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Water Resources

**ALBERTA
MISCELLANEOUS LAKE LEVELS
1981**

Alberta
ENVIRONMENT

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INTRODUCTION

Over the years Alberta Environment has collected lake level information at numerous lakes throughout the Province. As of 1981 there were 215 lakes being monitored. Historically this information has been collected for internal use and filed in the Technical Services Division Records 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.

This data report contains all the lake level data collected by the Technical Services Division in 1981. Similar reports have been produced for 1978, 1979 and 1980. Publications containing 1976 and 1977 data will be available in 1983.

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

Purpose and Method of Data Collection

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

Presentation of Data

The data presented are compiled by computer, using the MANUAL program obtained from Environment Canada. The use of this program is gratefully acknowledged. It should also be noted that the annual publication entitles "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 Environment 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 Environment Canada numbers, all Alberta Environment station numbers start with nine. The major drainage basins 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 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:

$$1 \text{ metre} = 3.28 \text{ feet}$$

Further Information

It should be emphasized that this data report only contains data collected for one year, 1981. In the Technical Services Division Records 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:

Technical Services Division
Records Centre
10th Floor, Oxbridge Place
9820 - 106 Street
Edmonton, Alberta
T5K 2J6

Phone: 427-6298

LIST OF LAKE LEVEL STATIONS - 1981

STATION NAME	MAP	PAGE NUMBER
	REFERENCE NUMBER (Fig. 1)	
Albright Lake near Demmitt	1	1
Amisk Lake near Boyle	2	3
Angling Lake near Grand 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 Grand 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
Bens 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
Black Duck Lake near Hines Creek	204	45
Blackmud Lake at Marlboro	23	47
Bonnie Lake near Vilna	24	49
Buck Lake near Drayton Valley	25	51
Buffalo Lake near La Glace	26	53
Buffalo Lake near Stettler	27	55
Burnstick Lake near Sundre	28	57
Cache Lake near Spedden	29	59

Camp Lake near Kinsella	30	61
Captains Lake near Thorhild	218	63
Cardinal Lake at Queen Elizabeth Park	31	65
Carson Lake near Whitecourt	32	67
Cavan Lake near Medicine Hat	33	69
Chappell Lake near Ashmont	34	71
Charlotte Lake near Bonnyville	35	73
Chickakoo Lake near Stony Plain	36	75
Chickenhill Lake near St. Paul	37	77
Clairmont Lake near Clairmont	38	79
Claude Lake near Lac La Biche	39	81
Clear Lake near Stavely	40	83
Cow Lake near Rocky Mountain House	41	85
Crimson Lake near Rocky Mountain House	42	87
Crow Indian Lake	43	89
Crystal Lake near Grande Prairie	44	91
Cutbank Lake near Wembley	45	93
Cygnets Lake near Sylvan Lake	46	95
Dakin Lake near Atmore	47	97
Dapp Lake near Westlock	205	99
Deep Lake near Grande Prairie	48	101
Dillberry Lake near Wainwright	49	103
Dimsdale Lake near Dimsdale	50	105
Dowling Lake near Hanna	51	107
Driedmeat Lake near Camrose	52	109
Driedmeat Lake at Outflow	53	111
Earlie Lake near Kitscoty	54	113
Eccles Pond near Hinton	55	115
Eden Lake near Beach Corner	56	117
Ethel Lake near Cold Lake	58	119
Fairfax Lake near Robb	59	121
Ferguson Lake near Clairmont	60	123
Fickle Lake near Edson	61	125
Fish Lake near Nordegg	62	127

Flat Lake near Boyle	63	129
Floatingstone Lake near Spedden	64	131
Flood Lake near Chinook Valley	206	133
Flyingshot Lake near Grande Prairie	65	135
Fork Lake near Lac La Biche	66	137
Freeman Lake near Swan Hills	67	139
Frog Lake near Elk Point	68	141
Gabriel Lake near Bentley	69	143
Garner Lake near Spedden	70	145
George Lake (East) near Hines Creek	207	147
George Lake (West) near Hines Creek	208	149
Gerry Lake near Hines Creek	219	151
Ghost Lake near Athabasca	72	153
Goldeye Lake near Nordegg	73	155
Goodfare Lake near Goodfare	74	157
Goodfish Lake near Vilna	75	159
Goose Lake near Fort Assiniboine	76	161
Gooseberry Lake near Consort	77	163
Gosling Lake near Buck Lake	78	165
Grande Cache Lake near Grande Cache	79	167
Graveyard Lake near Hinton	80	169
Gregg Lake near Hinton	81	171
Hanmore Lake near Smoky Lake	82	173
Hasse Lake near Stony Plain	83	175
Hay Lake near Fairview	220	177
Helen Lake near Dixonville	209	179
Hermit Lake near Grande Prairie	84	181
Hubbles Lake near Stony Plain	86	183
Hughes Lake near Grande Prairie	87	185
Iosegun Lake near Fox Creek	88	187
Ironwood Lake near Lac La Biche	89	189
Island Lake near Athabasca	90	191
Isle Lake near Gainford	91	193
Jackfish Lake near Rocky Mountain House	92	195
Jackfish Lake near Stony Plain	93	197

Jarvis Lake near Hinton	94	199
Jessie Lake near Bonnyville	96	201
Johnny's Lake near Stony Plain	97	203
Joseph Lake near New Sarepta	98	205
Kehiwin Lake near Bonnyville	99	207
Kimiwan Lake at McLennan	210	209
Kinky Lake near Hinton	100	211
La Glace Lake near La Glace	101	213
Lac Bellevue near St. Paul	102	215
Lac Saint Cyr near St. Paul	103	217
Lac Sante near St. Paul	104	219
Lake Newell near Brooks	136	221
Last Lake near Whitelaw	221	223
Laurier Lake near Heinsburg	105	225
Lawrence Lake near Athabasca	106	227
Lebeaus Lake near Westlock	107	229
Lees Lake near Pincher Creek	108	231
Lessard Lake near Glenevis	109	233
Little Beaver Lake near Ferintosh	110	235
Little Fish Lake near Drumheller	111	237
Lloyd Lake near Priddis	211	239
Long Lake near Boyle	112	241
Long Lake near Edson	113	243
Long Island Lake near Westlock	114	245
Lower Mann Lake near Ashmont	115	247
Lower Therien Lake near St. Paul	116	249
Magloire Lake near Falher	212	251
Majeau Lake near Glenevis	117	253
Manatokan Lake near Iron River	118	255
Manawan Lake near Legal	119	257
Martin Lake near Hythe	121	259
Matchayaw Lake near Stony Plain	122	261
Medicine Lake near Rimbey	123	263
Mere Lake near Stony Plain	124	265

Millers Lake near Marlboro	125	267
Mink Lake near Carvel Corner	126	269
Minnie Lake near Glendon	222	271
Minnow Lake near Edson	127	273
Mirage Lake at Moonshine Provincial Park	130	275
Missawawi Lake near Venice	128	277
Mitsue Lake near Slave Lake	129	279
Moose Lake near Bonnyville	132	281
Muir Lake near Spruce Grove	133	283
Murdoch Lake near Deadwood	213	285
Muriel Lake near Bonnyville	134	287
Nakamun Lake near Onoway	135	289
North Buck Lake near Caslan	137	291
Obed Lake near Hinton	138	293
Oldman Lake near Glenevis	139	295
Oliver Lake near New Sarepta	140	297
Outpost Lake at Police Outpost Park	141	299
Pakowki Lake near Medicine Hat	142	301
Park Lake at Provincial Park	143	303
Peanut Lake near Barrhead	144	305
Pegasus Lake near Whitecourt	145	307
Pierre Grey Lake (Lower) near Muskeg	146	309
Pierre Grey Lake (Middle) near Muskeg	147	311
Pierre Grey Lake (Upper) near Muskeg	148	313
Pigeon Lake at Provincial Park	149	315
Pine Lake near Pine Lake	150	317
Pinehurst Lake near Lac La Biche	151	319
Rat Lake near Donnelly	214	321
Red Deer Lake near Ferintosh	152	323
Rock Lake near Hinton	153	325
Ross Lake near Magrath	154	327
Samson Lake near Hobbema	155	329
Sandy Lake near Morinville	156	331

Sandy Lake near Two Hills	157	333
Sang (Surprise) Lake near Edson	158	335
Saskatoon Lake near Grande Prairie	159	337
Schuman Lake near Fort Assiniboine	160	339
Severn Reservoir	161	341
Shanks Lake near Cardston	162	343
Shiningbank Lake near Peers	163	345
Shuster Lake near Wainwright	215	347
Sinclair Lake near Hythe	164	349
Skeleton Lake near Boyle	165	351
Smoke Lake near Fox Creek	166	353
Snoky Lake near Warspite	167	355
Snipe Lake near Valleyview	168	357
Sounding Lake near Monitor	169	359
Spring Lake near Stony Plain	170	361
Spruce Coulee Reservoir near Medicine Hat	216	363
Square Lake near Lac La Biche	172	365
Staplehurst Lake near Lloydminster	173	367
Star Lake near Carvel Corner	174	369
Strubel Lake near Caroline	175	371
Swan Lake near Rocky Mountain House	176	373
Thunder Lake near Barrhead	177	375
Touchwood Lake near Lac La Biche	178	377
Twin Lake #1 near Hoadley	179	379
Twin Lake #2 near Hoadley	180	381
Tyrrell Lake (East)	181	383
Updike Lake near Demmitt	183	385
Upper Mann Lake near Ashmont	184	387
Upper Therien Lake near St. Paul	185	389
Vermilion Reservoir at Vermilion	186	391
Vermilion River near Morecambe	187	393
Vermilion River near Musidora	188	395
Vermilion River at Two Hills (Highway #36)	189	397
Vermilion River 4 miles West of Two Hills	190	399
Victor Lake near Grande Cache	191	401

Vincent Lake near Ashmont	192	403
Wakomao Lake near Clyde	193	405
Watt Lake near Two Hills	194	407
Wavy Lake near Strome	195	409
Wembley Lake near Wembley	196	411
Whitefish Lake near Vilna	197	413
Whitford Lake near Vegreville	198	415
Whitney Lake near Elk Point	199	417
Wildhorse Lake near Hinton	200	419
Windsor Lake near Bashaw	217	421
Wizard Lake near Leduc	201	423
Wolf Lake near Bonnyville	202	425
Wolf Lake near Edson	223	427
Yellow Lake (Station 0)	203	429

1981 LAKE AND RESERVOIR DATA

Published by the Water Resources Branch, Environment Canada.

<u>Station Name</u>	<u>Station Number</u>
Baptiste Lake near Athabasca	07BE002
Bare Creek Reservoir near Elkwater	11AB094
Barrier Lake near Seebe	05BF024
Bear Lake near Clairmont	07GE004
Beaver Lake at Ranger Station	06AA003
Bigelow Reservoir near Wimborne	05CE901*
Brazeau Reservoir	05DD006
Buffalo Lake near Erskine	05CD005
Calling Lake at Ranger Station	07CB001
Chain Lakes Reservoir near Nanton	05AB037
Chip Lake at Outlet to Lobstick River	07BE008
Coal Lake Reservoir near Wetaskiwin	05FA016
Cold Lake at Cold Lake	06AF002
Cooking Lake at Cooking Lake	05EBC12
Cressday Reservoir near Cressday	11AB097
Driedmeat Lake at Outflow	05FA020*
Elkwater Lake	05AH025
Ethel Lake near Cold Lake	06AC004
Fawcett Lake near Smith	07BK008
Ghost Lake near Cochrane	05BE005
Glenmore Reservoir at Calgary	05BJ008
Greasewood Reservoir near Elkwater	11AB092
Gregoire Lake near Fort McMurray	07CE001
Gull Lake at Aspen Beach	05CC006
Hastings Lake near DEville	05EB011
Hilda Lake near Cold Lake	06AC003
Isle Lake at Eureka Beach	05EA008
Jaydot Reservoir near Jaydot	11AB098
Lac La Biche at Lac La Biche	07CA004
Lac La Nonne at Lac La Nonne	07BB007

Lac Ste. Anne at Alberta Beach	05EA006
Lake Abraham near Nordegg	05DC009
Lake Athabasca at Bustard Island	07MD002
Lake Athabasca at Fort Chipewyan	07MD001
Lake Claire near Outlet to Prairie River	07KF002
Lake Minnewanka near Banff	05BD003
Lake Sherburne	05AE036
Lesser Slave Lake at Faust	07BJ002
Lesser Slave Lake at Slave Lake	07BJ006
Lower Kananaskis Lake	05BF009
Marie Lake near Cold Lake	06AC005
Massy Reservoir near Elkwater	11AB104
Michele Reservoir near Elkwater	11AB091
Milk River Ridge Reservoir	05AF030
Ministik Lake near New Sarepta	05ER013
Miquelon Lake at Provincial Park	05EB014
Mitchell Reservoir near Elkwater	11AB099
Moore Lake near Cold Lake	06AC002
Muriel Lake near Gurneyville	06AC007
Pigeon Lake at Grandview	05FA013
Reesor Reservoir near Elkwater	11AB090
Richardson Lake at the Outlet	07DD008
South Heart Reservoir near McLennan	07BF008
South Wabasca Lake near Desmarais	07JA002
Spray Reservoir at Three Sisters Dam	05BC006
St. Mary Reservoir near Spring Coulee	05AE025
Steele Lake near Jarvie	07BC005
Sturgeon Lake at Williamson Park	07GH003
Sylvan Lake at Sylvan Lake	05CC003
Upper Kananaskis Lake at Main Dam	05BF005
Utikuma Lake near Nipisi	07JA001
Wabamun Lake at Wabamun	05DE002
Waterton Lake at Waterton Park	05AD025
Waterton Reservoir	05AD026
Winagami Lake at Spillway Gates	07BF006

LAKE - STATION DESCRIPTION

STATION NAME: ALBRIGHT LAKE near Demmitt

STATION NUMBER: 07FD903

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

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1976 - 1981

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

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

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

ALBRIGHT LAKE NEAR DENTITT

STATION NO. 07FD903

DAILY WATER LEVEL IN METRES FOR 1981

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										792.323			6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16							792.463						16
17													17
18													18
19													19
20													20
21													21
22													22
23	792.608												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 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 792.608 METRES ON JAN 23
MINIMUM OBSERVED DAILY WATER LEVEL, 792.323 METRES ON OCT 6
WATER LEVELS ARE REFERRED TO GEODETIC ELEVATION

MAX. OBSERVED WATER LEVEL, 792.800 METRES ON SEP 27/76
MIN. OBSERVED WATER LEVEL, 792.221 METRES ON DEC 6/79

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 - 1981

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 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						611.675				611.601			1
2													2
3													3
4													4
5													5
6						611.685							6
7							611.704						7
8													8
9													9
10		611.703											10
11					611.703			611.778					11
12													12
13										611.644			13
14					611.698	611.660							14
15													15
16													16
17					611.693			611.693					17
18													18
19													19
20													20
21					611.679								21
22													22
23					611.676								23
24													24
25													25
26													26
27							611.857						27
28					611.669								28
29													29
30					611.664					611.609			30
31													31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 611.857 METRES ON JUL 27
MINIMUM OBSERVED DAILY WATER LEVEL, 611.601 METRES ON OCT 5
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

MAX. OBSERVED WATER LEVEL, 612.002 METRES ON OCT 17/77
MIN. OBSERVED WATER LEVEL, 611.599 METRES ON MAY 26/80

LAKE - STATION DESCRIPTION

STATION NAME: ANGLING LAKE near Grand Centre

STATION NUMBER: 06AD901

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

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1973 - 1981

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

REMARKS: Geodetic Elevation verified April 1978.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

ANGLING LAKE NEAR GRAND CENTRE

STATION NO. 06AD901

DAILY WATER LEVEL IN METRES FOR 1981

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		556.896					556.898			556.777			10
11													11
12					556.952								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 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 556.952 METRES ON MAY 13
MINIMUM OBSERVED DAILY WATER LEVEL, 556.777 METRES ON OCT 7
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

MAX. OBSERVED WATER LEVEL, 557.394 METRES ON JUN 14/74
MIN. OBSERVED WATER LEVEL, 556.781 METRES ON FEB 16/77

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 - 1981

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 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5						738.529		738.478	738.378				5
6													6
7							738.467		738.368				7
8													8
9													9
10													10
11							738.443						11
12													12
13								738.460					13
14					738.583					738.324			14
15													15
16													16
17						738.521	738.469	738.438					17
18		738.497			738.578								18
19							738.462						19
20													20
21								738.420					21
22						738.505							22
23													23
24					738.543		738.478						24
25													25
26													26
27													27
28							738.468						28
29													29
30					738.539								30
31								738.404					31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 738.583 METRES ON MAY 14 MAX. OBSERVED WATER LEVEL, 739.058 METRES ON JUL 17/74
MINIMUM OBSERVED DAILY WATER LEVEL, 738.324 METRES ON OCT 14 MIN. OBSERVED WATER LEVEL, 737.970 METRES ON SEP 10/68
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA

LAKE - STATION DESCRIPTION

STATION NAME: ASTOTIN LAKE near Fort Saskatchewan

STATION NUMBER: 05EB905

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

GAUGE TYPE: Staff Gauge.

PERIOD OF RECORD: 1967 - 1981

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

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						711.739		711.689	711.585	711.501			1
2						711.742	711.686	711.699	711.565	711.501			2
3						711.746	711.680	711.708	711.555	711.502			3
4						711.738	711.676	711.688	711.564	711.496			4
5								711.711	711.564	711.495			5
6					711.804	711.734	711.671	711.701	711.564	711.490			6
7					711.807	711.738	711.678	711.694	711.563				7
8					711.804	711.734	711.697	711.687					8
9						711.731		711.681	711.555				9
10		711.709				711.733		711.678	711.553				10
11					711.804	711.733			711.547				11
12					711.804	711.733	711.690		711.540				12
13					711.801	711.721	711.689		711.532				13
14						711.721		711.666		711.511			14
15						711.716		711.662					15
16						711.714		711.655	711.521				16
17						711.721		711.649	711.521				17
18						711.722		711.639	711.520				18
19					711.790	711.717		711.634	711.535				19
20					711.788	711.717		711.629					20
21					711.787	711.715	711.682	711.628	711.529				21
22					711.785	711.712	711.687	711.618	711.524				22
23					711.783	711.712	711.685	711.618	711.524				23
24					711.761	711.712	711.684	711.607	711.524				24
25						711.709	711.683	711.607					25
26					711.755	711.706	711.682	711.604					26
27					711.755	711.693	711.683	711.599					27
28					711.750	711.695	711.685						28
29					711.748	711.691	711.695	711.590					29
30					711.744		711.700	711.586					30
31					711.739	711.688	711.699	711.590	711.502				31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 711.807 METRES ON MAY 7 MAX. OBSERVED WATER LEVEL, 711.940 METRES ON MAY 4/71
MINIMUM OBSERVED DAILY WATER LEVEL, 711.490 METRES ON OCT 6 MIN. OBSERVED WATER LEVEL, 711.260 METRES ON OCT 26/67
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA

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 - 1981

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

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

STATION NO 05EA90N3

[illegible]

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 836.949 METRES ON AUG 11 MAX. OBSERVED WATER LEVEL, 837.085 METRES ON MAY 8/74
MINIMUM OBSERVED DAILY WATER LEVEL, 836.095 METRES ON FEB 19 MIN. OBSERVED WATER LEVEL, 836.095 METRES ON FEB 19/81
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA

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 - 1981

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

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

DEAR LAKE NEAR BELLIS

STATION NO. 05ED901

DAILY WATER LEVEL IN METRES FOR 1981

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

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 686.245 METRES ON MAY 14 MAX. OBSERVED WATER LEVEL, 686.340 METRES ON AUG 15/79
MINIMUM OBSERVED DAILY WATER LEVEL, 686.033 METRES ON OCT 8 MIN. OBSERVED WATER LEVEL, 685.855 METRES ON OCT 7/74
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LAKE - STATION DESCRIPTION

STATION NAME: BEAR LAKE near Edson

STATION NUMBER: 07AG901

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

GAUGE TYPE: Staff Gauge.

