.548	597.435	597.329					19
20													20
21						597.563	597.429	597.326					21
22						597.560	597.423	597.323					22
23						597.554	597.423	597.323					23
24						597.545	597.423	597.313					24
25								597.307					25
26						597.542		597.301					26
27							597.393	597.301					27
28						597.524	597.390						28
29							597.381	597.295					29
30							597.374						30
31								597.295					31
TOTAL													
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 603.425 METRES ON AUG 19

MINIMUM OBSERVED DAILY WATER LEVEL, 597.283 METRES ON FEB 6
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 - 1979

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 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1					783.110			783.080					1
2									783.046				2
3													3
4													4
5													5
6			782.924			783.187					782.988		6
7													7
8													8
9										782.988			9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21			783.049										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 1979

MAXIMUM OBSERVED DAILY WATER LEVEL, 783.187 METRES ON JUN 6
MINIMUM OBSERVED DAILY WATER LEVEL, 782.924 METRES ON MAR 7
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

36777

GB Alberta miscellaneous lake levels
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