PERIOD OF RECORD: 1969 - 1981

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 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5									870.628				5
6								870.709					6
7								870.709					7
8								870.709	870.621				8
9								870.709					9
10								870.703					10
11													11
12													12
13													13
14													14
15													15
16	870.742							870.677					16
17								870.674					17
18													18
19													19
20								870.671					20
21													21
22					870.711			870.652					22
23								870.651					23
24								870.645					24
25								870.642					25
26													26
27													27
28								870.624					28
29								870.629					29
30								870.632					30
31								870.633					31
TOTAL													TOTAL

SUMMARY FOR THE YEAR 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 870.742 METRES ON JAN 16 MAX. OBSERVED WATER LEVEL, 870.742 METRES ON JAN 16/81
MINIMUM OBSERVED DAILY WATER LEVEL, 870.554 METRES ON OCT 22 MIN. OBSERVED WATER LEVEL, 870.469 METRES ON OCT 6/70
WATER LEVELS ARE REFERRED TO GEODETIC ELEVATION

MEAN
MAX
MIN

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 - 1981

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 1981

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							786.725						10
11								786.849					11
12													12
13													13
14													14
15													15
16										786.750			16
17													17
18													18
19													19
20		786.686											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 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 786.849 METRES ON AUG 11 MAX. OBSERVED WATER LEVEL, 788.719 METRES ON APR 25/74
MINIMUM OBSERVED DAILY WATER LEVEL, 736.686 METRES ON FEB 19 MIN. OBSERVED WATER LEVEL, 786.174 METRES ON AUG 15/78
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA

LAKE - STATION DESCRIPTION

STATION NAME: BEARTRAP LAKE near Grand 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 - 1981

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

REMARKS: Geodetic Elevation verified November 1980.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

BEARTRAP LAKE NEAR GRAND CENTRE

STATION NO. 06AC914

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5													5
6										573.544			6
7													7
8													8
9													9
10							573.668						10
11													11
12	573.724												12
13					573.773								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 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 573.773 METRES ON MAY 13 MAX. OBSERVED WATER LEVEL, 573.780 METRES ON JUN 12/74
MINIMUM OBSERVED DAILY WATER LEVEL, 573.544 METRES ON OCT 6 MIN. OBSERVED WATER LEVEL, 573.152 METRES ON JUL 30/74
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA 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: None. Level established by surveying

PERIOD OF RECORD: 1973 - 1981

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

REMARKS: Geodetic Elevations verified in 1980.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

BEAUVAIS LAKE NEAR PINCHER CREEK

STATION NO. 05AA901

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1					1366.659								1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9			1366.461										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						1367.686							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 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 1367.884 METRES ON SEP 23 MAX. OBSERVED WATER LEVEL, 1367.940 METRES ON JUN 23/75
MINIMUM OBSERVED DAILY WATER LEVEL, 1366.461 METRES ON MAR 9 MIN. OBSERVED WATER LEVEL, 1366.461 METRES ON MAR 9/81
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA 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 - 1981

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

REMARKS: Water levels are Geodetic from 1969 - 1976, assumed 1976 - 1981.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

BEAUVALLON LAKE NEAR TWO HILLS

STATION NO. 05EE902

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1					29.599								1
2													2
3													3
4													4
5													5
6							29.375						6
7													7
8													8
9													9
10		29.495											10
11													11
12													12
13										29.264			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 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 29.599 METRES ON MAY 4 MAX. OBSERVED WATER LEVEL, 29.941 METRES ON MAY 15/79
MINIMUM OBSERVED DAILY WATER LEVEL, 29.264 METRES ON OCT 13 MIN. OBSERVED WATER LEVEL, 29.264 METRES ON OCT 13/81
WATER LEVELS ARE REFERRED TO ASSUMED DATUM

LAKE - STATION DESCRIPTION

STATION NAME: BEAVERDAM LAKE near Cardston

STATION NUMBER: 05AE905

LOCATION: 2-27-W4

GAUGE TYPE: None. Level established by surveying

PERIOD OF RECORD: 1979 - 1981

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. 05AE905

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5						30.264							5
6													6
7													7
8													8
9										29.870			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

30.078

30.264

29.870

SUMMARY FOR THE YEAR 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 30.264 METRES ON JUN 5 MAX. OBSERVED WATER LEVEL, 30.288 METRES ON JUN 11/80
MINIMUM OBSERVED DAILY WATER LEVEL, 29.870 METRES ON OCT 9 MIN. OBSERVED WATER LEVEL, 29.688 METRES ON NOV 5/79
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA 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 - 1981

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 1981

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					668.552								6
7													7
8													8
9							668.438						9
10		668.527											10
11													11
12													12
13													13
14													14
15													15
16										668.280			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 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 668.552 METRES ON MAY 6 MAX. OBSERVED WATER LEVEL, 669.243 METRES ON JUN 13/74
MINIMUM OBSERVED DAILY WATER LEVEL, 668.280 METRES ON OCT 14 MIN. OBSERVED WATER LEVEL, 667.872 METRES ON AUG 22/68
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA

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 - 1981

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 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1					30.038								1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10			29.931										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						30.087			29.669				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 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 30.087 METRES ON JUN 23 MAX. OBSERVED WATER LEVEL, 30.434 METRES ON MAY 23/79
MINIMUM OBSERVED DAILY WATER LEVEL, 29.669 METRES ON SEP 23 MIN. OBSERVED WATER LEVEL, 29.401 METRES ON OCT 24/77
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA 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: Staff Gauge.

PERIOD OF RECORD: 1972 - 1981

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.

BENS LAKE NEAR TWO HILLS

STATION NO. 05EE903

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1				600.227	599.929	599.895							1
2				600.210									2
3				600.182									3
4					599.940	599.898							4
5					599.923	599.785							5
6				600.148									6
7				600.112	599.920					599.681			7
8				600.086									8
9		599.973		600.084		599.764							9
10				600.087									10
11							599.767						11
12				600.063	599.923								12
13				600.045	599.929								13
14				600.051						599.510			14
15													15
16													16
17			599.770	600.051		599.734							17
18					599.932								18
19													19
20													20
21				600.005	599.929								21
22				599.984									22
23				599.987									23
24				599.962									24
25					599.892								25
26													26
27				599.994									27
28													28
29				599.953	599.901								29
30				599.938									30
31													31
TOTAL			600.221										TOTAL
			600.224										

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 600.227 METRES ON APR 1 MAX. OBSERVED WATER LEVEL, 601.477 METRES ON MAY 10/74
MINIMUM OBSERVED DAILY WATER LEVEL, 599.510 METRES ON OCT 13 MIN. OBSERVED WATER LEVEL, 559.510 METRES ON OCT 13/81
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA

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 - 1981

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)

HISTORICAL SUMMARY

Maximum Observed Water Level, 882.516 metres on May 9/81.

Minimum Observed Water Level, 880.979 metres on Oct. 30/79.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

BIGELOW RESERVOIR NEAR WIMBORNE

STATION NO. 05CE901

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1				882.300	882.250	882.271	882.129	882.025	881.882	881.663			1
2				882.308	882.249	882.269	882.118	882.020	881.877	881.658			2
3				882.315	882.247	882.269	882.109	882.026	881.869	881.654			3
4				882.318	882.240	882.266	882.103	882.046	881.868	881.649			4
5				882.320	882.247	882.260	882.090	882.058	881.863	881.640			5
6				882.325	882.310	882.264	882.080	882.060	881.857	881.636			6
7				882.312	882.398	882.259	882.077	882.064	881.851	881.634			7
8				882.310	882.494	882.253	882.076	882.061	881.846	881.640			8
9				882.312	882.516	882.249	882.065	882.056	881.839	881.637			9
10				882.303	882.487	882.250	882.052	882.055	881.828	881.631			10
11				882.304	882.444	882.264	882.042	882.052	881.820	881.631			11
12				882.297	882.416	882.264	882.038	882.044	881.813	881.624			12
13				882.292	882.395	882.259	882.041	882.036	881.801	881.621			13
14				882.288	882.376	882.252	882.046	882.028	881.790	881.617			14
15				882.287	882.363	882.248	882.050	882.021	881.783	881.609			15
16				882.291	882.355	882.243	882.051	882.013	881.775	881.606			16
17		881.475 A		882.288	882.346	882.233	882.051	882.006	881.772	881.604			17
18				882.287	882.343	882.221	882.045	881.998	881.768	881.598			18
19				882.274	882.331	882.215	882.039	881.990	881.755	881.594			19
20				882.118	882.329	882.207	882.038	881.984	881.718	881.593			20
21				882.119	882.281	882.199	882.033	881.977	881.714	881.588			21
22				882.120	882.277	882.190	882.025	881.969	881.709	881.581			22
23				882.126	882.276	882.182	882.020	881.958	881.709	881.579			23
24				882.140	882.272	882.174	882.010	881.947	881.705	881.580			24
25				882.175	882.272	882.160	882.006	881.935	881.698	881.581			25
26				882.205	882.268	882.157	881.999	881.924	881.690	881.581			26
27				882.213	882.262	882.157	881.994	881.918	881.681	881.576 A			27
28				882.221	882.259	882.149	881.991	881.913	881.678				28
29				882.213	882.258	882.141	882.017	881.904	881.675				29
30				882.263	882.253	882.136	882.027	881.897	881.669				30
31				882.286	882.269	882.136	882.026	881.887					31
TOTAL				26468.697	27352.337	26466.659	27343.488	27341.872	26453.303				TOTAL
MEAN				882.290	882.334	882.222	882.048	881.996	881.777				MEAN
MAX				882.325	882.516	882.271	882.129	882.064	881.882				MAX
MIN				882.253	882.240	882.136	881.991	881.587	881.669				MIN

SUMMARY FOR THE YEAR 1981

MAXIMUM DAILY WATER LEVEL, 882.516 METRES ON MAY 9

A-MANUAL GAUGE

MINIMUM DAILY WATER LEVEL, 881.475 METRES ON FEB 17
MAXIMUM INSTANTANEOUS WATER LEVEL, METRES AT
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

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 - 1981

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 1981

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

753.328

753.221

753.109

753.369

SUMMARY FOR THE YEAR 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 753.369 METRES ON APR 29
MINIMUM OBSERVED DAILY WATER LEVEL, 753.109 METRES ON OCT 14
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA

MAX. OBSERVED WATER LEVEL, 753.376 METRES ON AUG. 2/79
MIN. OBSERVED WATER LEVEL, 753.092 METRES ON MAR.11/80

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: None. Level established by surveying.

PERIOD OF RECORD: 1958-61; 1963; 1965 - 1981

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 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4		650.631											4
5													5
6													6
7													7
8													8
9													9
10													10
11					650.634								11
12													12
13													13
14													14
15													15
16										650.369			16
17													17
18													18
19													19
20													20
21													21
22							650.454						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 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 650.634 METRES ON MAY 11 MAX. OBSERVED WATER LEVEL, 652.665 METRES ON JUL 19/74
MINIMUM OBSERVED DAILY WATER LEVEL, 650.369 METRES ON OCT 13 MIN. OBSERVED WATER LEVEL, 649.599 METRES ON NOV 24/58
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA

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 - 1981

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 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4		682.482											4
5													5
6					682.503								6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15										682.331			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 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 682.503 METRES ON MAY 6 MAX. OBSERVED WATER LEVEL, 682.822 METRES ON JUN 10/77
MINIMUM OBSERVED DAILY WATER LEVEL, 682.331 METRES ON OCT 14 MIN. OBSERVED WATER LEVEL, 682.036 METRES ON OCT 21/69
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA

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 - 1981

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 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5					640.173								5
6													6
7													7
8													8
9													9
10		640.174					639.991						10
11													11
12													12
13													13
14													14
15													15
16										639.795			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 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 640.174 METRES ON FEB 10 MAX. OBSERVED WATER LEVEL, 640.863 METRES ON MAY 29/74
MINIMUM OBSERVED DAILY WATER LEVEL, 639.795 METRES ON OCT 14 MIN. OBSERVED WATER LEVEL, 638.675 METRES ON OCT 2/70
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA

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; 1980 - 1981

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 1981

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							26.830						10
11													11
12													12
13													13
14													14
15													15
16										26.797			16
17													17
18													18
19				26.930									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

27.032

26.830

26.797

SUMMARY FOR THE YEAR 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 27.032 METRES ON APR 29 MAX. OBSERVED WATER LEVEL, 27.209 METRES ON AUG 2/79
MINIMUM OBSERVED DAILY WATER LEVEL, 26.797 METRES ON OCT 15 MIN. OBSERVED WATER LEVEL, 26.600 METRES ON OCT 19/78
WATER LEVELS ARE REFERRED TO ASSUMED DATUM

LAKE - STATION DESCRIPTION

STATION NAME: BLACK DUCK LAKE near Hines Creek

STATION NUMBER: 07FD915

LOCATION: 83-3-W6 - 6 miles East and 4.5 miles South of Hines Creek.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1980 - 1981

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

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

BLACK DUCK LAKE NEAR HINES CREEK

STATION NO. 07FD915

DAILY WATER LEVEL IN METRES FOR 1981

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
										662.342			
16													16
17													17
18													18
19													19
20					662.671		662.504						20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

662.414

SUMMARY FOR THE YEAR 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 662.671 METRES ON MAY 20 MAX. OBSERVED WATER LEVEL, 662.671 METRES ON MAY 20/81
MINIMUM OBSERVED DAILY WATER LEVEL, 662.342 METRES ON OCT 14 MIN. OBSERVED WATER LEVEL, 662.342 METRES ON OCT 14/81
WATER LEVELS ARE REFERRED TO GEODETIC ELEVATION

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 - 1981

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 1981

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
	962.575												
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 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 962.837 METRES ON JUN 5 MAX. OBSERVED WATER LEVEL, 963.031 METRES ON SEP 24/78
MINIMUM OBSERVED DAILY WATER LEVEL, 962.575 METRES ON JAN 15 MIN. OBSERVED WATER LEVEL, 962.263 METRES ON SEP 23/75
WATER LEVELS ARE REFERRED TO GEODETIC ELEVATION

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 - 1981

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 1981

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										638.985			8
9													9
10							639.138						10
11													11
12		639.226											12
13					639.288								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 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 639.288 METRES ON MAY 14 MAX. OBSERVED WATER LEVEL, 639.757 METRES ON AUG 16/67
MINIMUM OBSERVED DAILY WATER LEVEL, 638.985 METRES ON OCT 8 MIN. OBSERVED WATER LEVEL, 639.032 METRES ON OCT 18/72
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA 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 - 1981

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 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1					881.878		881.802						1
2					881.878		881.795						2
3					881.875		881.795						3
4					881.875		881.789						4
5					881.875		881.789						5
6					881.878		881.783						6
7					881.878		881.783						7
8					881.878		881.786						8
9					881.869		881.771						9
10					881.866		881.774						10
11					881.866		881.768	881.856					11
12					881.866		881.768						12
13					881.869		881.768						13
14					881.869		881.768						14
15					881.878		881.765						15
16					881.887	881.792	881.765						16
17					881.884	881.799	881.783						17
18					881.887	881.805	881.802						18
19	881.780				881.884	881.805	881.808						19
20		881.783			881.881	881.811	881.811			881.701			20
21			881.832		881.881	881.817	881.811						21
22			881.850		881.881	881.823	881.805						22
23			881.859		881.881	881.823	881.805						23
24			881.859		881.881	881.823	881.811						24
25			881.875		881.887	881.823	881.814						25
26			881.881		881.878	881.823	881.814						26
27			881.881		881.878	881.817	881.820						27
28			881.881		881.869	881.811	881.820						28
29			881.878		881.866	881.802	881.835						29
30			881.841		881.838	881.802	881.832						30
31					881.859		881.847						31
TOTAL					27338.120		27335.687						TOTAL

MEAN 881.875
MAX 881.887
MIN 881.838

881.796
881.847
881.765

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 881.887 METRES ON MAY 16 MAX. OBSERVED WATER LEVEL, 882.652 METRES ON JUN 30/65
MINIMUM OBSERVED DAILY WATER LEVEL, 881.701 METRES ON OCT 15 MIN. OBSERVED WATER LEVEL, 881.198 METRES ON NOV 11/66
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA

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 - 1981

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

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

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

BUFFALO LAKE NEAR LA GLACE

STATION NO. 07GE901

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5													5
6										730.063			6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16							730.265						16
17													17
18													18
19													19
20													20
21													21
22	730.261												22
23							730.446						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 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 730.446 METRES ON MAY 22
 MINIMUM OBSERVED DAILY WATER LEVEL, 730.063 METRES ON OCT 8
 WATER LEVELS ARE REFERRED TO GEODETIC ELEVATION

MAX. OBSERVED WATER LEVEL, 730.795 METRES ON JUN 2/77
 MIN. OBSERVED WATER LEVEL, 730.063 METRES ON OCT 8/81

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 - 1981

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 STETTLE

STATION NO. 05CD901

DAILY WATER LEVEL IN METRES FOR 1981

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					780.547								6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15							780.448						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

780.449

780.448

780.229

SUMMARY FOR THE YEAR 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 780.547 METRES ON MAY 6 MAX. OBSERVED WATER LEVEL, 781.093 METRES ON AUG 10/42
MINIMUM OBSERVED DAILY WATER LEVEL, 780.229 METRES ON OCT 27 MIN. OBSERVED WATER LEVEL, 779.493 METRES ON SEP 10/64
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA

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 - 1981

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 1981

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					1186.190			1186.505					12
13													13
14													14
15													15
16							1186.371						16
17		1186.111											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

1186.103

MEAN
MAX
MIN

MEAN
MAX
MIN

HISTORICAL SUMMARY

SUMMARY FOR THE YEAR 1981
 MAXIMUM OBSERVED DAILY WATER LEVEL, 1186.505 METRES ON AUG 12
 MINIMUM OBSERVED DAILY WATER LEVEL, 1186.103 METRES ON OCT 27
 WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA
 MAX. OBSERVED WATER LEVEL, 1186.401 METRES ON JUL 21/71
 MIN. OBSERVED WATER LEVEL, 1184.849 METRES ON JAN 22/76

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 - 1981

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

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

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

CACHE LAKE NEAR SPEEDEN

STATION NO. 05ED903

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10							634.395			634.236			10
11													11
12		634.531											12
13					634.545								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 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 634.545 METRES ON MAY 14 MAX. OBSERVED WATER LEVEL, 634.938 METRES ON JUN 8/79
MINIMUM OBSERVED DAILY WATER LEVEL, 634.236 METRES ON OCT 8 MIN. OBSERVED WATER LEVEL, 633.292 METRES ON OCT 31/67
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA 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 - 1981

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 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5					693.303								5
6													6
7							693.123						7
8													8
9													9
10	693.271												10
11													11
12													12
13													13
14													14
15													15
16										692.978			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 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 693.303 METRES ON MAY 5 MAX. OBSERVED WATER LEVEL, 693.969 METRES ON JUL 11/74
MINIMUM OBSERVED DAILY WATER LEVEL, 692.978 METRES ON OCT 14 MIN. OBSERVED WATER LEVEL, 693.085 METRES ON OCT 5/77
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA

LAKE - STATION DESCRIPTION

STATION NAME: CAPTAINS LAKE near Thorhild

STATION NUMBER: 05EC908

LOCATION: 59-23-W4 - 11 km west and 7 km south of Thorhild

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1981

HYDROGRAPHIC SURVEY MAP AVAILABLE:

~~YES~~/NO

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

CAPTAINS LAKE NEAR THORHILD

STATION NO. 05EC908

DAILY WATER LEVEL IN METRES FOR 1981

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										29.315			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 1981

MAXIMUM OBSERVED DAILY WATER LEVEL, 29.315 METRES ON OCT 9

MINIMUM OBSERVED DAILY WATER LEVEL, 29.315 METRES ON OCT 9
WATER LEVELS ARE REFERRED TO ASSUMED

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 - 1981

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 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1					644.136	644.136	644.080	644.025					1
2					644.106	644.106	644.080	644.020					2
3					644.107	644.107	644.080	644.017					3
4					644.107	644.107	644.077	644.012					4
5					644.107	644.107	644.065	644.007					5
6					644.097	644.097	644.061	644.002					6
7					644.097	644.097	644.058	643.997					7
8					644.097	644.097	644.053	643.992					8
9					644.096	644.096	644.051	643.987					9
10					644.087	644.087	644.046	643.982					10
11					644.087	644.087	644.044	643.976					11
12					644.088	644.088	644.037	643.970					12
13					644.088	644.088	644.032	643.964					13
14					644.088	644.088	644.027	643.957		643.824			14
15					644.088	644.088	644.024	643.951					15
16					644.088	644.088	644.019	643.944					16
17					644.088	644.088	644.014	643.938					17
18		643.994			644.088	644.088	644.016	643.933					18
19					644.088	644.088	644.054	643.928					19
20					644.169	644.088	644.056	643.927					20
21					644.163	644.089	644.054	643.927					21
22					644.165	644.089	644.052	643.922					22
23					644.163	644.088	644.051	643.912					23
24					644.160	644.088	644.046	643.902					24
25					644.160	644.087	644.043	643.892					25
26					644.159	644.085	644.043	643.892					26
27					644.155	644.084	644.042	643.892					27
28					644.152	644.084	644.042	643.892					28
29					644.152	644.084	644.037	643.892					29
30					644.146	644.083	644.027	643.892					30
31					644.144	644.083	644.027	643.892					31
TOTAL					19322.777	19965.438	19962.436						TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 644.169 METRES ON MAY 20 MAX. OBSERVED WATER LEVEL, 644.646 METRES ON JUN 13/79
MINIMUM OBSERVED DAILY WATER LEVEL, 643.824 METRES ON OCT 14 MIN. OBSERVED WATER LEVEL, 643.533 METRES ON NOV 3/67
WATER LEVELS ARE REFERRED TO GEODETIC ELEVATION

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 - 1981

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 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4		853.840											4
5													5
6					853.699								6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15										853.289			15
16													16
17													17
18													18
19													19
20													20
21													21
22							853.688						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 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 853.840 METRES ON FEB 4 MAX. OBSERVED WATER LEVEL, 854.287 METRES ON JUL 15/80
MINIMUM OBSERVED DAILY WATER LEVEL, 853.289 METRES ON OCT 14 MIN. OBSERVED WATER LEVEL, 851.047 METRES ON MAY 17/71
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA

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 - 19 81

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

REMARKS: There is a Ducks Unlimited Control Structure on this lake.
Tied to Geodetic Datum December 1981.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

CAVAN LAKE NEAR MEDICINE HAT

STATION NO. 05AH901

DAILY WATER LEVEL IN METRES FOR 1981

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											805.410		6
7													7
8													8
9													9
10													10
11													11
12						805.925							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 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 805.925 METRES ON JUN 12
MINIMUM OBSERVED DAILY WATER LEVEL, 805.410 METRES ON NOV 6
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

MAX. OBSERVED WATER LEVEL, 809.702 METRES ON MAY 15/79
MIN. OBSERVED WATER LEVEL, 805.410 METRES ON NOV 6/81

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 - 1981

HYDROGRAPHIC SURVEY MAP AVAILABLE:

~~YES~~/NO

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

CHAPPELL LAKE NEAR ASHMONT

STATION NO. 06AA903

DAILY WATER LEVEL IN METRES FOR 1981

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							615.122			615.017			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 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 615.335 METRES ON FEB 12
MINIMUM OBSERVED DAILY WATER LEVEL, 615.017 METRES ON OCT 8
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

MAX. OBSERVED WATER LEVEL, 615.964 METRES ON JUL 23/72
MIN. OBSERVED WATER LEVEL, 615.017 METRES ON OCT 8/81

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 - 1981

HYDROGRAPHIC SURVEY MAP AVAILABLE: YES/NO

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

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

CHARLOTTE LAKE NEAR BONNYVILLE

STATION NO. 06AC902

DAILY WATER LEVEL IN METRES FOR 1981

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										548.382			6
7													7
8													8
9													9
10							548.622						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

548.866

548.828

548.622

548.382

MEAN
MAX
MIN

MEAN
MAX
MIN

HISTORICAL SUMMARY

SUMMARY FOR THE YEAR 1981

MAXIMUM OBSERVED DAILY WATER LEVEL, 548.866 METRES ON FEB 11 MAX. OBSERVED WATER LEVEL, 549.878 METRES ON MAY 30/75
MINIMUM OBSERVED DAILY WATER LEVEL, 548.382 METRES ON OCT 6 MIN. OBSERVED WATER LEVEL, 548.594 METRES ON JAN 23/74
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA 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 - 1981

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 1981

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		736.733											6
7													7
8					736.726								8
9													9
10							736.650						10
11													11
12													12
13													13
14													14
15													15
16										736.516			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 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 736.733 METRES ON FEB 6 MAX. OBSERVED WATER LEVEL, 737.061 METRES ON AUG 7/79
MINIMUM OBSERVED DAILY WATER LEVEL, 736.516 METRES ON OCT 15 MIN. OBSERVED WATER LEVEL, 735.641 METRES ON OCT 20/72
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA

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 - 1981

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 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1							622.119			621.927			1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12		622.229											12
13					622.259								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 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 622.259 METRES ON MAY 13 MAX. OBSERVED WATER LEVEL, 622.819 METRES ON JUN 12/74
MINIMUM OBSERVED DAILY WATER LEVEL, 621.927 METRES ON OCT 7 MIN. OBSERVED WATER LEVEL, 621.927 METRES ON OCT 7/81
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA 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 - 1981

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 1981

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	672.497												7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15							672.788						15
16													16
17													17
18													18
19						672.916							19
20								672.686					20
21					672.989								21
22									672.600				22
23										672.617			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 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 672.989 METRES ON MAY 21 MAX. OBSERVED WATER LEVEL, 673.553 METRES ON MAY 3/77
MINIMUM OBSERVED DAILY WATER LEVEL, 672.497 METRES ON JAN 7 MIN. OBSERVED WATER LEVEL, 672.497 METRES ON JAN 7/81
WATER LEVELS ARE REFERRED TO GEODETIC ELEVATION

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: Staff Gauge.

PERIOD OF RECORD: 1975 - 1981

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 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						566.896	566.855	566.816	566.738	566.660			1
2						566.896	566.855	566.816	566.728	566.660			2
3							566.845	566.816	566.728	566.650			3
4						566.886	566.845	566.817	566.728	566.650			4
5							566.845	566.817	566.728	566.653			5
6							566.845	566.817	566.728				6
7						566.876	566.845	566.807	566.728				7
8						566.876	566.857	566.807	566.729				8
9		566.910				566.876	566.845	566.807	566.729				9
10						566.876	566.845	566.807	566.729				10
11					566.949	566.876		566.787	566.709				11
12						566.866		566.787	566.709				12
13					566.947	566.866		566.787	566.709				13
14								566.787	566.699				14
15					566.947	566.866		566.787	566.699				15
16						566.866			566.689				16
17						566.876			566.689				17
18						566.876			566.689				18
19					566.927	566.876			566.689				19
20						566.876			566.689				20
21					566.927	566.876		566.757	566.689				21
22						566.876		566.758	566.689				22
23					566.927	566.876		566.758	566.689				23
24						566.865		566.748	566.689				24
25					566.927	566.865		566.748	566.689				25
26					566.906	566.865		566.748	566.690				26
27					566.906	566.865		566.738	566.690				27
28					566.906	566.865		566.728	566.690				28
29						566.855		566.728	566.670				29
30					566.906	566.855		566.728					30
31					566.896	566.855		566.738	566.670				31
TOTAL									17001.118				TOTAL

MEAN
MAX
MIN

566.704
566.738
566.670

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 566.949 METRES ON MAY 11 MAX. OBSERVED WATER LEVEL, 567.922 METRES ON JUL 29/75
MINIMUM OBSERVED DAILY WATER LEVEL, 566.650 METRES ON OCT 3 MIN. OBSERVED WATER LEVEL, 566.650 METRES ON OCT 3/81
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LAKE - STATION DESCRIPTION

STATION NAME: CLEAR LAKE near Stavelly

STATION NUMBER: 05AC901

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

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1977 - 1981

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 1981

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

963.839

963.839

963.458

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 963.839 METRES ON MAR 12 MAX. OBSERVED WATER LEVEL, 964.808 METRES ON APR 28/78
MINIMUM OBSERVED DAILY WATER LEVEL, 963.458 METRES ON SEP 23 MIN. OBSERVED WATER LEVEL, 963.351 METRES ON NOV 6/79
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA 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 - 1981

HYDROGRAPHIC SURVEY MAP AVAILABLE: YES/NO

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

COM LAKE NEAR ROCKY MOUNTAIN HOUSE

STATION NO. 05DC902

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						1035.456							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							1035.462						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

1035.377

1035.565

1035.489

SUMMARY FOR THE YEAR 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 1035.565 METRES ON AUG 12
MINIMUM OBSERVED DAILY WATER LEVEL, 1035.377 METRES ON FEB 17
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

MEAN
MAX
MIN

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 - 1981

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/~~NO~~

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

CRIMSON LAKE NEAR ROCKY MOUNTAIN HOUSE

STATION NO. 05DC903

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						966.841	966.804	966.883					1
2						966.841	966.801	966.880					2
3						966.850	966.798	966.880					3
4						966.835	966.783	966.877					4
5						966.841	966.780	966.871					5
6						966.835	966.774	966.865					6
7						966.844	966.774	966.856					7
8					966.819	966.838	966.774	966.850					8
9					966.819	966.835		966.844					9
10					966.822	966.853		966.841					10
11					966.822	966.841	966.777	966.835					11
12					966.822	966.838	966.777	966.826					12
13					966.819	966.841	966.780	966.835					13
14					966.819	966.838	966.804	966.813					14
15						966.838	966.832	966.816					15
16		966.737			966.819	966.835	966.835	966.795					16
17					966.819	966.835	966.835	966.801					17
18					966.822	966.835	966.832	966.801					18
19					966.826	966.826	966.822	966.801					19
20					966.829	966.829	966.835	966.795					20
21					966.838	966.829	966.832	966.789					21
22					966.838	966.819	966.832	966.786					22
23					966.838	966.813	966.832	966.780					23
24					966.838	966.819	966.862	966.765					24
25					966.838	966.807	966.862	966.771					25
26					966.838	966.804	966.856	966.768		966.743			26
27					966.838	966.804	966.856	966.762					27
28					966.832	966.804	966.856	966.758					28
29					966.826	966.804	966.859	966.758					29
30					966.841	966.807	966.883	966.758					30
31					966.841		966.883	966.755					31
TOTAL						29004.879		29971.215					TOTAL

MEAN 966.829
MAX 966.853
MIN 966.804

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 966.883 METRES ON JUL 30 MAX. OBSERVED WATER LEVEL, 967.551 METRES ON JUN 3/65
MINIMUM OBSERVED DAILY WATER LEVEL, 966.737 METRES ON FEB 16 MIN. OBSERVED WATER LEVEL, 966.591 METRES ON MAY 22/80
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LAKE - STATION DESCRIPTION

STATION NAME: CROW INDIAN LAKE

STATION NUMBER: 05AF901

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

GAUGE TYPE: None. Level established by surveying

PERIOD OF RECORD: 1977 - 1981

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 1981

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			28.420			28.398							10
11													11
12													12
13													13
14													14
15													15
16									28.474				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 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 28.474 METRES ON SEP 15 MAX. OBSERVED WATER LEVEL, 28.993 METRES ON SEP 5/78
MINIMUM OBSERVED DAILY WATER LEVEL, 28.398 METRES ON JUN 10 MIN. OBSERVED WATER LEVEL, 28.078 METRES ON AUG 29/80
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LAKE - STATION DESCRIPTION

STATION NAME: CRYSTAL LAKE near Grande Prairie

STATION NUMBER: 07GE903

LOCATION: 71-6-W6 - 3.2 km East of Clairmont Road in Grande
Prairie, 1.6 km South to Circle G. Ranch.

GAUGE TYPE: Staff Gauge

PERIOD OF RECORD: 1968; 1972-73, 1975 - 1981

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 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						681.533							1
2						681.535							2
3						681.528							3
4						681.535							4
5						681.516							5
6						681.514							6
7	681.244					681.516							7
8						681.517							8
9						681.513							9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17		681.485					681.348						17
18													18
19													19
20							681.217						20
21									681.161				21
22										681.123			22
23													23
24				681.626									24
25													25
26					681.543								26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 681.626 METRES ON APR 24 MAX. OBSERVED WATER LEVEL, 681.777 METRES ON MAY 10/77
MINIMUM OBSERVED DAILY WATER LEVEL, 681.123 METRES ON OCT 23 MIN. OBSERVED WATER LEVEL, 681.123 METRES ON OCT 23/81
WATER LEVELS ARE REFERRED TO GEODETIC ELEVATION

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 - 1981

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 MEMBLEY

STATION NO. 07GE904

DAILY WATER LEVEL IN METRES FOR 1981

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										715.783			9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20							716.062						20
21	716.126												21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL					716.196								TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 716.196 METRES ON MAY 28 MAX. OBSERVED WATER LEVEL, 716.524 METRES ON JUN 3/77
MINIMUM OBSERVED DAILY WATER LEVEL, 715.783 METRES ON OCT 8 MIN. OBSERVED WATER LEVEL, 715.783 METRES ON OCT 8/81
WATER LEVELS ARE REFERRED TO GEODETIC ELEVATION

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: None. Level established by surveying.

PERIOD OF RECORD: 1979 - 1981

HYDROGRAPHIC SURVEY MAP AVAILABLE:

~~YES~~/NO

REMARKS: 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.

CYGNET LAKE NEAR SYLVAN LAKE

STATION NO. 05CC901

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						931.474							1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12								931.379					12
13													13
14													14
15													15
16		931.058					931.430						16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26										931.156			26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 931.474 METRES ON JUN 3
MINIMUM OBSERVED DAILY WATER LEVEL, 931.058 METRES ON FEB 16
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA
MAX. OBSERVED WATER LEVEL, 931.563 METRES ON JUN 30/80
MIN. OBSERVED WATER LEVEL, 930.786 METRES ON OCT 6/79

LAKE - STATION DESCRIPTION

STATION NAME: DAKIN LAKE near Atmore

STATION NUMBER: 07CA904

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

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1974 - 1981

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

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

STATION NO 07CA906

[illegible][illegible]

MAXIMUM OBSERVED DAILY WATER LEVEL, 604.313 METRES ON MAY 11 MAX. OBSERVED WATER LEVEL. 604.638 METRES ON OCT 6/75

MINIMUM OBSERVED DAILY WATER LEVEL, 603.994 METRES ON OCT 5 MIN. OBSERVED WATER LEVEL, 603.994 METRES ON OCT 5/81
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LAKE - STATION DESCRIPTION

STATION NAME: DAPP LAKE near Westlock

STATION NUMBER: 07BC903

LOCATION: 62-25-W/4 - 13 miles North and 9 miles East of Westlock

GAUGE TYPE: Staff Gauge

PERIOD OF RECORD: 1980 - 1981

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

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

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

DAPP LAKE NEAR WESTLOCK

STATION NO. 07BC903

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3		638.668					638.480				638.419		3
4								638.937	638.785				4
5					638.747								5
6										638.663			6
7													7
8													8
9													9
10													10
11						638.450				638.691			11
12													12
13								638.876					13
14					638.663					638.633			14
15													15
16							638.572						16
17													17
18													18
19								638.815					19
20													20
21									638.724				21
22					638.450		638.778						22
23	638.633					638.511							23
24													24
25													25
26					638.450								26
27													27
28													28
29							638.846	638.785		638.419			29
30													30
31							638.876						31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 638.937 METRES ON AUG 4 MAX. OBSERVED WATER LEVEL, 638.937 METRES ON AUG 4/81
MINIMUM OBSERVED DAILY WATER LEVEL, 638.419 METRES ON OCT 28 MIN. OBSERVED WATER LEVEL, 638.419 METRES ON OCT 28/81
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA

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 - 1981

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 1981

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										711.656			9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17							711.863						17
18													18
19													19
20													20
21													21
22	711.938												22
23													23
24													24
25													25
26													26
27													27
28					712.027								28
29													29
30													30
31													31
TOTAL													TOTAL

SUMMARY FOR THE YEAR 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 712.027 METRES ON MAY 28 MAX. OBSERVED WATER LEVEL, 712.403 METRES ON JUN 3/77
MINIMUM OBSERVED DAILY WATER LEVEL, 711.656 METRES ON OCT 8 MIN. OBSERVED WATER LEVEL, 711.656 METRES ON OCT 8/81
WATER LEVELS ARE REFERRED TO GEODETIC ELEVATION

MEAN
MAX
MIN

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 - 1981

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 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1					620.543	620.474	620.428						1
2					620.540	620.460	620.428						2
3					620.534	620.464	620.428						3
4					620.534	620.462	620.428						4
5					620.605	620.458	620.417						5
6					620.599	620.533	620.457	620.416					6
7					620.594	620.532	620.460	620.414					7
8					620.596	620.528	620.456	620.409					8
9					620.593	620.522	620.452	620.407					9
10					620.593	620.524	620.446	620.402					10
11	620.537				620.591	620.524	620.451	620.397					11
12					620.590	620.521	620.451	620.392					12
13					620.587	620.520	620.449	620.387					13
14					620.588	620.516	620.448	620.382					14
15						620.510	620.452	620.379					15
16					620.581	620.509	620.450	620.375					16
17					620.577	620.509	620.448	620.372					17
18					620.572	620.507	620.447	620.374					18
19					620.570	620.505	620.444	620.372					19
20					620.569	620.503	620.443	620.369					20
21					620.569	620.506	620.441	620.366					21
22					620.564	620.506	620.439	620.361					22
23					620.558	620.505	620.434	620.355					23
24					620.553	620.501	620.429	620.351					24
25					620.553	620.497	620.427	620.348					25
26					620.551	620.486	620.422	620.345		620.226			26
27					620.549	620.484	620.414	620.343					27
28					620.555	620.481	620.399	620.330					28
29					620.554	620.475	620.398	620.318					29
30					620.552	620.473	620.433	620.315					30
31					620.548		620.432	620.304					31
TOTAL						18615.362	19233.740	19231.712					TOTAL

MEAN	620.512	620.443	620.378
MAX	620.543	620.474	620.428
MIN	620.473	620.398	620.304

SUMMARY FOR THE YEAR 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 620.609 METRES ON MAY 4 MAX. OBSERVED WATER LEVEL, 621.140 METRES ON AUG 1/75
MINIMUM OBSERVED DAILY WATER LEVEL, 620.226 METRES ON OCT 26 MIN. OBSERVED WATER LEVEL, 620.226 METRES ON OCT 26/81
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA

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 - 1981

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 NEAR DIMSDALE

STATION NO. 07GE906

DAILY WATER LEVEL IN METRES FOR 1981

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										682.707			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

683.106

682.895

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 683.106 METRES ON MAY 28 MAX. OBSERVED WATER LEVEL, 683.548 METRES ON AUG 26/76
MINIMUM OBSERVED DAILY WATER LEVEL, 682.707 METRES ON OCT 8 MIN. OBSERVED WATER LEVEL, 682.707 METRES ON OCT 8/81
WATER LEVELS ARE REFERRED TO GEODETIC ELEVATION

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 - 1981

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 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5					DRY								5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15							DRY						15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27										DRY			27
28													28
29													29
30													30
31													31
TOTAL		790.781											TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 790.781 METRES ON FEB 27
MINIMUM OBSERVED DAILY WATER LEVEL, DRY ON MAY 5
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA
MAX. OBSERVED WATER LEVEL, 792.788 METRES ON APR 19/58
MIN. OBSERVED WATER LEVEL, DRY ON NUMEROUS OCCASIONS

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 - 1981

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 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1					684.606								1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9							684.521						9
10													10
11													11
12													12
13													13
14													14
15													15
16										684.574			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

684.286

MEAN
MAX
MIN

MEAN
MAX
MIN

HISTORICAL SUMMARY

SUMMARY FOR THE YEAR 1981

MAXIMUM OBSERVED DAILY WATER LEVEL, 684.606 METRES ON MAY 5

MINIMUM OBSERVED DAILY WATER LEVEL, 682.990 METRES ON NOV 28/73

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA

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 - 1981

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.)

HISTORICAL SUMMARY

Maximum Observed Water Level, 685.208 metres on Aug. 18/81.

Minimum Observed Water Level, 684.142 metres on Sep. 27/76.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

DRIEDMEAT LAKE AT OUTFLOW

STATION NO. 05FA020

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1				684.881	684.624	684.639	684.562	684.660	684.875	684.606			1
2				684.617	684.617	684.629	684.540	684.675	684.865	684.618			2
3				684.881	684.607	684.657	684.542	684.690	684.801	684.608			3
4				684.873	684.579	684.648	684.542	684.705	684.794	684.608			4
5				684.874	684.559	684.628	684.526	684.725	684.777	684.592			5
6				684.899	684.596	684.636	684.538	684.756	684.761	684.600			6
7				684.855	684.594	684.630	684.557	684.799	684.742	684.613			7
8				684.836	684.604	684.627	684.553	684.847	684.736	684.640			8
9				684.839	684.578	684.627	684.541	684.895	684.727	684.632			9
10				684.822	684.591	684.619	684.536	684.959	684.725	684.621			10
11				684.820	684.592	684.617	684.528	685.016	684.695	684.624			11
12				684.826	684.593	684.621	684.522	685.074	684.686	684.627			12
13				684.780	684.584	684.612	684.530	685.112	684.667	684.628			13
14				684.766	684.590	684.611	684.539	685.140	684.658	684.617			14
15				684.766	684.591	684.612	684.546	685.178	684.639	684.610			15
16				684.776	684.602	684.631	684.541	685.197	684.635	684.630			16
17				684.742	684.584	684.613	684.533	685.205	684.649	684.618			17
18				684.596	684.726	684.610	684.531	685.208	684.640	684.600			18
19				684.635	684.661	684.635	684.587	685.200	684.668	684.625			19
20				684.674	684.729	684.639	684.586	685.202	684.659	684.617			20
21				684.702	684.726	684.638	684.595	685.194	684.616	684.606			21
22				684.725	684.695	684.623	684.554	685.177	684.628	684.591			22
23				684.745	684.689	684.610	684.565	685.148	684.619	684.654			23
24				684.768	684.697	684.596	684.562	685.121	684.619	684.590			24
25				684.774	684.667	684.606	684.551	685.088	684.622	684.587			25
26				684.804	684.661	684.637	684.553	685.057	684.615	684.584			26
27				684.816	684.648	684.633	684.568	685.034	684.585	684.581			27
28				684.829	684.667	684.672	684.558	685.016	684.605	684.578			28
29				684.846	684.655	684.636	684.543	684.985	684.610	684.575			29
30				684.857	684.596	684.625	684.528	684.962	684.596	684.572			30
31				684.864	684.642	684.642	684.630	684.894		684.569			31
TOTAL				20542.934	21222.887	20538.115	21221.110	21234.919	20540.514	21222.821			TOTAL

MEAN	684.765	684.609	684.604	684.552	684.997	684.684	684.607	MEAN
MAX	684.899	684.672	684.657	684.630	685.208	684.875	684.654	MAX
MIN	684.596	684.559	684.543	684.522	684.660	684.585	684.569	MIN

SUMMARY FOR THE YEAR 1981

MAXIMUM DAILY WATER LEVEL, 685.208 METRES ON AUG 18

MINIMUM DAILY WATER LEVEL, 684.522 METRES ON JUL 12
MAXIMUM INSTANTANEOUS WATER LEVEL, METRES AT
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA

ON

E-ESTIMATED

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 - 1981

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

REMARKS: Geodetic Elevation verified April 1978.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

EARLIE LAKE NEAR KITSICOTY

STATION NO. 05FE903

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1					652.639								1
2													2
3													3
4													4
5													5
6													6
7							652.424						7
8													8
9													9
10		652.534											10
11													11
12										652.216			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 1981

MAXIMUM OBSERVED DAILY WATER LEVEL, 652.639 METRES ON MAY 4
MINIMUM OBSERVED DAILY WATER LEVEL, 652.216 METRES ON OCT 13
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA

HISTORICAL SUMMARY

MAX. OBSERVED WATER LEVEL, 653.141 METRES ON MAY 29/74
MIN. OBSERVED WATER LEVEL, 652.216 METRES ON OCT 13/81

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 - 1981

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

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

ECCLIES POND NEAR HINTON

STATION NO. 07AD901

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2							1081.221						2
3													3
4													4
5					1081.235								5
6													6
7													7
8													8
9													9
10							1081.216						10
11													11
12					1081.230								12
13													13
14													14
15	1081.135												15
16													16
17							1081.225						17
18													18
19					1081.229								19
20													20
21					1081.231					1081.112			21
22													22
23							1081.259						23
24													24
25													25
26						1081.229							26
27													27
28													28
29					1081.250								29
30							1081.164						30
31													31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 1081.259 METRES ON JUL 23 MAX. OBSERVED WATER LEVEL, 1081.562 METRES ON JUN 1/77
MINIMUM OBSERVED DAILY WATER LEVEL, 1081.112 METRES ON OCT 21 MIN. OBSERVED WATER LEVEL, 1080.970 METRES ON JAN 26/76
WATER LEVELS ARE REFERRED TO GEODETIC ELEVATION

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 - 1981

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 1981

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		735.614											6
7													7
8				735.788									8
9													9
10							735.728						10
11													11
12													12
13													13
14													14
15										735.576			15
16													16
17													17
18													18
19													19
20													20
21													21
22							735.738						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 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 735.788 METRES ON MAY 8 MAX. OBSERVED WATER LEVEL, 736.162 METRES ON MAY 9/72
MINIMUM OBSERVED DAILY WATER LEVEL, 735.576 METRES ON OCT 15 MIN. OBSERVED WATER LEVEL, 735.135 METRES ON SEP 11/68
WATER LEVELS ARE REFERRED TO GEODTIC SURVEY OF CANADA

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 - 1981

HYDROGRAPHIC SURVEY MAP AVAILABLE: YES/NO

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

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

ETHEL LAKE NEAR COLD LAKE

STATION NO. 06AC904

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						540.993	540.968	540.943	540.832	540.736	540.689		1
2						540.991	540.967	540.941	540.827	540.738	540.687		2
3							540.959	540.940	540.822	540.735	540.684		3
4						540.993	540.957	540.940	540.817	540.733	540.683		4
5						540.994	540.954	540.938	540.813	540.732			5
6	540.982				540.986	540.994	540.955	540.932	540.810	540.729	540.697		6
7					540.986	540.994	540.952	540.928	540.810	540.729			7
8					540.986	540.994	540.982	540.920	540.807	540.727	540.680		8
9					540.987	541.003	540.978	540.916	540.803	540.724			9
10		540.988	540.997		540.985	541.003	540.974	540.912	540.799	540.721	540.682	540.681	10
11					540.981	541.005	540.967	540.906	540.792	540.720			11
12					540.976	541.001	540.966	540.900	540.786	540.720			12
13					540.976	540.996	540.970	540.896	540.780	540.716			13
14				540.992	540.974	540.991	540.974	540.891	540.775	540.714			14
15					540.974	540.989	540.976	540.888	540.770	540.712			15
16					540.973	540.986	540.980	540.884	540.770	540.710			16
17					540.973	540.984	540.979	540.877	540.766	540.708			17
18					540.971	540.985	540.974	540.870	540.764	540.703			18
19					540.972	540.986	540.969	540.863	540.756	540.700			19
20													20
21					540.972	540.986	540.963	540.857	540.753	540.699			21
22					540.972	540.986	540.963	540.856	540.750	540.698			22
23					540.972	540.986	540.961	540.852	540.749	540.699			23
24					540.973	540.985	540.959	540.847	540.751	540.696			24
25					540.973	540.991	540.959	540.841	540.749	540.695			25
26					540.975	540.983	540.959	540.836	540.747	540.693			26
27					540.979	540.979	540.951	540.831	540.743	540.693			27
28					540.988	540.976	540.948	540.825	540.740	540.696			28
29					540.992	540.976	540.945	540.820	540.740	540.693			29
30					540.992	540.968	540.943	540.834	540.740	540.691			30
31					540.992		540.943	540.832		540.689			31
TOTAL						16769.859		16223.321	16762.053				TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 541.005 METRES ON JUN 11 MAX. OBSERVED WATER LEVEL, 541.215 METRES ON JUN 1/78
MINIMUM OBSERVED DAILY WATER LEVEL, 540.680 METRES ON NOV 8 MIN. OBSERVED WATER LEVEL, 540.587 METRES ON NOV 5/79
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA 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 - 1981

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 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						29.204					29.192		1
2													2
3													3
4													4
5													5
6													6
7													7
8		29.162											8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16							29.224						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 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 29.224 METRES ON JUL 16 MAX. OBSERVED WATER LEVEL, 29.328 METRES ON OCT 19/72
MINIMUM OBSERVED DAILY WATER LEVEL, 29.162 METRES ON FEB - 8 MIN. OBSERVED WATER LEVEL, 28.764 METRES ON JAN 15/75
WATER LEVELS ARE REFERRED TO ASSUMED DATUM

LAKE - STATION DESCRIPTION

STATION NAME: FERGUSON LAKE near Clairmont

STATION NUMBER: 07GE907

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

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1975 - 1981

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 1981

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

671.055

671.035

670.906

670.762

670.674

670.640

SUMMARY FOR THE YEAR 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 671.055 METRES ON MAY 21 MAX. OBSERVED WATER LEVEL, 671.456 METRES ON MAY 30/79

MINIMUM OBSERVED DAILY WATER LEVEL, 670.640 METRES ON OCT 23 MIN. OBSERVED WATER LEVEL, 670.173 METRES ON NOV 10/78
WATER LEVELS ARE REFERRED TO GEODETIC ELEVATION

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 - 1981

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 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5		29.658					29.755		29.682	29.673			5
6													6
7								29.767					7
8													8
9													9
10							29.735		29.671	29.674			10
11													11
12						29.719							12
13													13
14								29.743					14
15	29.660												15
16													16
17							29.754			29.672			17
18									29.664				18
19													19
20						29.779		29.723					20
21					29.794							29.704	21
22													22
23													23
24							29.784						24
25									29.680				25
26													26
27								29.702					27
28													28
29					29.829	29.765							29
30							29.803						30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 29.829 METRES ON MAY 29 MAX. OBSERVED WATER LEVEL, 30.224 METRES ON JUN 22/80
MINIMUM OBSERVED DAILY WATER LEVEL, 29.658 METRES ON FEB 5 MIN. OBSERVED WATER LEVEL, 29.416 METRES ON AUG 3/72
WATER LEVELS ARE REFERRED TO ASSUMED ELEVATION

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: Staff Gauge.

PERIOD OF RECORD: 1973 - 1981

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 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1					1336.854	1336.815	1336.996	1336.786					1
2						1336.815	1336.986	1336.986					2
3						1336.966	1336.966	1336.956					3
4					1336.830	1336.815	1336.956	1336.786					4
5						1336.805		1336.786					5
6						1336.796	1336.806	1336.926	1336.786				6
7					1336.804	1336.806	1336.916	1336.796					7
8					1336.799		1336.901	1336.796					8
9						1336.786	1336.886						9
10													10
11						1336.804	1336.796	1336.876	1336.786				11
12						1336.804	1336.786	1336.786					12
13						1336.804	1336.831	1336.846	1336.786				13
14						1336.805		1336.836	1336.786				14
15						1336.805	1336.836	1336.836	1336.786				15
16		1336.760				1336.805	1336.890	1336.846					16
17							1336.906	1336.836					17
18							1336.911	1336.831					18
19						1336.805	1336.896	1336.785					19
20						1336.805	1336.886	1336.795					20
21						1336.805	1336.896	1336.816	1336.795				21
22							1336.806	1336.806	1336.795				22
23						1336.800	1336.976	1336.806					23
24							1336.996	1336.806					24
25								1336.790					25
26					1336.906	1336.790	1336.986	1336.790	1336.801				26
27						1336.805	1336.956	1336.790					27
28						1336.805	1336.946	1336.796					28
29					1336.905		1336.791	1336.795					29
30					1336.884	1336.810	1336.796						30
31					1336.864		1336.796						31
TOTAL							1337.006						TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 1337.006 METRES ON JUL 31 MAX. OBSERVED WATER LEVEL, 1337.356 METRES ON MAY 22/74
MINIMUM OBSERVED DAILY WATER LEVEL, 1336.760 METRES ON FEB 16 MIN. OBSERVED WATER LEVEL, 1336.420 METRES ON JAN 5/76
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LAKE - STATION DESCRIPTION

STATION NAME: FLAT LAKE near Boyle

STATION NUMBER: 07CA905

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

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1958-59; 1965 - 1981

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 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5										587.363			5
6													6
7							587.076						7
8													8
9													9
10		587.620											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				587.656									TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 587.656 METRES ON APR 27 MAX. OBSERVED WATER LEVEL, 588.572 METRES ON NOV 10/70
 MINIMUM OBSERVED DAILY WATER LEVEL, 587.076 METRES ON JUL 7 MIN. OBSERVED WATER LEVEL, 587.076 METRES ON JUL 7/81
 WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA 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: None. Level established by surveying.

PERIOD OF RECORD: 1968 - 1981

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 1981

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										602.201			8
9													9
10							602.411						10
11													11
12		602.351											12
13													13
14					602.491								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 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 602.491 METRES ON MAY 14 MAX. OBSERVED WATER LEVEL, 603.056 METRES ON JUN 13/74
MINIMUM OBSERVED DAILY WATER LEVEL, 602.201 METRES ON OCT 8 MIN. OBSERVED WATER LEVEL, 602.309 METRES ON NOV 5/71
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LAKE - STATION DESCRIPTION

STATION NAME: FLOOD LAKE near Chinook Valley

STATION NUMBER: 07HA905

LOCATION: 86-25-W5 - 6 miles West and 2 miles North of Chinook Valley.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1980 - 1981

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

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

FLOOD LAKE NEAR CHINOOK VALLEY

STATION NO. 07HA905

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1					633.850	633.807	633.731	633.604	633.545				1
2					633.841		633.729	633.602	633.543				2
3					633.836		633.719	633.586	633.542				3
4					633.826		633.715	633.586	633.542				4
5													5
6					633.825	633.781	633.713	633.594	633.542				6
7					633.819	633.778	633.711	633.590	633.540				7
8					633.817	633.768	633.707	633.586	633.548				8
9					633.816	633.767	633.703	633.582	633.552				9
10					633.814	633.765		633.578	633.554				10
11					633.811	633.762		633.574	633.552				11
12					633.809	633.758		633.570	633.552				12
13					633.802	633.752		633.563	633.552				13
14					633.800	633.751		633.563	633.553				14
15					633.800	633.753	633.655	633.561					15
16					633.821	633.752	633.653	633.559					16
17					633.821	633.750	633.651	633.555					17
18					633.822	633.749	633.649	633.555					18
19					633.824	633.745	633.647	633.555					19
20					633.823	633.745	633.645	633.559					20
21					633.868	633.823	633.748	633.639	633.557				21
22					633.868	633.823	633.746	633.633	633.565				22
23					633.873	633.824	633.742	633.628	633.565				23
24					633.871	633.822	633.738	633.624	633.563				24
25					633.869	633.823	633.744	633.620	633.563				25
26					633.864	633.821	633.738	633.616	633.563				26
27					633.862	633.818	633.742	633.614	633.563				27
28	633.735				633.861	633.816	633.738	633.610	633.561				28
29					633.859		633.738	633.606	633.555				29
30					633.854	633.809	633.734	633.604	633.555				30
31					633.852		633.730	633.604					31
TOTAL									19007.150				TOTAL

MEAN	633.572	MEAN
MAX	633.604	MAX
MIN	633.555	MIN

SUMMARY FOR THE YEAR 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 633.873 METRES ON MAY 23 MAX. OBSERVED WATER LEVEL, 663.873 METRES ON MAY 23/81
MINIMUM OBSERVED DAILY WATER LEVEL, 633.540 METRES ON OCT 7 MIN. OBSERVED WATER LEVEL, 633.540 METRES ON OCT 7/81
WATER LEVELS ARE REFERRED TO GEODETIC ELEVATION

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 surveying.

PERIOD OF RECORD: 1968; 1972-73; 1975 - 1981

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

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

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

FLYINGSHOT LAKE NEAR GRANDE PRAIRIE
DAILY WATER LEVEL IN METRES FOR 1981

STATION NO. 07GE908

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5													5
6										650.515			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							650.692						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

650.747

650.894

650.692

650.515

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 650.894 METRES ON MAY 22 MAX. OBSERVED WATER LEVEL, 651.184 METRES ON MAY 10/77
MINIMUM OBSERVED DAILY WATER LEVEL, 650.515 METRES ON OCT 6 MIN. OBSERVED WATER LEVEL, 650.515 METRES ON OCT 6/81
WATER LEVELS ARE REFERRED TO GEODETIC ELEVATION

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: None. Level established by surveying.

PERIOD OF RECORD: 1968 - 1981

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.
Water levels assumed prior to 1979.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

FORK LAKE NEAR LAC LA BICHE

STATION NO. 06AA905

DAILY WATER LEVEL IN METRES FOR 1981

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										587.498			6
7													7
8													8
9													9
10		587.790											10
11													11
12					587.801								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 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 587.816 METRES ON JUL 8 MAX. OBSERVED WATER LEVEL, 588.572 METRES ON JAN 22/74
MINIMUM OBSERVED DAILY WATER LEVEL, 587.498 METRES ON OCT 6 MIN. OBSERVED WATER LEVEL, 587.498 METRES ON OCT 6/81
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA 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 - 1981

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

REMARKS: Geodetic Elevation verified May 1978. There is a Ducks
Unlimited Control Structure on this lake. Geodetic elevations
verified again in 1981. Water levels are assumed 1972 - 1974,
Geodetic 1974 to 1981.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

FREEMAN LAKE NEAR SWAN HILLS

STATION NO. 07AH902

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4		1078.354											4
5													5
6					1078.441								6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15										1078.675			15
16													16
17													17
18													18
19													19
20													20
21							1078.881						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 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 1078.881 METRES ON JUL 22 MAX. OBSERVED WATER LEVEL, 1079.065 METRES ON SEP 30/80
MINIMUM OBSERVED DAILY WATER LEVEL, 1078.354 METRES ON FEB 4 MIN. OBSERVED WATER LEVEL, 1077.648 METRES ON FEB 5/80
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA

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 - 1981

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 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5													5
6										573.826			6
7													7
8													8
9													9
10							574.016						10
11		574.053											11
12					574.076								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 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 574.076 METRES ON MAY 12 MAX. OBSERVED WATER LEVEL, 574.889 METRES ON JUN 11/74
MINIMUM OBSERVED DAILY WATER LEVEL, 573.826 METRES ON OCT 7 MIN. OBSERVED WATER LEVEL, 573.826 METRES ON OCT 7/81
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA 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 - 1981

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 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						944.332							1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12								944.511					12
13													13
14													14
15													15
16		944.094					944.357						16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26										944.265			26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 944.511 METRES ON AUG 12 MAX. OBSERVED WATER LEVEL, 944.935 METRES ON APR 26/71
MINIMUM OBSERVED DAILY WATER LEVEL, 944.094 METRES ON FEB 16 MIN. OBSERVED WATER LEVEL, 942.350 METRES ON JAN 27/78
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA 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 - 1981

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/~~NO~~

REMARKS: Geodetic Elevation verified April 1978.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

GARNER LAKE NEAR SPEEDEN

STATION NO. 06AA906

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1							608.432						1
2							608.442						2
3							608.432						3
4							608.447						4
5							608.428						5
6						608.453	608.447	608.404					6
7													7
8													8
9										608.184			9
10						608.434	608.392						10
11						608.419							11
12		608.378				608.421							12
13						608.418							13
14													14
15					608.473	608.418							15
16					608.485		608.444						16
17					608.473								17
18					608.485	608.439	608.441						18
19					608.470	608.439	608.437						19
20					608.473	608.424	608.441						20
21					608.478	608.424							21
22					608.478	608.446							22
23					608.478	608.449	608.434						23
24					608.475	608.445							24
25					608.478	608.451							25
26						608.442							26
27					608.472	608.448							27
28					608.472	608.442							28
29					608.472	608.442							29
30					608.469	608.448							30
31					608.468								31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 608.485 METRES ON MAY 15 MAX. OBSERVED WATER LEVEL, 608.594 METRES ON JUN 8/79
MINIMUM OBSERVED DAILY WATER LEVEL, 608.184 METRES ON OCT 8 MIN. OBSERVED WATER LEVEL, 607.726 METRES ON SEP 18/69
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LAKE - STATION DESCRIPTION

STATION NAME: GEORGE LAKE (EAST) near Hines Creek

STATION NUMBER: 07FD916

LOCATION: 83-4-W6 - approximately 1.5 miles east and 1.5 miles south of Hines Creek.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1980 - 1981

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/~~NO~~

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

GEORGE LAKE (EAST) NEAR HINES CREEK

STATION NO. 07FD916

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16										652.294			16
17													17
18													18
19													19
20					652.578			652.474					20
21													21
22													22
23													23
24													24
25													25
26													26
27					652.053								27
28													28
29													29
30													30
31													31
TOTAL													TOTAL

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 652.578 METRES ON MAY 20 MAX. OBSERVED WATER LEVEL, 652.578 METRES ON MAY 20/81
MINIMUM OBSERVED DAILY WATER LEVEL, 652.053 METRES ON JAN 27 MIN. OBSERVED WATER LEVEL, 651.963 METRES ON SEP 24/80
WATER LEVELS ARE REFERRED TO GEODETIC ELEVATION

LAKE - STATION DESCRIPTION

STATION NAME: GEORGE LAKE (WEST) near Hines Creek

STATION NUMBER: 07FD917

LOCATION: 83-4-W6 - 1 mile East and 1.5 miles South of Hines Creek.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1980 - 1981

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

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

GEORGE LAKE (WEST) NEAR HINES CREEK

STATION NO. 07FD917

DAILY WATER LEVEL IN METRES FOR 1981

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										651.275			16
17													17
18													18
19													19
20					651.581								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

651.463

651.581

651.421

651.275

SUMMARY FOR THE YEAR 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 651.581 METRES ON MAY 20 MAX. OBSERVED WATER LEVEL, 651.581 METRES ON MAY 20/81
MINIMUM OBSERVED DAILY WATER LEVEL, 651.275 METRES ON OCT 14 MIN. OBSERVED WATER LEVEL, 651.275 METRES ON OCT 14/81
WATER LEVELS ARE REFERRED TO GEODETIC ELEVATION

LAKE - STATION DESCRIPTION

STATION NAME: GERRY LAKE, near Hines Creek

STATION NUMBER: 07FD904

LOCATION: 84-2-W6 - 17 km east and 3 km north of Hines Creek.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1973 - 1979, 1981

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

REMARKS: Levels 1973 - 79 were not Gerry Lake proper but an adjacent pond.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

GERRY LAKE NEAR HINES CREEK

STATION NO. 07FD904

DAILY WATER LEVEL IN METRES FOR 1981

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						666.860				666.663			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 1981

MAXIMUM OBSERVED DAILY WATER LEVEL, 666.860 METRES ON JUN 11

MINIMUM OBSERVED DAILY WATER LEVEL, 666.663 METRES ON OCT 12
WATER LEVELS ARE REFERRED TO GEODETIC ELEVATION

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 - 1981

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 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3		631.181											3
4													4
5					631.213								5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13										631.074			13
14													14
15													15
16													16
17								631.193					17
18													18
19													19
20													20
21							631.244						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 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 631.244 METRES ON JUL 21 MAX. OBSERVED WATER LEVEL, 631.619 METRES ON AUG 8/79
MINIMUM OBSERVED DAILY WATER LEVEL, 631.074 METRES ON OCT 13 MIN. OBSERVED WATER LEVEL, 630.799 METRES ON JUL 10/69
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA

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: Staff Gauge.

PERIOD OF RECORD: 1971 - 1981

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 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						1347.090	1347.192	1347.315	1347.311				1
2								1347.265	1347.265				2
3								1347.202	1347.265				3
4						1347.107	1347.202	1347.265	1347.316				4
5							1347.202		1347.336				5
6							1347.197	1347.271	1347.346				6
7							1347.212	1347.261	1347.346				7
8						1347.100		1347.261	1347.341				8
9						1347.110		1347.256					9
10							1347.213	1347.256					10
11							1347.213	1347.256	1347.336				11
12						1347.131	1347.213		1347.336				12
13						1347.131	1347.218		1347.336				13
14						1347.141	1347.263	1347.256	1347.336				14
15						1347.146		1347.261	1347.336				15
16		1346.969				1347.141	1347.198	1347.271					16
17							1347.183	1347.271					17
18							1347.193	1347.276	1347.331				18
19						1347.166	1347.173		1347.345				19
20						1347.166	1347.133		1347.355				20
21						1347.161	1347.174	1347.286	1347.355				21
22								1347.286	1347.355				22
23						1347.161		1347.286					23
24							1347.284	1347.291					24
25							1347.274	1347.296	1347.365				25
26					1347.075	1347.152	1347.264		1347.365	1347.387			26
27						1347.172	1347.264		1347.375				27
28						1347.182	1347.264	1347.296	1347.375				28
29					1347.075			1347.296					29
30					1347.080	1347.182		1347.306	1347.375				30
31					1347.080		1347.305	1347.306					31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 1347.387 METRES ON OCT 26 MAX. OBSERVED WATER LEVEL, 1347.387 METRES ON OCT 26/81
MINIMUM OBSERVED DAILY WATER LEVEL, 1346.969 METRES ON FEB 16 MIN. OBSERVED WATER LEVEL, 1346.619 METRES ON JAN 5/76
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA

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 - 1981

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 1981

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										770.451			6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16							770.683						16
17													17
18													18
19													19
20													20
21	770.836												21
22													22
23							770.828						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 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 770.836 METRES ON JAN 22 MAX. OBSERVED WATER LEVEL, 771.034 METRES ON AUG 26/76
MINIMUM OBSERVED DAILY WATER LEVEL, 770.451 METRES ON OCT 6 MIN. OBSERVED WATER LEVEL, 770.138 METRES ON JAN 10/79
WATER LEVELS ARE REFERRED TO GEODETIC ELEVATION

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 - 1981

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 1981

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

580.678

580.774

580.658

580.422

SUMMARY FOR THE YEAR 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 580.774 METRES ON MAY 14 MAX. OBSERVED WATER LEVEL, 581.180 METRES ON JUN 13/74
MINIMUM OBSERVED DAILY WATER LEVEL, 580.422 METRES ON OCT 8 MIN. OBSERVED WATER LEVEL, 580.422 METRES ON OCT 8/81
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

MEAN
MAX
MIN

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: None. Level established by surveying.

PERIOD OF RECORD: 1968 - 1981

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 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4		724.442											4
5													5
6					724.461								6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15										724.361			15
16													16
17													17
18													18
19													19
20													20
21													21
22							724.540						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 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 724.540 METRES ON JUL 22 MAX. OBSERVED WATER LEVEL, 724.985 METRES ON MAY 16/74
MINIMUM OBSERVED DAILY WATER LEVEL, 724.361 METRES ON OCT 14 MIN. OBSERVED WATER LEVEL, 723.827 METRES ON JUN 5/68
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA

LAKE - STATION DESCRIPTION

STATION NAME: GOOSEBERRY LAKE near Consort

STATION NUMBER: 05GA904

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

GAUGE TYPE: Staff Gauge.

PERIOD OF RECORD: 1955-66; 1971 - 1981

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 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						695.846	695.844						1
2						695.846	695.844						2
3						695.846	695.845						3
4					695.847	695.846	695.845						4
5					695.846	695.845	695.845						5
6					695.846	695.846	695.845						6
7					695.846	695.846	695.845						7
8					695.846	695.846							8
9					695.840	695.847							9
10					695.840	695.847							10
11													11
12					695.840	695.846							12
13					695.840	695.846							13
14					695.840	695.846							14
15					695.840	695.846							15
							695.735						
16						695.845							16
17						695.845							17
18						695.845							18
19						695.845							19
20						695.845							20
21						695.845							21
22						695.845							22
23						695.845							23
24						695.845							24
25													25
26						695.844							26
27						695.844							27
28						695.844							28
29						695.844							29
30						695.844							30
31						695.844							31
TOTAL													TOTAL

695.534

MEAN
MAX
MIN

MEAN
MAX
MIN

HISTORICAL SUMMARY

SUMMARY FOR THE YEAR 1981

MAXIMUM OBSERVED DAILY WATER LEVEL, 695.847 METRES ON MAY 4 MAX. OBSERVED WATER LEVEL, 697.434 METRES ON JUL 12/56
MINIMUM OBSERVED DAILY WATER LEVEL, 695.534 METRES ON OCT 26 MIN. OBSERVED WATER LEVEL, 695.534 METRES ON OCT 26/81
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA

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 - 1981

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.)

STATION NO. 05CC903

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

1	1004.331	1004.315	1004.378
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			
20			
21			
22			
23			
24			
25			
26			
27			
28			
29			
30			
31			

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 1004.448 METRES ON AUG 11 MAX. OBSERVED WATER LEVEL, 1004.529 METRES ON NOV 12/80
MINIMUM OBSERVED DAILY WATER LEVEL, 1004.315 METRES ON OCT 15 MIN. OBSERVED WATER LEVEL, 1003.902 METRES ON MAR 18/76
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA

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: Staff Gauge

PERIOD OF RECORD: 1970 - 1981

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 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1					1117.325	1117.328	1117.283	1117.309					1
2					1117.328	1117.330	1117.279	1117.305					2
3					1117.330	1117.332	1117.270	1117.305					3
4					1117.332	1117.335	1117.268						4
5					1117.335	1117.338	1117.265						5
6					1117.336	1117.336	1117.297						6
7					1117.332	1117.329	1117.291						7
8					1117.329	1117.329	1117.283						8
9													9
10													10
11							1117.238						11
12						1117.341	1117.237						12
13	1117.311					1117.360							13
14						1117.371	1117.258						14
15						1117.374		1117.257					15
16						1117.371							16
17													17
18													18
19					1117.247	1117.352				1117.119			19
20					1117.355								20
21					1117.276	1117.353							21
22					1117.285	1117.350							22
23					1117.286	1117.345							23
24					1117.297								24
25													25
26					1117.300	1117.310							26
27					1117.307	1117.305							27
28					1117.307	1117.296	1117.245						28
29					1117.309	1117.286							29
30					1117.312	1117.294							30
31					1117.316		1117.309						31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 1117.374 METRES ON JUN 15 MAX. OBSERVED WATER LEVEL, 1117.809 METRES ON MAY 21/80
MINIMUM OBSERVED DAILY WATER LEVEL, 1117.119 METRES ON OCT 19 MIN. OBSERVED WATER LEVEL, 1116.437 METRES ON OCT /70
WATER LEVELS ARE REFERRED TO GEODETIC ELEVATION

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: Staff Gauge

PERIOD OF RECORD: 1971 - 1981

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 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1					1148.746	1149.163	1149.321	1149.304					1
2					1148.744	1149.170	1149.321	1149.308					2
3					1148.740	1149.178	1149.314	1149.313					3
4					1148.746	1149.176	1149.307	1149.317					4
5					1148.754	1149.173	1149.285	1149.320					5
6					1148.856	1149.181	1149.278	1149.325					6
7					1148.903	1149.181	1149.271	1149.323					7
8					1148.965	1149.183	1149.268						8
9					1148.972	1149.198	1149.256						9
10					1149.095	1149.198	1149.244						10
11					1149.075	1149.193	1149.233						11
12					1149.123	1149.190	1149.215						12
13					1149.131	1149.199	1149.207						13
14	1148.590				1149.135	1149.224	1149.203						14
15					1149.138	1149.216	1149.141						15
16					1149.133	1149.211	1149.129						16
17					1149.113	1149.208	1149.127						17
18					1149.119	1149.228	1149.230						18
19					1149.130	1149.249	1149.233						19
20				1148.752	1149.132	1149.251	1149.238		1149.410				20
21				1148.736	1149.137	1149.259	1149.238						21
22				1148.762	1149.146	1149.289	1149.243						22
23				1148.820	1149.146	1149.309	1149.257						23
24				1148.840	1149.139	1149.300							24
25				1148.827	1149.138	1149.282	1149.238						25
26				1148.801	1149.136	1149.279	1149.248						26
27				1148.791	1149.132	1149.263	1149.263						27
28				1148.777	1149.139	1149.266	1149.271						28
29				1148.768	1149.141	1149.319	1149.291						29
30				1148.757	1149.159	1149.319	1149.299						30
31				1148.755		1149.320	1149.351						31
TOTAL					34471.163	35626.175							TOTAL
MEAN					1149.039	1149.231							MEAN
MAX					1149.159	1149.320							MAX
MIN					1148.740	1149.163							MIN

SUMMARY FOR THE YEAR 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 1149.410 METRES ON OCT 20 MAX. OBSERVED WATER LEVEL, 1150.645 METRES ON JUN 6/80
MINIMUM OBSERVED DAILY WATER LEVEL, 1148.590 METRES ON JAN 14 MIN. OBSERVED WATER LEVEL, 1148.121 METRES ON FEB 21/79
WATER LEVELS ARE REFERRED TO GEODETIC ELEVATION

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 - 1981

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 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						1138.374	1138.226	1138.515	1138.470				1
2						1138.365	1138.222	1138.515	1138.475				2
3						1138.360	1138.214	1138.512	1138.480				3
4						1138.352	1138.208	1138.505	1138.489				4
5						1138.313	1138.206	1138.499	1138.492				5
6						1138.303	1138.206	1138.493	1138.494				6
7						1138.282	1138.204	1138.482	1138.494				7
8						1138.269	1138.202	1138.473					8
9						1138.262	1138.202	1138.473					9
10						1138.244	1138.205	1138.469					10
11						1138.251	1138.206	1138.445					11
12						1138.267	1138.215	1138.434					12
13						1138.283	1138.228	1138.429					13
14	1138.330					1138.292	1138.230	1138.426					14
15						1138.307	1138.245	1138.429					15
16						1138.313	1138.276	1138.437					16
17						1138.314	1138.280	1138.443					17
18						1138.315	1138.290	1138.446					18
19						1138.304	1138.309	1138.453					19
20					1138.351	1138.297	1138.327	1138.458		1138.463			20
21					1138.348	1138.285	1138.395	1138.460					21
22					1138.359	1138.282	1138.423	1138.463					22
23					1138.371	1138.278	1138.395						23
24					1138.388	1138.273	1138.423	1138.446					24
25					1138.388	1138.266	1138.436	1138.440					25
26					1138.401	1138.264	1138.455	1138.452					26
27					1138.405	1138.263	1138.455	1138.448					27
28					1138.395	1138.263	1138.461	1138.451					28
29					1138.393	1138.236	1138.485	1138.456					29
30					1138.382	1138.237	1138.465	1138.462					30
31					1138.378		1138.465	1138.466					31
TOTAL						34148.714	35287.559						TOTAL
MEAN						1138.290	1138.308						MEAN
MAX						1138.374	1138.485						MAX
MIN						1138.236	1138.202						MIN

SUMMARY FOR THE YEAR 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 1138.515 METRES ON AUG 1 MAX. OBSERVED WATER LEVEL, 1139.788 METRES ON SEP 19/80
MINIMUM OBSERVED DAILY WATER LEVEL, 1138.202 METRES ON JUL 8 MIN. OBSERVED WATER LEVEL, 1138.202 METRES ON JUL 8/81
WATER LEVELS ARE REFERRED TO GEODETIC ELEVATION

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 - 1981

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 1981

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										669.035			9
10							669.234						10
11													11
12		669.355											12
13													13
14					669.352								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 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 669.355 METRES ON FEB 12 MAX. OBSERVED WATER LEVEL, 670.078 METRES ON JUN 6/74
MINIMUM OBSERVED DAILY WATER LEVEL, 669.035 METRES ON OCT 8 MIN. OBSERVED WATER LEVEL, 668.893 METRES ON NOV 17/72
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA 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: Staff Gauge.

PERIOD OF RECORD: 1968 - 1981

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 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						728.618			728.429	728.379			1
2						728.548		728.489	728.409				2
3													3
4						728.618							4
5													5
6		728.547											6
7													7
8					728.649				728.409	728.388			8
9						728.608							9
10							728.528	728.519					10
11													11
12					728.638		728.608		728.391				12
13													13
14													14
15					728.638			728.518	728.490	728.379	728.377		15
16													16
17						728.598		728.538					17
18													18
19					728.628	728.590		728.480	728.369				19
20													20
21													21
22													22
23					728.618								23
24						728.588		728.548	728.381				24
25								728.548					25
26								728.441	728.382				26
27					728.598								27
28						728.588							28
29													29
30					728.608								30
31						728.558							31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 728.649 METRES ON MAY 8 MAX. OBSERVED WATER LEVEL, 728.649 METRES ON MAY 8/81
MINIMUM OBSERVED DAILY WATER LEVEL, 728.368 METRES ON OCT 6 MIN. OBSERVED WATER LEVEL, 727.119 METRES ON OCT 5/70
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA

LAKE - STATION DESCRIPTION

STATION NAME: HAY LAKE near Fairview

STATION NUMBER: 07FD919

LOCATION: 83-4-W6 - 9.6 km northwest of Fairview

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1981

HYDROGRAPHIC SURVEY MAP AVAILABLE: YES/NO

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

HAY LAKE NEAR FAIRVIEW

STATION NO. 07FD919

DAILY WATER LEVEL IN METRES FOR 1981

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										647.946			15
16													16
17													17
18													18
19													19
20					648.246								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 1981

MAXIMUM OBSERVED DAILY WATER LEVEL, 648.246 METRES ON MAY 20

MINIMUM OBSERVED DAILY WATER LEVEL, 647.946 METRES ON OCT 14
WATER LEVELS ARE REFERRED TO GEODETIC ELEVATION

LAKE - STATION DESCRIPTION

STATION NAME: HELEN LAKE near Dixonville

STATION NUMBER: 07HA906

LOCATION: 87-25-W5 - 6 Miles West of Dixonville.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1980 - 1981

HYDROGRAPHIC SURVEY MAP AVAILABLE:

~~YES~~/NO

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

HELEN LAKE NEAR DIXONVILLE

STATION NO. 07HA906

DAILY WATER LEVEL IN METRES FOR 1981

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										633.207			16
17													17
18													18
19													19
20					633.536								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

633.406

633.536

633.392

633.207

SUMMARY FOR THE YEAR 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 633.536 METRES ON MAY 20 MAX. OBSERVED WATER LEVEL, 633.536 METRES ON MAY 20/81
MINIMUM OBSERVED DAILY WATER LEVEL, 633.207 METRES ON OCT 14 MIN. OBSERVED WATER LEVEL, 633.207 METRES ON OCT 14/81
WATER LEVELS ARE REFERRED TO GEODETIC ELEVATION

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: Staff Gauge

PERIOD OF RECORD: 1976 - 1981

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

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

HERMIT LAKE NEAR GRANDE PRAIRIE

STATION NO. 07GEE909

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1					660.282	660.171	660.053	659.934	659.885				1
2					660.278	660.167	660.045	659.932	659.897				2
3					660.276	660.161	660.041	659.932	659.875				3
4						660.156	660.035	659.930	659.871				4
5					660.257	660.150	660.033	659.932	659.867				5
6					660.251	660.146	660.027	659.936	659.871				6
7					660.249	660.140	660.025	659.922					7
8					660.247	660.134	660.021	659.922	659.871				8
9					660.245	660.131	660.011	659.920					9
10					660.241	660.127	660.009	659.910					10
11					660.240	660.121	660.005	659.908					11
12					660.246	660.117	659.997	659.906					12
13					660.242	660.113	659.995	659.902					13
14					660.242	660.109	659.987	659.900					14
15					660.234	660.106	659.983	659.892					15
16					660.232	660.104	659.973	659.892					16
17					660.233	660.102	659.967	659.890					17
18					660.231	660.098	659.959	659.890					18
19					660.229	660.094	659.957	659.886					19
20					660.225	660.092	659.953	659.886					20
21	660.003				660.221	660.090	659.945	659.880					21
22					660.218	660.088	659.941	659.882					22
23					660.214	660.086	659.939	659.882					23
24					660.210	660.084	659.933	659.888					24
25					660.204	660.080	659.927	659.887					25
26					660.200	660.078	659.923	659.887					26
27					660.196	660.074	659.941	659.883					27
28					660.191	660.068	659.932	659.885					28
29					660.185	660.064	659.920	659.883					29
30					660.265	660.064	659.916	659.879					30
31					660.286	660.057	659.930						31
TOTAL						20463.376	20459.323	19797.058					TOTAL

MEAN	660.109	659.978	659.902	MEAN
MAX	660.171	660.053	659.936	MAX
MIN	660.057	659.916	659.879	MIN

SUMMARY FOR THE YEAR 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 660.286 METRES ON MAY 31 MAX. OBSERVED WATER LEVEL, 660.364 METRES ON MAY 31/79
MINIMUM OBSERVED DAILY WATER LEVEL, 659.867 METRES ON OCT 5 MIN. OBSERVED WATER LEVEL, 659.867 METRES ON OCT 5/81
WATER LEVELS ARE REFERRED TO GEODETIC ELEVATION

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: Staff Gauge.

PERIOD OF RECORD: 1968 - 1981

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 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						729.093	729.093						1
2						729.093	729.092						2
3						729.094	729.090						3
4						729.093	729.091						4
5						729.093	729.090						5
6		729.053				729.093	729.089						6
7						729.094	729.089						7
8						729.094	729.088						8
9					729.094	729.093	729.088						9
10					729.095	729.093	729.087	729.055					10
11					729.095	729.092	729.086						11
12					729.095	729.093	729.084						12
13					729.093	729.092	729.084						13
14					729.094	729.093	729.083						14
15					729.095	729.093	729.080						15
16					729.095	729.094	729.080			728.926			16
17					729.094	729.094	729.079						17
18					729.093	729.093	729.076						18
19					729.093	729.093	729.076						19
20					729.093	729.094	729.073						20
21					729.092	729.094	729.072						21
22					729.093	729.094	729.070						22
23					729.093	729.094	729.060						23
24					729.094	729.093	729.068						24
25					729.094	729.093	729.067						25
26					729.095	729.092	729.067						26
27					729.095	729.092	729.064						27
28					729.094	729.092	729.063						28
29					729.094	729.093	729.066						29
30					729.092	729.093	729.070						30
31					729.092	729.093	729.069						31
TOTAL						21872.794	22601.434						TOTAL
MEAN						729.093	729.079						MEAN
MAX						729.094	729.093						MAX
MIN						729.092	729.060						MIN

SUMMARY FOR THE YEAR 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 729.095 METRES ON MAY 10 MAX. OBSERVED WATER LEVEL, 729.095 METRES ON MAY 10/81
MINIMUM OBSERVED DAILY WATER LEVEL, 728.926 METRES ON OCT 15 MIN. OBSERVED WATER LEVEL, 727.856 METRES ON MAY 18/71
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA

LAKE - STATION DESCRIPTION

STATION NAME: HUGHES LAKE near Grande Prairie

STATION NUMBER: 07GE910

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

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1975 - 1981

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 1981

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										661.629			6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17							661.842						17
18													18
19													19
20													20
21													21
22	661.897												22
23													23
24													24
25													25
26													26
27													27
28					661.995								28
29													29
30													30
31													31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 661.995 METRES ON MAY 28 MAX. OBSERVED WATER LEVEL, 662.462 METRES ON MAY 10/77
MINIMUM OBSERVED DAILY WATER LEVEL, 661.629 METRES ON OCT 8 MIN. OBSERVED WATER LEVEL, 661.497 METRES ON SEP 22/80
WATER LEVELS ARE REFERRED TO GEODETIC ELEVATION

LAKE - STATION DESCRIPTION

STATION NAME: IOSEGUN LAKE near Fox Creek

STATION NUMBER: 07GG901

LOCATION: 63-19-W5 - 3.5 miles North of Fox Creek at
Forestry campsite on Iosegun Lake.

GAUGE TYPE: Staff Gauge

PERIOD OF RECORD: 1975 - 1981

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 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						773.841	773.583	773.453	773.304				1
2							773.580	773.453					2
3							773.571	773.448					3
4													4
5						773.962	773.551						5
6						773.962	773.551	773.429					6
7						773.954		773.419					7
8						773.936		773.419					8
9							773.512	773.420					9
10							773.502	773.400					10
11						773.879	773.492						11
12						773.843	773.493						12
13						773.862	773.468	773.396					13
14						773.836		773.381					14
15						773.830		773.381					15
16	773.407						773.469	773.377					16
17							773.454	773.367					17
18						773.775	773.454						18
19						773.759	773.452						19
20						773.757	773.453	773.343					20
21													21
22					773.610	773.735		773.343					22
23					773.616	773.716	773.455	773.324					23
24					773.619	773.704	773.471						24
25					773.617	773.674	773.446						25
26						773.672							26
27						773.675	773.446						27
28					773.660	773.649	773.446						28
29					773.694	773.637							29
30					773.718	773.614	773.456						30
31					773.754		773.457						31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 773.962 METRES ON JUN 5 MAX. OBSERVED WATER LEVEL, 774.323 METRES ON JUN 1/77
MINIMUM OBSERVED DAILY WATER LEVEL, 773.173 METRES ON OCT 22 MIN. OBSERVED WATER LEVEL, 773.173 METRES ON OCT 22/81
WATER LEVELS ARE REFERRED TO GEODETIC ELEVATION

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 - 1981

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 1981

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										579.151			6
7													7
8													8
9													9
10		579.364					579.343						10
11					579.365								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 1981

MAXIMUM OBSERVED DAILY WATER LEVEL, 579.365 METRES ON MAY 12

MINIMUM OBSERVED DAILY WATER LEVEL, 579.151 METRES ON OCT 6
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA 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: Staff Gauge.

PERIOD OF RECORD: 1968 - 1981

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 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1					601.233	601.273	601.273	601.253	601.153	601.072			1
2					601.233	601.273	601.273	601.253	601.148	601.072			2
3		601.267			601.244	601.263	601.248	601.143	601.143	601.067			3
4					601.245	601.268	601.243	601.133	601.133	601.062			4
5					601.280	601.263	601.238	601.133	601.133	601.062			5
6					601.303	601.237	601.263	601.233	601.133	601.062			6
7					601.299	601.236	601.263	601.233	601.123	601.062			7
8					601.299	601.236	601.273	601.233	601.123	601.072			8
9					601.291	601.237	601.273	601.233	601.123	601.072			9
10					601.283	601.237	601.273	601.223	601.123	601.082			10
11					601.283	601.234	601.273	601.223	601.118	601.082			11
12					601.283	601.234	601.273	601.228	601.113	601.082			12
13					601.282	601.235	601.273	601.233	601.103	601.065			13
14					601.281	601.233	601.273	601.233	601.103	601.082			14
15					601.267	601.233	601.273	601.233	601.102	601.082			15
16					601.261	601.252	601.273	601.208	601.102	601.082			16
17					601.259	601.262	601.273	601.197	601.092	601.072			17
18					601.259	601.265	601.263	601.183	601.092	601.072			18
19					601.255	601.266	601.263	601.183	601.092	601.072			19
20					601.261	601.267	601.263	601.183	601.092	601.072			20
21					601.253	601.267	601.266	601.183	601.092	601.072			21
22					601.253	601.269	601.273	601.178	601.092	601.062			22
23					601.253	601.273	601.273	601.173	601.092	601.062			23
24					601.253	601.273	601.268	601.173	601.082	601.062			24
25					601.253	601.273	601.253	601.163	601.082	601.062			25
26					601.245	601.273	601.253	601.163	601.082	601.062			26
27					601.237	601.273	601.253	601.163	601.082				27
28					601.233	601.272	601.253	601.153	601.072				28
29					601.233	601.271	601.253	601.153	601.072				29
30					601.233	601.273	601.248	601.153	601.072				30
31					601.233	601.273	601.243	601.153					31
TOTAL					18037.581	18639.221	18637.302	18033.164					TOTAL

MEAN	601.253	601.265	601.203	601.105									MEAN
MAX	601.278	601.273	601.253	601.153									MAX
MIN	601.233	601.243	601.153	601.072									MIN

SUMMARY FOR THE YEAR 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 601.303 METRES ON MAY 6 MAX. OBSERVED WATER LEVEL, 601.700 METRES ON MAY 23/74
MINIMUM OBSERVED DAILY WATER LEVEL, 601.062 METRES ON OCT 4 MIN. OBSERVED WATER LEVEL, 601.012 METRES ON JUL 23/74
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA

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 - 1981

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 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						729.813	729.821	729.947	729.883	729.770			1
2						729.813	729.819	729.950	729.879	729.752			2
3						729.835	729.811	729.954	729.873	729.750			3
4						729.839	729.801	729.956	729.869	729.734			4
5		729.716				729.829	729.805	729.952	729.863	729.731			5
6						729.829	729.801	729.954	729.853	729.737			6
7					729.788	729.851	729.805	729.952	729.851	729.733			7
8						729.831	729.817	729.952	729.849	729.749			8
9						729.831	729.810	729.944	729.843	729.747			9
10					729.786	729.833	729.810	729.946	729.827	729.739			10
11					729.786	729.839	729.804	729.942	729.831	729.743			11
12					729.784	729.834	729.772	729.940	729.825	729.739			12
13					729.782	729.838	729.770	729.938	729.820	729.735			13
14					729.804	729.836	729.776	729.928	729.810	729.729			14
15					729.794	729.832	729.786	729.928	729.804	729.732			15
16					729.784	729.842	729.790	729.930	729.802				16
17					729.784	729.854	729.794	729.926	729.798				17
18					729.784	729.834	729.794	729.922	729.796				18
19					729.785	729.856	729.787	729.918	729.800				19
20					729.785	729.862	729.781	729.930	729.808				20
21					729.787	729.834	729.785	729.920	729.812				21
22					729.787	729.844	729.861	729.919	729.802				22
23					729.787	729.837	729.875	729.915	729.806				23
24					729.779	729.838	729.883	729.909	729.798				24
25					729.779	729.834	729.879	729.903	729.794				25
26					729.799	729.832	729.879	729.897	729.798				26
27					729.795	729.832	729.877	729.891	729.790				27
28					729.787	729.829	729.893	729.883	729.778				28
29					729.785	729.831	729.905	729.871	729.770				29
30					729.791	729.823	729.933	729.881	729.764				30
31					729.805		729.941	729.883					31
TOTAL						21895.065	22624.665	22627.681	21894.596				TOTAL

MEAN	729.835	729.828	729.925	729.820									MEAN
MAX	729.862	729.941	729.956	729.883									MAX
MIN	729.813	729.770	729.871	729.764									MIN

SUMMARY FOR THE YEAR 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 729.956 METRES ON AUG 4 MAX. OBSERVED WATER LEVEL, 730.718 METRES ON JUL 21/65
MINIMUM OBSERVED DAILY WATER LEVEL, 729.716 METRES ON FEB 5 MIN. OBSERVED WATER LEVEL, 729.219 METRES ON SEP 11/68
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA

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 - 1981

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 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						1142.095							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

1142.013

1142.139

1141.597

1141.721

SUMMARY FOR THE YEAR 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 1142.139 METRES ON JUL 16 MAX. OBSERVED WATER LEVEL, 1143.095 METRES ON JAN 19/77
MINIMUM OBSERVED DAILY WATER LEVEL, 1141.597 METRES ON AUG 11 MIN. OBSERVED WATER LEVEL, 1140.681 METRES ON AUG 14/73
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA

MEAN
MAX
MIN

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: Staff Gauge.

PERIOD OF RECORD: 1968 - 1981

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 1981

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		729.820								729.740			6
7													7
8					729.878				729.779				8
9								729.870					9
10													10
11													11
12													12
13													13
14													14
15									729.730	729.730			15
16													16
17													17
18													18
19													19
20									729.842				20
21													21
22										729.737			22
23							729.879						23
24													24
25													25
26													26
27								729.805					27
28													28
29													29
30													30
31								729.803	729.737				31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 729.879 METRES ON JUL 23 MAX. OBSERVED WATER LEVEL, 729.880 METRES ON MAY 28/79
MINIMUM OBSERVED DAILY WATER LEVEL, 729.730 METRES ON SEP 15 MIN. OBSERVED WATER LEVEL, 728.570 METRES ON OCT 5/70
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA

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 - 1981

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 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1					1151.127	1151.194	1151.194	1151.262	1151.217				1
2					1151.128	1151.186	1151.186	1151.263	1151.219				2
3					1151.126	1151.184	1151.184	1151.258	1151.221				3
4					1151.122	1151.180	1151.180	1151.260	1151.223				4
5					1151.122	1151.182	1151.182	1151.254	1151.226				5
6					1151.132	1151.182	1151.182	1151.246	1151.225				6
7					1151.132	1151.180	1151.180	1151.232					7
8					1151.134	1151.180	1151.180	1151.232					8
9					1151.137	1151.189	1151.189	1151.232					9
10					1151.144	1151.180	1151.180	1151.230					10
11					1151.159	1151.180	1151.180	1151.230					11
12					1151.164	1151.179	1151.179	1151.227					12
13					1151.164	1151.179	1151.179	1151.227					13
14	1151.330				1151.164	1151.192	1151.192	1151.227					14
15					1151.167	1151.189	1151.189	1151.225					15
16					1151.163	1151.187	1151.187	1151.226					16
17					1151.160	1151.187	1151.187	1151.225					17
18					1151.162	1151.186	1151.186	1151.225					18
19					1151.162	1151.188	1151.188	1151.208					19
20					1151.163	1151.186	1151.186	1151.206		1151.211			20
21					1151.130	1151.180	1151.199	1151.204					21
22					1151.150	1151.180	1151.215	1151.203					22
23					1151.160	1151.178	1151.220	1151.199					23
24					1151.157	1151.168	1151.239						24
25					1151.149	1151.174	1151.238	1151.199					25
26					1151.146	1151.173	1151.240	1151.197					26
27					1151.140	1151.174	1151.246	1151.197					27
28					1151.140	1151.180	1151.254	1151.199					28
29					1151.136	1151.180	1151.256	1151.199					29
30					1151.120	1151.180	1151.256	1151.208					30
31					1151.130	1151.180	1151.258	1151.213					31
TOTAL					34534.699	35687.311							TOTAL

MEAN	1151.157	1151.204											MEAN
MAX	1151.180	1151.258											MAX
MIN	1151.122	1151.179											MIN

SUMMARY FOR THE YEAR 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 1151.330 METRES ON JAN 14 MAX. OBSERVED WATER LEVEL, 1151.733 METRES ON JUN 5/80
MINIMUM OBSERVED DAILY WATER LEVEL, 1151.120 METRES ON MAY 30 MIN. OBSERVED WATER LEVEL, 1150.650 METRES ON JAN 25/78
WATER LEVELS ARE REFERRED TO GEODETIC ELEVATION

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 - 1981

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 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1									548.558				1
2								548.643					2
3													3
4													4
5													5
6							548.690			548.495			6
7									548.550				7
8													8
9							548.705						9
10								548.639					10
11		548.819											11
12					548.901		548.658						12
13													13
14						548.764							14
15													15
16													16
17													17
18								548.610					18
19							548.649						19
20													20
21						548.734							21
22													22
23													23
24								548.586					24
25													25
26													26
27							548.642						27
28						548.717							28
29													29
30													30
31													31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 548.901 METRES ON MAY 13 MAX. OBSERVED WATER LEVEL, 549.317 METRES ON MAY 30/75
MINIMUM OBSERVED DAILY WATER LEVEL, 548.495 METRES ON OCT 6 MIN. OBSERVED WATER LEVEL, 548.158 METRES ON OCT 25/69
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA 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 - 1981

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 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5													5
6		722.021											6
7													7
8					722.095								8
9													9
10							722.042						10
11													11
12													12
13													13
14													14
15										721.953			15
16													16
17													17
18													18
19													19
20													20
21													21
22						722.044							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 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 722.095 METRES ON MAY 8 MAX. OBSERVED WATER LEVEL, 722.230 METRES ON JUL 23/74
MINIMUM OBSERVED DAILY WATER LEVEL, 721.953 METRES ON OCT 15 MIN. OBSERVED WATER LEVEL, 720.925 METRES ON NOV 1/68
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA

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 - 1981

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 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1					759.547	759.473	759.400	759.435					1
2					759.547	759.468	759.400	759.430					2
3					759.537	759.459	759.395	759.430					3
4					759.537	759.459	759.395	759.425					4
5					759.537	759.449	759.395	759.425					5
6					759.537	759.449	759.395	759.425					6
7					759.537	759.449	759.400	759.415					7
8					759.527	759.449	759.398	759.415					8
9					759.527	759.449	759.395	759.420					9
10					759.527	759.449	759.390	759.415					10
11					759.518	759.449	759.390	759.415					11
12					759.518	759.439	759.390	759.415					12
13					759.528	759.439	759.385	759.410					13
14					759.528	759.439	759.385	759.410					14
15					759.528	759.439	759.385	759.410		759.285			15
16					759.523	759.434	759.385	759.405					16
17					759.523	759.434	759.400	759.405					17
18					759.518	759.429	759.400	759.405					18
19					759.518	759.429	759.395	759.400					19
20					759.518	759.429	759.395	759.400					20
21					759.513	759.429	759.395	759.395					21
22					759.508	759.429	759.390	759.395					22
23					759.508	759.419	759.390	759.395					23
24					759.503	759.414	759.390	759.390					24
25					759.498	759.404	759.385	759.390					25
26					759.498	759.400	759.385						26
27					759.498	759.400	759.380						27
28					759.493	759.400	759.380						28
29					759.488	759.400	759.380						29
30					759.488	759.400	759.380						30
31					759.483	759.400	759.435						31
TOTAL					23545.058	22783.008	23541.168						TOTAL
MEAN					759.518	759.434	759.393						MEAN
MAX					759.547	759.473	759.435						MAX
MIN					759.483	759.400	759.380						MIN

SUMMARY FOR THE YEAR 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 759.547 METRES ON MAY 1 MAX. OBSERVED WATER LEVEL, 759.541 METRES ON MAY 1/82
MINIMUM OBSERVED DAILY WATER LEVEL, 759.285 METRES ON OCT 14 MIN. OBSERVED WATER LEVEL, 758.791 METRES ON OCT 16/70
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA

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 - 1981

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 1981

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										539.241			6
7													7
8													8
9							539.447						9
10													10
11		539.348											11
12					539.542								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 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 539.542 METRES ON MAY 13
 MINIMUM OBSERVED DAILY WATER LEVEL, 539.241 METRES ON OCT 6
 WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

MAX. OBSERVED WATER LEVEL, 539.996 METRES ON MAY 7/71
 MIN. OBSERVED WATER LEVEL, 539.241 METRES ON OCT 6/81

LAKE - STATION DESCRIPTION

STATION NAME: KIMIWAN LAKE at McLennan

STATION NUMBER: 07HA907

LOCATION: 77-19-W5 - On North side of Hwy. 46 in the town of McLennan.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1981

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

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

KIMIWMAN LAKE AT MCLENNAN

STATION NO. 07HA907

DAILY WATER LEVEL IN METRES FOR 1981

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										618.799			16
17													17
18													18
19													19
20	619.133												20
21					619.121								21
22													22
23													23
24										619.074			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 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 619.133 METRES ON JAN 20 MAX. OBSERVED WATER LEVEL, 619.133 METRES ON JAN 20/81
MINIMUM OBSERVED DAILY WATER LEVEL, 618.799 METRES ON OCT 15 MIN. OBSERVED WATER LEVEL, 618.799 METRES ON OCT 15/81
WATER LEVELS ARE REFERRED TO GEODETIC ELEVATION

LAKE - STATION DESCRIPTION

STATION NAME: KINKY LAKE near Hinton

STATION NUMBER: 07AD902

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

GAUGE TYPE: Staff Gauge

PERIOD OF RECORD: 1971 - 1981

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 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1								1152.366					1
2								1152.366					2
3								1152.366					3
4													4
5													5
						1152.411	1152.338		1152.288				
6						1152.401	1152.334		1152.288				6
7						1152.402			1152.288				7
8						1152.402		1152.357	1152.288				8
9													9
10								1152.357					10
11						1152.402	1152.305						11
12						1152.402	1152.305						12
13						1152.412			1152.278				13
14	1152.453								1152.278				14
15						1152.412							15
								1152.327					
16													16
17							1152.305	1152.327					17
18							1152.305						18
19						1152.393	1152.305						19
20						1152.393				1152.245			20
21					1152.432	1152.383							21
22					1152.438								22
23					1152.438								23
24					1152.436								24
25					1152.436	1152.383	1152.356						25
26						1152.431	1152.341						26
27						1152.431	1152.356						27
28						1152.341	1152.346						28
29													29
30					1152.431			1152.338					30
31					1152.441			1152.338					31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

HISTORICAL SUMMARY

SUMMARY FOR THE YEAR 1981

MAXIMUM OBSERVED DAILY WATER LEVEL, 1152.453 METRES ON JAN 14 MAX. OBSERVED WATER LEVEL, 1152.460 METRES ON SEP 23/80
MINIMUM OBSERVED DAILY WATER LEVEL, 1152.245 METRES ON OCT 20 MIN. OBSERVED WATER LEVEL, 1151.787 METRES ON JAN 26/77
WATER LEVELS ARE REFERRED TO GEODETIC ELEVATION

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: Staff Gauge

PERIOD OF RECORD: 1976 - 1981

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 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						722.145	721.943	721.839					1
2						722.160	721.943	721.839		721.765			2
3						722.160	721.942	721.840					3
4						722.155	721.938	721.839		721.755			4
5						722.140	721.933	721.839	721.857				5
6						722.115	721.932	721.840					6
7						722.115	721.928	721.840					7
8						722.090	721.923	721.840		721.728			8
9						722.065	721.921	721.841	721.792				9
10						722.051	721.912	721.831					10
11						722.049		721.830					11
12						722.044							12
13						722.039		721.821	721.757				13
14						722.033		721.822	721.757				14
15						722.029	721.875	721.808					15
16						722.015		721.799					16
17						722.012	721.868	721.797					17
18						722.012	721.863						18
19						722.014	721.863						19
20						722.004	721.864		721.756				20
21	722.098				722.290	721.998	721.874	721.810					21
22					722.290	721.994	721.884						22
23					722.266	721.984	721.855						23
24					722.246	721.979	721.860		721.756				24
25					722.226	721.968	721.860		721.756				25
26					722.206	721.963	721.861						26
27					722.194	721.963	721.859						27
28					722.166	721.958	721.860	721.808	721.756				28
29					722.140	721.954		721.903					29
30					722.145			721.893	721.756				30
31					722.153	721.952							31
TOTAL						21661.160							TOTAL

MEAN 722.039
MAX 722.160
MIN 721.952

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 722.290 METRES ON MAY 22 MAX. OBSERVED WATER LEVEL, 723.248 METRES ON AUG 24/76
MINIMUM OBSERVED DAILY WATER LEVEL, 721.728 METRES ON OCT 8 MIN. OBSERVED WATER LEVEL, 721.651 METRES ON JAN 9/77
WATER LEVELS ARE REFERRED TO GEODETIC ELEVATION

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 - 1981

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

REMARKS: Water levels Geodetic 1969 - 1973, assumed 1974 - 1981.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

LAC BELLEVUE NEAR ST. PAUL

STATION NO. 05ED909

DAILY WATER LEVEL IN METRES FOR 1981

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										30.051			6
7													7
8													8
9													9
10							30.238						10
11													11
12					30.330								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 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 30.330 METRES ON MAY 13 MAX. OBSERVED WATER LEVEL, 30.400 METRES ON AUG 20/79
MINIMUM OBSERVED DAILY WATER LEVEL, 30.051 METRES ON OCT 7 MIN. OBSERVED WATER LEVEL, 30.051 METRES ON OCT 7/81
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: Tape and weight.

PERIOD OF RECORD: 1971 - 1981

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 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2			645.060			644.957				644.600			2
3													3
4		645.100			645.048				644.658			644.932	4
5													5
6	644.926			645.085			644.826	644.841		644.649	644.734		6
7										644.600			7
8						644.932	644.844						8
9		645.146	645.091										9
10													10
11		645.129			645.033				644.625			644.945	11
12								644.804					12
13	644.926				645.028						644.780		13
14				645.070			644.804						14
15													15
16		645.115	645.060			644.887				644.658			16
17					645.009				644.606			644.951	17
18													18
19													19
20	644.993							644.756			644.871		20
21				645.079		644.902	644.774						21
22													22
23		645.091	645.060							644.689		644.954	23
24					644.963								24
25													25
26													26
27	645.054	645.079		645.070									27
28													28
29													29
30													30
31			645.054			644.871	644.768	644.719	644.606	644.719	644.908	644.963	31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 645.146 METRES ON FEB 9 MAX. OBSERVED WATER LEVEL, 645.307 METRES ON JUL 15/71
MINIMUM OBSERVED DAILY WATER LEVEL, 644.600 METRES ON OCT 2 MIN. OBSERVED WATER LEVEL, 644.213 METRES ON SEP 14/78
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA 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 - 1981

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 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1					607.596								1
2													2
3													3
4													4
5													5
6													6
7													7
8							607.469			607.298			8
9													9
10		607.441											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 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 607.596 METRES ON MAY 4 MAX. OBSERVED WATER LEVEL, 607.978 METRES ON JUN 6/74
MINIMUM OBSERVED DAILY WATER LEVEL, 607.298 METRES ON OCT 7 MIN. OBSERVED WATER LEVEL, 606.738 METRES ON JUL 28/80
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA

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: None. Level established by surveying

PERIOD OF RECORD: 1979 - 1981

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 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5										766.624			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

767.188

767.172

766.624

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 767.188 METRES ON MAR 11 MAX. OBSERVED WATER LEVEL, 767.441 METRES ON MAY 12/80
MINIMUM OBSERVED DAILY WATER LEVEL, 766.624 METRES ON OCT 5 MIN. OBSERVED WATER LEVEL, 764.627 METRES ON AUG 25/74
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LAKE - STATION DESCRIPTION

STATION NAME: LAST LAKE near Whitelaw

STATION NUMBER: 07FD918

LOCATION: 83-1-W6 - 14 km north and 3 km east of Whitelaw .

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1981

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

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

LAST LAKE NEAR WHITELAW

STATION NO. 07FD918

DAILY WATER LEVEL IN METRES FOR 1981

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										653.919			15
16													16
17													17
18													18
19													19
20					654.511								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

653.981

654.166

SUMMARY FOR THE YEAR 1981

MAXIMUM OBSERVED DAILY WATER LEVEL, 654.511 METRES ON MAY 20

MINIMUM OBSERVED DAILY WATER LEVEL, 653.919 METRES ON OCT 14
WATER LEVELS ARE REFERRED TO GEODETIC ELEVATION

MEAN
MAX
MIN

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 - 1981

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/~~NO~~

REMARKS: Geodetic Elevation verified May 1978.

There is a Ducks Unlimited Control Structure on this lake.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

LAURIER LAKE NEAR HEINSBURG

STATION NO. 05ED912

DAILY WATER LEVEL IN METRES FOR 1981

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

TOTAL

TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 566.922 METRES ON MAY 13
MINIMUM OBSERVED DAILY WATER LEVEL, 566.595 METRES ON OCT 7
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

MAX. OBSERVED WATER LEVEL, 567.175 METRES ON JUN 11/74
MIN. OBSERVED WATER LEVEL, 566.468 METRES ON OCT 20/68

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 - 1981

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 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4		644.318											4
5													5
6					644.409								6
7													7
8													8
9													9
10													10
11													11
12													12
13										644.285			13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21							644.441						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 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 644.441 METRES ON JUL 21 MAX. OBSERVED WATER LEVEL, 645.073 METRES ON JUL 7/71
MINIMUM OBSERVED DAILY WATER LEVEL, 644.285 METRES ON OCT 13 MIN. OBSERVED WATER LEVEL, 643.991 METRES ON NOV 20/68
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA

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 - 1981

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 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3		625.834											3
4													4
5					625.964								5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13										625.805			13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21							625.854						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 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 625.964 METRES ON MAY 5 MAX. OBSERVED WATER LEVEL, 626.132 METRES ON JUN 1/79
MINIMUM OBSERVED DAILY WATER LEVEL, 625.805 METRES ON OCT 13 MIN. OBSERVED WATER LEVEL, 625.788 METRES ON SEP 29/80
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA

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 - 1981

HYDROGRAPHIC SURVEY MAP AVAILABLE: YES/~~NOX~~

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

STATION NO. 05AA903

[illegible]

TOTAL	100
MEAN	100
MAX	100
MIN	100

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 28.986 METRES ON JUN 23	MAX. OBSERVED WATER LEVEL, 28.986 METRES ON JUN 23/81
MINIMUM OBSERVED DAILY WATER LEVEL, 28.636 METRES ON SEP 23	MIN. OBSERVED WATER LEVEL, 28.145 METRES ON APR 26/78

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA 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 - 1981

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 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4		739.550											4
5													5
6					739.620								6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15										739.450			15
16													16
17													17
18													18
19													19
20													20
21													21
22							739.547						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 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 739.620 METRES ON MAY 6 MAX. OBSERVED WATER LEVEL, 739.850 METRES ON MAY 17/74
MINIMUM OBSERVED DAILY WATER LEVEL, 739.450 METRES ON OCT 14 MIN. OBSERVED WATER LEVEL, 739.164 METRES ON OCT /69
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA

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: Staff Gauge.

PERIOD OF RECORD: 1971; 1973 - 1981

HYDROGRAPHIC SURVEY MAP AVAILABLE: YES/NO

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

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1					28.448	28.405		28.346	28.297	28.235			1
2					28.448	28.404	28.301	28.355					2
3					28.437	28.396	28.300	28.367	28.291	28.235			3
4					28.437	28.396	28.300	28.407	28.289	28.236			4
5					28.437	28.385		28.407	28.289	28.236			5
6					28.434	28.385	28.284	28.405	28.289	28.234			6
7					28.436	28.382		28.403	28.289	28.234			7
8					28.436	28.381		28.403					8
9					28.435	28.374	28.285	28.398	28.288	28.248			9
10					28.435	28.373	28.283	28.394		28.246			10
11					28.433	28.365	28.283	28.390		28.247			11
12					28.432	28.367	28.274	28.384	28.270	28.245			12
13					28.432	28.362	28.266	28.376	28.265	28.245			13
14					28.431	28.362	28.264	28.370	28.259	28.243			14
15					28.413	28.362		28.368	28.259	28.240			15
16					28.413	28.353	28.290	28.367	28.253	28.243			16
17						28.351	28.290	28.365	28.247				17
18	28.370					28.341	28.290	28.359	28.247				18
19					28.403	28.336	28.289	28.357	28.245				19
20					28.403	28.336	28.285	28.349					20
21					28.403	28.331		28.345	28.246				21
22					28.400	28.329	28.283	28.341	28.247				22
23								28.336	28.250				23
24					28.400		28.283	28.332	28.250				24
25					28.399	28.320	28.283	28.320	28.248				25
26						28.318		28.316	28.248				26
27					28.400	28.317	28.276		28.245				27
28						28.317	28.274	28.312	28.243				28
29				28.454	28.402		28.274	28.310	28.245				29
30					28.401	28.302	28.344		28.235				30
31					28.401		28.343	28.301					31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 28.454 METRES ON APR 29 MAX. OBSERVED WATER LEVEL, 28.541 METRES ON JUN 18/80

MINIMUM OBSERVED DAILY WATER LEVEL, 28.234 METRES ON OCT 6 MIN. OBSERVED WATER LEVEL, 28.197 METRES ON JUL 4/78
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 - 1981

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 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5					988.099								5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15							987.964						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

988.197

987.770

SUMMARY FOR THE YEAR 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 988.197 METRES ON FEB 27 MAX. OBSERVED WATER LEVEL, 989.710 METRES ON JUN 11/75
MINIMUM OBSERVED DAILY WATER LEVEL, 987.770 METRES ON OCT 26 MIN. OBSERVED WATER LEVEL, 987.770 METRES ON OCT 26/81
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA

LAKE - STATION DESCRIPTION

STATION NAME: LLOYD LAKE near Priddis

STATION NUMBER: 05BK901

LOCATION: 20-2-W5 - 5 miles West of Hwy 2 and 1 mile South of Hwy 22X.

GAUGE TYPE: Staff Gauge.

PERIOD OF RECORD: 1980 - 1981

HYDROGRAPHIC SURVEY MAP AVAILABLE:

~~XXES~~/NO

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

LLOYD LAKE NEAR PRIDDIS

STATION NO. 05BK901

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1											1129.226		1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11			1129.339										11
12													12
13													13
14													14
15													15
16													16
17							1129.290						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

HISTORICAL SUMMARY

SUMMARY FOR THE YEAR 1981

MAXIMUM OBSERVED DAILY WATER LEVEL, 1129.339 METRES ON MAR 11 MAX. OBSERVED WATER LEVEL, 1129.430 METRES ON JUN 13/80
MINIMUM OBSERVED DAILY WATER LEVEL, 1129.226 METRES ON NOV 2 MIN. OBSERVED WATER LEVEL, 1129.214 METRES ON SEP 9/80
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA 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 - 1981

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/NO

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

LONG LAKE NEAR BOYLE

STATION NO. 06AA909

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1					620.928	620.968	620.913			620.702			1
2					620.927	620.977	620.901			620.704			2
3					620.905	620.981	620.879			620.751			3
4					620.889	620.980	620.879			620.736			4
5					620.890					620.704			5
6					620.907	620.998	620.870						6
7					620.874	620.988	620.861						7
8					620.877	621.038	620.845						8
9	620.853				620.870	621.040	620.845						9
10							620.731						10
11					620.968	620.865	620.820	620.731					11
12					620.967		620.810	620.726					12
13					620.960		620.802						13
14					620.959	620.867	621.038	620.790					14
15							621.033						15
16					620.957	620.886	621.032	620.719					16
17					620.960	620.885	621.032	620.717					17
18					620.960	620.884	621.033	620.701					18
19					620.891	621.014	620.711	620.711					19
20					620.958		620.798	620.711					20
21					620.957	620.956	620.771	620.706					21
22					620.956	620.972	620.776	620.711					22
23						621.013	620.772	620.712					23
24						620.969		620.712					24
25													25
26					620.938	620.959	620.712	620.712					26
27					620.937	620.969	620.710	620.708					27
28					620.936	621.017	620.929						28
29							620.919						29
30													30
31					620.934								31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 621.048 METRES ON JUL 13 MAX. OBSERVED WATER LEVEL, 621.121 METRES ON JUN 2/78
MINIMUM OBSERVED DAILY WATER LEVEL, 620.701 METRES ON SEP 19 MIN. OBSERVED WATER LEVEL, 620.497 METRES ON OCT 20/72
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA 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 - 1981

HYDROGRAPHIC SURVEY MAP AVAILABLE: YES/NO

REMARKS: There is a Ducks Unlimited Control Structure on this lake.
Lake levels are Geodetic 1969 to 1973, Assumed 1974 to 1981.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

LONG LAKE NEAR EDSON

STATION NO. 07AG902

DAILY WATER LEVEL IN METRES FOR 1981

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	25.852												16
17													17
18													18
19													19
20													20
21					26.029					25.784			21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL						25.939	25.815		25.804				TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 26.029 METRES ON MAY 22 MAX. OBSERVED WATER LEVEL, 26.286 METRES ON OCT 27/77
MINIMUM OBSERVED DAILY WATER LEVEL, 25.784 METRES ON OCT 22 MIN. OBSERVED WATER LEVEL, 25.454 METRES ON JUN 6/74
WATER LEVELS ARE REFERRED TO ASSUMED ELEVATION

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 - 1981

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 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3		697.540											3
4													4
5					697.581								5
6													6
7													7
8													8
9													9
10													10
11													11
12										697.461			12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21							697.716						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 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 697.716 METRES ON JUL 21 MAX. OBSERVED WATER LEVEL, 697.794 METRES ON JUL 8/71
MINIMUM OBSERVED DAILY WATER LEVEL, 697.461 METRES ON OCT 13 MIN. OBSERVED WATER LEVEL, 696.773 METRES ON JUL 4/61
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA

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 - 1981

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 1981

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										615.472			9
10							615.642						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 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 615.742 METRES ON MAY 14 MAX. OBSERVED WATER LEVEL, 616.196 METRES ON JUN 7/79
MINIMUM OBSERVED DAILY WATER LEVEL, 615.472 METRES ON OCT 8 MIN. OBSERVED WATER LEVEL, 615.472 METRES ON OCT 8/81
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA 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 - 1981

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 1981

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								635.089					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

635.127

635.164

634.882

SUMMARY FOR THE YEAR 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 635.164 METRES ON MAY 13 MAX. OBSERVED WATER LEVEL, 635.313 METRES ON OCT 4/79
MINIMUM OBSERVED DAILY WATER LEVEL, 634.882 METRES ON OCT 7 MIN. OBSERVED WATER LEVEL, 633.225 METRES ON NOV 12/70
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

MEAN
MAX
MIN

LAKE - STATION DESCRIPTION

STATION NAME: MAGLOIRE LAKE near Falher

STATION NUMBER: 07GJ902

LOCATION: 79-21-W5

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1980 - 1981

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

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

MAGLOIRE LAKE NEAR FALHER

STATION NO. 07GJ902

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16										600.977			16
17													17
18													18
19													19
20	601.428												20

601.619

601.469

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 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 601.619 METRES ON MAY 21 MAX. OBSERVED WATER LEVEL, 601.619 METRES ON MAY 21/81
MINIMUM OBSERVED DAILY WATER LEVEL, 600.977 METRES ON OCT 15 MIN. OBSERVED WATER LEVEL, 600.977 METRES ON OCT 15/81
WATER LEVELS ARE REFERRED TO GEODETIC ELEVATION

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 - 1981

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 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4		676.733											4
5													5
6					676.831								6
7													7
8													8
9													9
10													10
11													11
12													12
13										676.565			13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23							676.682						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 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 676.831 METRES ON MAY 6 MAX. OBSERVED WATER LEVEL, 677.650 METRES ON MAY 17/74
MINIMUM OBSERVED DAILY WATER LEVEL, 676.565 METRES ON OCT 13 MIN. OBSERVED WATER LEVEL, 676.565 METRES ON OCT 13/81
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA

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 - 1981

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 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						555.310	555.271	555.206	555.089				1
2													2
3						555.306							3
4													4
5						555.288	555.263	555.205	555.075				5
6										554.996			6
7						555.288	555.255	555.180					7
8						555.288	555.274	555.176					8
9							555.243	555.176	555.069				9
10		555.352				555.286							10
11							555.233	555.166	555.055				11
12					555.402		555.233	555.165					12
13					555.397	555.278	555.233	555.148					13
14							555.233	555.148					14
15						555.264							15
16													16
17						555.262	555.229	555.144	555.039				17
18					555.357	555.258	555.225	555.134	555.035				18
19													19
20													20
21													21
22						555.276	555.211	555.118	555.023				22
23													23
24					555.325	555.276	555.206	555.109	555.022				24
25						555.275							25
26						555.313		555.103					26
27									555.016				27
28					555.308	555.275							28
29					555.306		555.198		555.008				29
30						555.271		555.099					30
31					555.310								31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 555.402 METRES ON MAY 12 MAX. OBSERVED WATER LEVEL, 556.086 METRES ON JUN 12/74
MINIMUM OBSERVED DAILY WATER LEVEL, 554.996 METRES ON OCT 6 MIN. OBSERVED WATER LEVEL, 554.996 METRES ON OCT 6/81
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA 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 - 1981

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 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4		698.848											4
5					699.011								5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13										698.585			13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21							698.741						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 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 699.011 METRES ON MAY 5 MAX. OBSERVED WATER LEVEL, 699.729 METRES ON JUL 19/74
MINIMUM OBSERVED DAILY WATER LEVEL, 698.585 METRES ON OCT 13 MIN. OBSERVED WATER LEVEL, 698.382 METRES ON JUL 19/68
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA

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 - 1981

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 1981

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										814.212			6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15							814.417						15
16													16
17													17
18													18
19													19
20													20
21													21
22	814.460				814.538								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 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 814.538 METRES ON MAY 22 MAX. OBSERVED WATER LEVEL, 814.791 METRES ON AUG 24/76
MINIMUM OBSERVED DAILY WATER LEVEL, 814.212 METRES ON OCT 6 MIN. OBSERVED WATER LEVEL, 814.212 METRES ON OCT 6/81
WATER LEVELS ARE REFERRED TO GEODETIC ELEVATION

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 - 1981

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/~~NO~~

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

MATCHAYAW LAKE NEAR STONY PLAIN

STATION NO. 05EA906

DAILY WATER LEVEL IN METRES FOR 1981

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		678.910											6
7													7
8													8
9													9
10				678.921				679.094					10
11													11
12													12
13													13
14													14
15				678.863									15
16													16
17													17
18													18
19			679.107										19
20													20
21				678.817									21
22													22
23													23
24													24
25					678.805	679.094							25
26													26
27													27
28			679.100						678.857				28
29													29
30													30
31									678.762				31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 679.110 METRES ON APR 3 MAX. OBSERVED WATER LEVEL, 679.817 METRES ON JUL 22/74
MINIMUM OBSERVED DAILY WATER LEVEL, 678.762 METRES ON SEP 30 MIN. OBSERVED WATER LEVEL, 678.622 METRES ON MAY 30/73
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA

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: Staff Gauge.

PERIOD OF RECORD: 1969 - 1981

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 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						981.349	981.252	981.297	981.157				1
2							981.258	981.346	981.143				2
3							981.254	981.302					3
4								981.297					4
5													5
6						981.342	981.253	981.291	981.157				6
7						981.319	981.247	981.278	981.156				7
8						981.301		981.262	981.156				8
9						981.291	981.239	981.255					9
10						981.292	981.202	981.243					10
11							981.203	981.225	981.153				11
12						981.291	981.203						12
13							981.205						13
14							981.206	981.190					14
15								981.189		981.159			15
16													16
17							981.297	981.183					17
18							981.294	981.178					18
19							981.292	981.173					19
20						981.286	981.293						20
21		981.208											21
22						981.282	981.304	981.168					22
23						981.281		981.166					23
24						981.282		981.164					24
25						981.253		981.158					25
26													26
27						981.272	981.385						27
28							981.357						28
29						981.270	981.351	981.156					29
30						981.263		981.153					30
31						981.257	981.359	981.143					31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 981.385 METRES ON JUL 26 MAX. OBSERVED WATER LEVEL, 981.385 METRES ON JUL 26/81
MINIMUM OBSERVED DAILY WATER LEVEL, 981.138 METRES ON SEP. 1 MIN. OBSERVED WATER LEVEL, 980.328 METRES ON SEP 14/70
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA

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 - 1981

HYDROGRAPHIC SURVEY MAP AVAILABLE: YES/NO

REMARKS: Geodetic Elevation verified April 1978.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

MERE LAKE NEAR STONY PLAIN

STATION NO. 05EA912

DAILY WATER LEVEL IN METRES FOR 1981

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		733.062											6
7													7
8					733.109								8
9													9
10								733.083					10
11													11
12													12
13													13
14													14
15													15
16										732.952			16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24							733.083						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 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 733.109 METRES ON MAY 8
MINIMUM OBSERVED DAILY WATER LEVEL, 732.952 METRES ON OCT 15
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA
MAX. OBSERVED WATER LEVEL, 733.306 METRES ON JUL 22/74
MIN. OBSERVED WATER LEVEL, 732.587 METRES ON JUL 8/69

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 - 1981

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 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3							970.666		970.535	970.617			3
4													4
5						970.726							5
6								970.678					6
7													7
8													8
9									970.546	970.606			9
10													10
11													11
12						970.715		970.676					12
13													13
14													14
15	970.763												15
16										970.602			16
17							970.657						17
18									970.596				18
19													19
20						970.694		970.644					20
21					970.714					970.593			21
22													22
23							970.654						23
24													24
25									970.617				25
26													26
27						970.678		970.622					27
28													28
29					970.740		970.638						29
30													30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 970.763 METRES ON JAN 15 MAX. OBSERVED WATER LEVEL, 970.962 METRES ON JUN 4/74
MINIMUM OBSERVED DAILY WATER LEVEL, 970.535 METRES ON SEP 3 MIN. OBSERVED WATER LEVEL, 970.349 METRES ON OCT 6/70
WATER LEVELS ARE REFERRED TO GEODETIC ELEVATION

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 - 1981

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 1981

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		736.556											6
7													7
8					736.620								8
9													9
10								736.557					10
11													11
12													12
13													13
14													14
15													15
16										736.441			16
17													17
18													18
19													19
20													20
21													21
22							736.587						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 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 736.620 METRES ON MAY 8 MAX. OBSERVED WATER LEVEL, 736.577 METRES ON MAY 28/79
MINIMUM OBSERVED DAILY WATER LEVEL, 736.441 METRES ON OCT 15 MIN. OBSERVED WATER LEVEL, 735.467 METRES ON OCT 5/70
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA

LAKE - STATION DESCRIPTION

STATION NAME: MINNIE LAKE near Glendon

STATION NUMBER: 06AA916

LOCATION: 61-8-W4 - 5 km north and 3.2 km east of Glendon.

GAUGE TYPE: Staff Gauge.

PERIOD OF RECORD: 1981

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

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

MINNIE LAKE NEAR GLENDON

STATION NO. 06AA916

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						27.328		27.250					1
2							27.320			27.071			2
3						27.329		27.250	27.151	27.061			3
4													4
5													5
6					27.408		27.311	27.240	27.141				6
7					27.409	27.325				27.057			7
8							27.302	27.229					8
9					27.405	27.326	27.292		27.126				9
10													10
11					27.399			27.219	27.111				11
12						27.321	27.292						12
13					27.395			27.209					13
14					27.385	27.322							14
15							27.291		27.101				15
16					27.380		27.199		27.091				16
17					27.377	27.322							17
18							27.291	27.194					18
19					27.371								19
20													20
21					27.362	27.343	27.281		27.081				21
22													22
23					27.352	27.344							23
24								27.173	27.091				24
25													25
26							27.261	27.169	27.091				26
27					27.414								27
28							27.260	27.151					28
29													29
30					27.333	27.330			27.091				30
31													31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1981

MAXIMUM OBSERVED DAILY WATER LEVEL, 27.414 METRES ON APR 28

MINIMUM OBSERVED DAILY WATER LEVEL, 27.057 METRES ON OCT 7
WATER LEVELS ARE REFERRED TO ASSUMED 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: Staff Gauge

PERIOD OF RECORD: 1969 - 1981

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 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5		991.475						991.489					5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15	991.492												15
16													16
17													17
18													18
19								991.433					19
20								991.433					20
21					991.507							991.329	21
22													22
23													23
24													24
25								991.407					25
26													26
27													27
28													28
29													29
30						991.547							30
31						991.501							31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 991.547 METRES ON JUN 29 MAX. OBSERVED WATER LEVEL, 991.547 METRES ON JUN 29/81
MINIMUM OBSERVED DAILY WATER LEVEL, 991.329 METRES ON OCT 21 MIN. OBSERVED WATER LEVEL, 990.073 METRES ON MAY 8/70
WATER LEVELS ARE REFERRED TO GEODETIC ELEVATION

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 - 1981

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 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						718.209		718.040	717.906				1
2								718.032	717.911				2
3						718.199		718.027	717.907				3
4								718.024	717.907				4
5						718.200	718.104	718.015	717.905				5
6							718.120	718.015					6
7							718.116	718.009	717.909				7
8						718.210	718.119	718.001	717.905				8
9						718.213	718.065	717.983	717.897				9
10						718.210	718.061	717.982	717.892				10
11									717.886				11
12						718.211	718.060	717.974	717.881				12
13						718.215	718.046	717.974	717.882				13
14						718.211	718.036	717.972	717.873				14
15						718.208	718.038	717.970	717.868	717.850			15
16						718.212	718.024	717.972	717.873				16
17							718.043	717.970	717.876				17
18						718.176	718.027	717.969					18
19						718.172	718.039	717.971	717.874				19
20					718.217	718.157	718.050	717.967					20
21	717.856												21
22					718.221	718.161	718.050	717.967	717.873				22
23					718.220	718.153	718.028	717.951					23
24					718.219		718.030	717.945					24
25					718.217	718.158	718.042	717.943					25
26					718.213	718.158	718.037	717.938					26
27					718.217	718.158	718.041	717.936					27
28					718.219	718.160	718.021	717.931					28
29					718.210	718.157	718.025	717.926					29
30					718.210		718.041	717.918					30
31					718.203		718.030	717.914	717.867				31
					718.209		718.042	717.906					
TOTAL								22257.080					TOTAL

MEAN
MAX
MIN

717.970
718.040
717.906

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 718.221 METRES ON MAY 21 MAX. OBSERVED WATER LEVEL, 718.319 METRES ON MAY 29/79
MINIMUM OBSERVED DAILY WATER LEVEL, 717.850 METRES ON OCT 14 MIN. OBSERVED WATER LEVEL, 717.776 METRES ON SEP 5/80
WATER LEVELS ARE REFERRED TO GEODETIC ELEVATION

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 - 1981

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 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1										568.354			1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10		568.593						568.582					10
11					568.630								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 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 568.630 METRES ON MAY 11
 MINIMUM OBSERVED DAILY WATER LEVEL, 568.354 METRES ON OCT 5
 WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

MAX. OBSERVED WATER LEVEL, 568.985 METRES ON OCT 6/75
 MIN. OBSERVED WATER LEVEL, 568.354 METRES ON OCT 5/81

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 - 1981

HYDROGRAPHIC SURVEY MAP AVAILABLE: YES/~~NOX~~

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

MITSUE LAKE NEAR SLAVE LAKE

STATION NO. 07BK901

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3		577.534											3
4													4
5					577.694								5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15										577.376			15
16													16
17													17
18													18
19													19
20													20
21													21
22						577.473							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 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 577.694 METRES ON MAY 5 MAX. OBSERVED WATER LEVEL, 577.965 METRES ON MAY 23/74
MINIMUM OBSERVED DAILY WATER LEVEL, 577.376 METRES ON OCT 13 MIN. OBSERVED WATER LEVEL, 577.197 METRES ON OCT 20/72
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA

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 - 1981

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 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1							532.986						1
2							532.986						2
3							532.986						3
4							532.984						4
5													5
6										532.745			6
7													7
8													8
9							532.960	532.917					9
10		532.993					532.915	532.915					10
11								532.913					11
12													12
13					533.073								13
14													14
15							532.965	532.883					15
16								532.883					16
17							532.957						17
18							532.954						18
19					532.988								19
20						532.986							20
21													21
22													22
23													23
24													24
25													25
26					533.026								26
27						532.987							27
28						532.987							28
29													29
30													30
31													31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 533.073 METRES ON MAY 13
MINIMUM OBSERVED DAILY WATER LEVEL, 532.745 METRES ON OCT 6
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA 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 - 1981

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 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5													5
6		730.718											6
7													7
8					730.787								8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16										730.567			16
17													17
18													18
19													19
20													20
21													21
22							730.733						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 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 730.787 METRES ON MAY 8 MAX. OBSERVED WATER LEVEL, 731.118 METRES ON JUL 27/74
MINIMUM OBSERVED DAILY WATER LEVEL, 730.567 METRES ON OCT 15 MIN. OBSERVED WATER LEVEL, 729.094 METRES ON OCT 21/69
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA

LAKE - STATION DESCRIPTION

STATION NAME: MURDOCH LAKE near Deadwood

STATION NUMBER: 07HC902

LOCATION: 39-23-W5 - 5 miles West and 1.5 miles South of Deadwood.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1980 - 1981

HYDROGRAPHIC SURVEY MAP AVAILABLE:

~~YES~~/NO

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

MURDOCH LAKE NEAR DEADWOOD

STATION NO. 07HC902

DAILY WATER LEVEL IN METRES FOR 1981

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					587.694								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

587.291

587.256

587.092

SUMMARY FOR THE YEAR 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 587.694 METRES ON MAY 20 MAX. OBSERVED WATER LEVEL, 587.694 METRES ON MAY 20/81

MINIMUM OBSERVED DAILY WATER LEVEL, 587.092 METRES ON OCT 14 MIN. OBSERVED WATER LEVEL, 587.092 METRES ON OCT 14/81

WATER LEVELS ARE REFERRED TO GEODETIC ELEVATION

MEAN
MAX
MIN

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: Staff Gauge.

PERIOD OF RECORD: 1967 - 1981

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/~~NO~~

REMARKS: Geodetic Elevation verified May 1978.
There is a federal gauge (06AC007) on this lake.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

MURIEL LAKE NEAR BONNYVILLE

STATION NO. 06AC912

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2									559.732				2
3													3
4													4
5					559.989								5
6										559.667			6
7									559.733				7
8	559.892								559.733				8
9											559.611	559.613	9
10		559.916				559.901	559.815						10
11			559.929										11
12													12
13													13
14				559.965									14
15									559.714				15
16										559.626			16
17													17
18							559.811						18
19							559.811						19
20					559.951								20
21								559.792	559.689				21
22										559.625			22
23								559.782					23
24											559.616		24
25													25
26					559.954			559.782					26
27							559.853	559.772					27
28										559.621			28
29				559.959				559.763					29
30											559.647		30
31								559.753					31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 559.989 METRES ON MAY 5 MAX. OBSERVED WATER LEVEL, 560.427 METRES ON JUN 12/74
MINIMUM OBSERVED DAILY WATER LEVEL, 559.611 METRES ON NOV 9 MIN. OBSERVED WATER LEVEL, 559.534 METRES ON OCT 16/69
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA 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 - 1981

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 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4		682.245											4
5													5
6					682.347								6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16										.682.248			16
17													17
18													18
19													19
20													20
21													21
22							682.346						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 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 682.347 METRES ON MAY 6 MAX. OBSERVED WATER LEVEL, 683.078 METRES ON JUL 19/74
MINIMUM OBSERVED DAILY WATER LEVEL, 682.245 METRES ON FEB 4 MIN. OBSERVED WATER LEVEL, 682.103 METRES ON SEP 13/68
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA

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 - 1981

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 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1										608.878			1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10		609.103						609.070					10
11					609.130								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 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 609.130 METRES ON MAY 11 MAX. OBSERVED WATER LEVEL, 609.213 METRES ON SEP 12/78
MINIMUM OBSERVED DAILY WATER LEVEL, 608.878 METRES ON OCT 5 MIN. OBSERVED WATER LEVEL, 608.500 METRES ON OCT 3/68
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA 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 - 1981

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/NO

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

OBED LAKE NEAR HINTON

STATION NO. 07AD903

DAILY WATER LEVEL IN METRES FOR 1981

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
	1055.042												
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

SUMMARY FOR THE YEAR 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 1055.042 METRES ON JAN 15 MAX. OBSERVED WATER LEVEL, 1055.409 METRES ON JUN 30/80
MINIMUM OBSERVED DAILY WATER LEVEL, 1054.643 METRES ON JUL 10 MIN. OBSERVED WATER LEVEL, 1054.568 METRES ON MAY 28/75
WATER LEVELS ARE REFERRED TO GEODETIC ELEVATION

MEAN
MAX
MIN

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 - 1981

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 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4		692.678											4
5													5
6					692.749								6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15										692.605			15
16													16
17													17
18													18
19													19
20													20
21							692.682						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 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 692.749 METRES ON MAY 6 MAX. OBSERVED WATER LEVEL, 693.490 METRES ON JUL 24/74
MINIMUM OBSERVED DAILY WATER LEVEL, 692.605 METRES ON OCT 14 MIN. OBSERVED WATER LEVEL, 692.605 METRES ON OCT 14/81
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA

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 - 1981

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 1981

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

757.307

757.314

757.165

757.078

SUMMARY FOR THE YEAR 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 757.314 METRES ON APR 29 MAX. OBSERVED WATER LEVEL, 757.367 METRES ON JUL 17/74
MINIMUM OBSERVED DAILY WATER LEVEL, 757.078 METRES ON OCT 14 MIN. OBSERVED WATER LEVEL, 756.745 METRES ON APR 12/71
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA

MEAN
MAX
MIN

MEAN
MAX
MIN

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 - 1981

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/~~NO~~

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

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: None. Level established by surveying

PERIOD OF RECORD: 1977 - 1981

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 1981

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						28.194							10
11													11
12													12
13													13
14													14
15													15
16									27.712				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 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 28.194 METRES ON JUN 10 MAX. OBSERVED WATER LEVEL, 28.849 METRES ON MAY 2/79
MINIMUM OBSERVED DAILY WATER LEVEL, 27.712 METRES ON SEP 15 MIN. OBSERVED WATER LEVEL, 27.639 METRES ON JUN 29/77
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA 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 - 1981

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 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1							941.012						1
2									940.890				2
3													3
4													4
5													5
6								940.924					6
7													7
8													8
9							940.625						9
10													10
11									940.863				11
12			940.189			940.655							12
13													13
14					940.893			941.113					14
15													15
16													16
17							940.796						17
18					941.006								18
19													19
20													20
21					940.875			941.085					21
22													22
23													23
24						941.058		940.899					24
25													25
26													26
27													27
28					940.771			940.918					28
29													29
30						940.985							30
31													31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 941.113 METRES ON AUG 14 MAX. OBSERVED WATER LEVEL, 941.329 METRES ON JUN 21/75
MINIMUM OBSERVED DAILY WATER LEVEL, 940.189 METRES ON MAR 12 MIN. OBSERVED WATER LEVEL, 939.805 METRES ON OCT 27/77
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA 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: Staff Gauge.

PERIOD OF RECORD: 1969 - 1981

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 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						642.370	642.365						1
2						642.362	642.362						2
3		642.218				642.363	642.363						3
4						642.373	642.360						4
5					642.380	642.364	642.358						5
6						642.364	642.356						6
7						642.364	642.353						7
8						642.365	642.349						8
9						642.372	642.343						9
10						642.372	642.342						10
11						642.375	642.339						11
12						642.373	642.335			642.224			12
13						642.375	642.335						13
14						642.376	642.334						14
15													15
16						642.382							16
17						642.381							17
18						642.382							18
19						642.382							19
20													20
21						642.381	642.350						21
22						642.381							22
23						642.381							23
24						642.378							24
25						642.374							25
26						642.371							26
27						642.368							27
28						642.366							28
29						642.364							29
30						642.364							30
31						642.364							31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 642.382 METRES ON JUN 17 MAX. OBSERVED WATER LEVEL, 642.525 METRES ON JUL 19/74
MINIMUM OBSERVED DAILY WATER LEVEL, 642.218 METRES ON FEB 3 MIN. OBSERVED WATER LEVEL, 641.939 METRES ON FEB 26/70
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA

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 - 1981

HYDROGRAPHIC SURVEY MAP AVAILABLE: YES/NO

REMARKS: Water levels are assumed 1971, 1972 and 1977 - 1981,
Geodetic 1973 - 1976.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

PEGASUS LAKE NEAR WHITECOURT

STATION NO. 07AH904

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4		29.581											4
5													5
6					29.487								6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15										29.415			15
16													16
17													17
18													18
19													19
20													20
21							29.585						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 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 29.585 METRES ON JUL 22 MAX. OBSERVED WATER LEVEL, 30.159 METRES ON OCT 4/78
MINIMUM OBSERVED DAILY WATER LEVEL, 29.415 METRES ON OCT 14 MIN. OBSERVED WATER LEVEL, 29.303 METRES ON SEP 30/80
WATER LEVELS ARE REFERRED TO ASSUMED

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: Staff Gauge

PERIOD OF RECORD: 1970 - 1981

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 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						1252.981		1253.059					1
2						1252.979		1253.055					2
3						1252.971		1253.051					3
4						1252.966		1252.960					4
5						1252.962		1252.960					5
6						1252.964	1252.958						6
7						1252.961							7
8						1252.958		1253.033					8
9						1252.955		1253.023					9
10								1253.013					10
11							1252.955						11
12							1252.956						12
13	1253.091												13
14							1252.992	1252.968					14
15							1252.992	1252.990					15
16							1252.992						16
17							1252.979						17
18							1252.979						18
19							1252.977						19
20					1252.974	1252.985				1252.949			20
						1252.987							
21													21
22						1252.985	1252.985						22
23						1252.983	1252.976						23
24						1252.981							24
25						1252.979	1253.026	1252.962					25
26													26
27						1252.980	1252.974	1253.029					27
28						1252.982	1252.972	1253.029					28
29						1252.984	1252.973	1253.027					29
30						1252.980	1252.975						30
31						1252.972	1252.969						31
						1252.981		1253.061					
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 1253.091 METRES ON JAN 13 MAX. OBSERVED WATER LEVEL, 1253.307 METRES ON SEP 6/73
MINIMUM OBSERVED DAILY WATER LEVEL, 1252.949 METRES ON OCT 20 MIN. OBSERVED WATER LEVEL, 1252.880 METRES ON MAR 15/78
WATER LEVELS ARE REFERRED TO GEODETIC ELEVATION

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: Staff Gauge

PERIOD OF RECORD: 1972 - 1981

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 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1								1259.476					1
2								1259.466					2
3								1259.464					3
4													4
5													5
6													6
7													7
8								1259.446					8
9								1259.442					9
10													10
11													11
12													12
13	1259.409												13
14													14
15							1259.422						15
16													16
17													17
18													18
19					1259.339					1259.406			19
20													20
21					1259.343								21
22					1259.343								22
23													23
24							1259.416						24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL							1259.476						TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 1259.476 METRES ON JUL 31 MAX. OBSERVED WATER LEVEL, 1259.592 METRES ON AUG 4/77
MINIMUM OBSERVED DAILY WATER LEVEL, 1259.339 METRES ON MAY 19 MIN. OBSERVED WATER LEVEL, 1259.281 METRES ON MAY 21/75
WATER LEVELS ARE REFERRED TO GEODETIC ELEVATION

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: Staff Gauge

PERIOD OF RECORD: 1971 - 1981

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 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						1263.244	1263.224						1
2						1263.239	1263.225						2
3						1263.236	1263.232	1263.254					3
4						1263.231	1263.232						4
5						1263.231	1263.222						5
6						1263.228							6
7						1263.225							7
8						1263.224							8
9						1263.222							9
10													10
11													11
12						1263.245	1263.202						12
13	1263.282					1263.255	1263.210						13
14						1263.258							14
15													15
16						1263.262							16
17							1263.211						17
18							1263.210						18
19													19
20					1263.202	1263.260							20
21						1263.254							21
22					1263.214	1263.252							22
23					1263.215	1263.243	1263.240						23
24					1263.215		1263.241	1263.196					24
25					1263.217								25
26					1263.218	1263.246							26
27					1263.218	1263.238	1263.243						27
28					1263.219	1263.237							28
29					1263.218	1263.234							29
30					1263.221	1263.234							30
31					1263.228		1263.268						31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 1263.282 METRES ON JAN 13 MAX. OBSERVED WATER LEVEL, 1263.478 METRES ON AUG 4/77
MINIMUM OBSERVED DAILY WATER LEVEL, 1263.102 METRES ON OCT 20 MIN. OBSERVED WATER LEVEL, 1262.570 METRES ON MAY 19/77
WATER LEVELS ARE REFERRED TO GEODETIC ELEVATION

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 - 1981

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

REMARKS:

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

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

PIGEON LAKE AT PROVINCIAL PARK

STATION NO. 05FA908

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1							850.427	850.653	850.503		850.301		1
2							850.427	850.643	850.505				2
3							850.427	850.633	850.493				3
4								850.629	850.493		850.288		4
5									850.493				5
6								850.642	850.483				6
7								850.642	850.478				7
8								850.640	850.478				8
9								850.628	850.463		850.277		9
10									850.463				10
11									850.463				11
12							850.423	850.628		850.363			12
13							850.413			850.361			13
14								850.599	850.443	850.361			14
15									850.443	850.361			15
16										850.356			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 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 850.653 METRES ON AUG 2
MINIMUM OBSERVED DAILY WATER LEVEL, 850.277 METRES ON NOV 9
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA
MIN. OBSERVED WATER LEVEL, 849.630 METRES ON NOV 17/77

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 - 1981

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/NO

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

PINE LAKE NEAR PINE LAKE

STATION NO. 05CE902

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1								889.435	889.362				1
2								889.356					2
3								889.362					3
4													4
5													5
6					889.495								6
7						889.377							7
8								889.439					8
9								889.437					9
10													10
11								889.442					11
12								889.445					12
13													13
14													14
15						889.330	889.333		889.361				15
16													16
17						889.370							17
18		889.350			889.461		889.345						18
19						889.360							19
20													20
21							889.355						21
22					889.449								22
23													23
24							889.371	889.401					24
25													25
26								889.395					26
27													27
28					889.430			889.388				889.320	28
29													29
30						889.328	889.420						30
31							889.428	889.377					31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 889.495 METRES ON MAY 6 MAX. OBSERVED WATER LEVEL, 889.507 METRES ON JUN 29/80
MINIMUM OBSERVED DAILY WATER LEVEL, 889.320 METRES ON OCT 27 MIN. OBSERVED WATER LEVEL, 888.562 METRES ON NOV 15/67
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA

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 - 1981

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 1981

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		588.431						588.463					10
11													11
12					588.454								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 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 588.463 METRES ON JUL 8
MINIMUM OBSERVED DAILY WATER LEVEL, 588.290 METRES ON OCT 6
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

MAX. OBSERVED WATER LEVEL, 589.001 METRES ON SEP 1/71
MIN. OBSERVED WATER LEVEL, 588.290 METRES ON OCT 6/81

LAKE - STATION DESCRIPTION

STATION NAME: RAT LAKE near Donnelly

STATION NUMBER: 07GH905

LOCATION: 78-20-W5 - 3 miles East and 1.5 miles North of Donnelly.

GAUGE TYPE: None. Level Established by surveying.

PERIOD OF RECORD: 1980 - 1981

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

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

RAT LAKE NEAR DONNELLY

STATION NO. 07GH905

DAILY WATER LEVEL IN METRES FOR 1981

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										616.024			16
17													17
18													18
19													19
20	616.288												20
21					616.452								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 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 616.452 METRES ON MAY 21 MAX. OBSERVED WATER LEVEL, 616.452 METRES ON MAY 21/81
MINIMUM OBSERVED DAILY WATER LEVEL, 616.024 METRES ON OCT. 15 MIN. OBSERVED WATER LEVEL, 616.024 METRES ON OCT 15/81
WATER LEVELS ARE REFERRED TO GEODETIC ELEVATION

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 - 1981

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 1981

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							770.849						10
11													11
12													12
13													13
14													14
15													15
16										770.743			16
17													17
18													18
19													19
20		770.983											20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL

771.016

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 771.016 METRES ON APR 29
MINIMUM OBSERVED DAILY WATER LEVEL, 770.743 METRES ON OCT 15
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA
MAX. OBSERVED WATER LEVEL, 771.592 METRES ON MAY 22/75
MIN. OBSERVED WATER LEVEL, 769.672 METRES ON NOV 10/67

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: Staff Gauge

PERIOD OF RECORD: 1968; 1971 - 1981

HYDROGRAPHIC SURVEY MAP AVAILABLE: YES/NO

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

ROCK LAKE NEAR HINTON

STATION NO. 07AC905

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						29.016	28.778						1
2						29.047	28.778						2
3						29.005	28.780						3
4						28.969							4
5						28.941							5
6						28.905	28.776						6
7						28.885	28.790						7
8						28.857	28.782						8
9						28.847	28.782						9
10						28.837	28.782						10
11						28.837							11
12						28.837	28.784						12
13						28.835	28.784						13
14	28.590					28.833	28.786						14
15						28.835	28.786						15
16						28.833	28.786						16
17						28.815	28.787						17
18						28.805							18
19						28.803							19
20					28.870		28.791			28.632			20
21					28.944		28.795						21
22					29.052	28.773	28.799						22
23					29.124	28.767	28.805						23
24					29.122	28.754	28.809						24
25					29.114	28.746							25
26					29.146	28.764							26
27					29.174		28.813						27
28					29.082		28.835						28
29					29.000	28.768							29
30					29.016		28.861						30
31					29.046	28.776							31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 29.174 METRES ON MAY 27 MAX. OBSERVED WATER LEVEL, 29.108 METRES ON JUL 10/68
MINIMUM OBSERVED DAILY WATER LEVEL, 28.590 METRES ON JAN 14 MIN. OBSERVED WATER LEVEL, 28.590 METRES ON JAN 14/81
WATER LEVELS ARE REFERRED TO ASSUMED ELEVATION

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: None. Level established by surveying

PERIOD OF RECORD: 1979 - 1981

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 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5						1322.741							5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
			1322.469										
16													16
17													17
18													18
19													19
20													20
									1322.448				
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 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 1322.741 METRES ON JUN 5
MINIMUM OBSERVED DAILY WATER LEVEL, 1322.448 METRES ON SEP 16
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM
MAX. OBSERVED WATER LEVEL, 1323.143 METRES ON JUN 6/80
MIN. OBSERVED WATER LEVEL, 1322.311 METRES ON NOV 5/79

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 - 1981

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

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

SAMSON LAKE NEAR HOBBEWA

STATION NO. 05FA910

DAILY WATER LEVEL IN METRES FOR 1981

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							772.147						10
11													11
12													12
13													13
14													14
15													15
16										772.217			16
17													17
18													18
19		771.926											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

771.802

771.926

772.147

772.217

SUMMARY FOR THE YEAR 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 772.217 METRES ON OCT 15 MAX. OBSERVED WATER LEVEL, 772.695 METRES ON AUG 2/74
MINIMUM OBSERVED DAILY WATER LEVEL, 771.802 METRES ON APR 29 MIN. OBSERVED WATER LEVEL, 771.629 METRES ON OCT 3/75
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA

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 - 1981

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

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4		697.614											4
5													5
6													6
7													7
8													8
9													9
10													10
11					697.642								11
12													12
13													13
14										697.438			14
15													15
16					697.616								16
17					697.616								17
18					697.616								18
19					697.616								19
20					697.616								20
21					697.616								21
22					697.616								22
23					697.606		697.598						23
24					697.607								24
25					697.607								25
26					697.607								26
27					697.607								27
28					697.607								28
29					697.607								29
30					697.597								30
31					697.597								31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

HISTORICAL SUMMARY

SUMMARY FOR THE YEAR 1981

MAXIMUM OBSERVED DAILY WATER LEVEL, 697.642 METRES ON MAY 11 MAX. OBSERVED WATER LEVEL, 698.062 METRES ON JUL 19/74
MINIMUM OBSERVED DAILY WATER LEVEL, 697.438 METRES ON OCT 14 MIN. OBSERVED WATER LEVEL, 696.764 METRES ON SEP 25/70
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA

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 - 1981

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 1981

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
		628.815						628.742					
11													11
12													12
13													13
14													14
15													15
					628.903								
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 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 628.903 METRES ON MAY 14 MAX. OBSERVED WATER LEVEL, 629.260 METRES ON JUN 2/75
MINIMUM OBSERVED DAILY WATER LEVEL, 628.573 METRES ON OCT 13 MIN. OBSERVED WATER LEVEL, 627.428 METRES ON OCT /69
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA

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 - 1981

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 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2										903.438			2
3									903.468				3
4													4
5		903.548				903.611							5
6								903.531					6
7													7
8													8
9													9
10										903.426			10
11													11
12													12
13						903.586							13
14								903.524					14
15	903.560												15
16										903.423			16
17							903.540						17
18										903.467			18
19													19
20						903.396							20
21					903.569								21
22										903.415			22
23							903.552						23
24													24
25								903.470					25
26													26
27													27
28													28
29													29
30					903.639	903.444	903.563	903.454					30
31													31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 903.639 METRES ON MAY 29 MAX. OBSERVED WATER LEVEL, 903.769 METRES ON JUN 2/77
MINIMUM OBSERVED DAILY WATER LEVEL, 903.396 METRES ON JUN 20 MIN. OBSERVED WATER LEVEL, 903.235 METRES ON MAY 27/71
WATER LEVELS ARE REFERRED TO GEODETIC ELEVATION

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 - 1981

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 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1					711.536	711.435	711.340	711.212	711.149				1
2					711.558	711.420	711.339	711.201	711.148				2
3					711.537	711.420	711.349	711.203	711.147				3
4					711.523	711.421	711.326	711.203	711.143				4
5					711.516	711.402	711.314	711.205	711.144				5
6					711.520	711.400	711.317	711.207	711.139				6
7					711.505	711.402	711.295	711.206	711.142				7
8					711.515	711.377	711.293	711.209					8
9					711.495	711.366	711.287	711.202					9
10					711.486	711.366	711.285	711.202					10
11					711.486	711.368	711.281	711.195					11
12					711.488	711.366		711.178					12
13					711.488	711.364		711.180					13
14					711.499	711.364		711.170					14
15					711.500	711.360		711.167					15
16					711.502	711.357		711.165					16
17					711.499	711.354		711.167					17
18					711.498	711.352		711.162					18
19					711.492	711.353		711.156					19
20					711.482	711.355		711.158					20
21	711.470				711.492	711.356		711.158					21
22					711.481	711.355		711.161					22
23					711.463	711.364		711.155					23
24					711.460	711.358		711.158					24
25					711.465	711.356		711.157					25
26					711.446	711.356		711.151					26
27					711.446	711.357		711.149					27
28					711.447	711.346		711.147					28
29					711.446	711.344		711.150					29
30					711.445	711.341		711.151					30
31					711.506	711.339							31
TOTAL					21344.716	22052.474		21335.285					TOTAL

MEAN	711.491	711.370	711.176	MEAN
MAX	711.558	711.435	711.212	MAX
MIN	711.445	711.339	711.147	MIN

SUMMARY FOR THE YEAR 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 711.558 METRES ON JUN 2 MAX. OBSERVED WATER LEVEL, 711.766 METRES ON MAY 10/77
MINIMUM OBSERVED DAILY WATER LEVEL, 711.139 METRES ON OCT 6 MIN. OBSERVED WATER LEVEL, 709.270 METRES ON SEP 10/57
WATER LEVELS ARE REFERRED TO GEODETIC ELEVATION

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 - 1981

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 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4		737.749											4
5													5
6					737.757								6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15										737.594			15
16													16
17													17
18													18
19													19
20													20
21													21
22							737.733						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 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 737.757 METRES ON MAY 6 MAX. OBSERVED WATER LEVEL, 737.829 METRES ON AUG 13/79
MINIMUM OBSERVED DAILY WATER LEVEL, 737.594 METRES ON OCT 14 MIN. OBSERVED WATER LEVEL, 737.171 METRES ON NOV 6/70
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA

LAKE - STATION DESCRIPTION

STATION NAME: SEVERN RESERVOIR

STATION NUMBER: 05CE903

LOCATION: 26-22-W4 - 7 miles North and 1¼ mile East of Standard.

GAUGE TYPE: Staff Gauge and Tape and Weight.

PERIOD OF RECORD: 1979 - 1981

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 1981

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			860.652										11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21												859.917	21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL						860.770	860.740	860.542	860.481	860.450	860.450		TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 860.770 METRES ON JUN 28
MINIMUM OBSERVED DAILY WATER LEVEL, 859.917 METRES ON DEC 23
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM
MAX. OBSERVED WATER LEVEL, 860.755 METRES ON MAY 31/79
MIN. OBSERVED WATER LEVEL, 859.840 METRES ON MAR 13/80

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 - 1981

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 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						1246.751							1
2													2
3													3
4													4
5													5
6								1246.461					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

1246.400

TOTAL
MEAN
MAX
MIN

TOTAL
MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 1246.751 METRES ON JUN 5
MINIMUM OBSERVED DAILY WATER LEVEL, 1246.400 METRES ON MAR 13
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

MAX. OBSERVED WATER LEVEL, 1246.861 METRES ON APR 18/79
MIN. OBSERVED WATER LEVEL, 1246.184 METRES ON OCT 20/77

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 - 1981

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 1981

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	30.088												16
17													17
18													18
19													19
20													20
21					29.776					30.054			21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL						30.032							TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 30.088 METRES ON JAN 16 MAX. OBSERVED WATER LEVEL, 30.364 METRES ON FEB 11/80
MINIMUM OBSERVED DAILY WATER LEVEL, 29.776 METRES ON MAY 22 MIN. OBSERVED WATER LEVEL, 29.596 METRES ON JAN 20/75
WATER LEVELS ARE REFERRED TO ASSUMED ELEVATION

LAKE - STATION DESCRIPTION

STATION NAME: SHUSTER LAKE near Wainwright

STATION NUMBER: 05DF902

LOCATION: 43-5-W4 - 10 miles East and 7 miles South of Wainwright.

GAUGE TYPE: Staff Gauge

PERIOD OF RECORD: 1980 - 1981

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

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

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

SHUSTER LAKE NEAR WAINWRIGHT

STATION NO. 05DF902

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1					29.374								1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11		29.659											11
12													12
13													13
14													14
15							29.260						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

29.277

SUMMARY FOR THE YEAR 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 29.659 METRES ON FEB 11 MAX. OBSERVED WATER LEVEL, 29.665 METRES ON MAY 27/80
MINIMUM OBSERVED DAILY WATER LEVEL, 29.260 METRES ON JUL 14 MIN. OBSERVED WATER LEVEL, 29.260 METRES ON JUL 14/81
WATER LEVELS ARE REFERRED TO ASSUMED DATUM

MEAN
MAX
MIN

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 - 1981

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. 07GD9002

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5													5
6										790.846			6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16							791.019						16
17													17
18													18
19													19
20													20
21													21
22	791.165				791.239								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 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 791.239 METRES ON MAY 22 MAX. OBSERVED WATER LEVEL, 791.465 METRES ON AUG 24/76
MINIMUM OBSERVED DAILY WATER LEVEL, 790.846 METRES ON OCT 6 MIN. OBSERVED WATER LEVEL, 790.804 METRES ON NOV 10/78
WATER LEVELS ARE REFERRED TO GEODETIC ELEVATION

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 - 1981

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 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1										623.450			1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9		623.561											9
10													10
11					623.614		623.621						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 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 623.621 METRES ON JUL 11 MAX. OBSERVED WATER LEVEL, 623.846 METRES ON JUL 23/74
MINIMUM OBSERVED DAILY WATER LEVEL, 623.450 METRES ON OCT 5 MIN. OBSERVED WATER LEVEL, 623.155 METRES ON SEP 11/68
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA 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: Staff Gauge

PERIOD OF RECORD: 1968 - 1981

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. 07GG902

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						837.291		837.053	836.974				1
2							837.057	837.053					2
3							837.044	837.058					3
4							837.038						4
5						837.320							5
6						837.284	837.002	837.053					6
7						837.237		837.058					7
8						837.218		837.053					8
9							836.962	837.053					9
10							836.964	837.052					10
11						837.174	836.958						11
12						837.181		837.033					12
13						837.199	836.975	837.053					13
14						837.202		837.053					14
15						837.209		837.053					15
16	836.880						836.962	837.032					16
17							836.954						17
18						837.161	836.943						18
19						837.142							19
20						837.143	836.961	837.034					20
21										836.899			21
22					837.025	837.183		837.014					22
23					837.030	837.167	836.969	836.994					23
24					837.027	837.150	836.978						24
25					837.032	837.154	836.988						25
26													26
27					837.094	837.144	836.977	836.992					27
28					837.156	837.103	836.986	836.979					28
29					837.179	837.077							29
30							837.033						30
31					837.254		837.043						31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

HISTORICAL SUMMARY

SUMMARY FOR THE YEAR 1981

MAXIMUM OBSERVED DAILY WATER LEVEL, 837.320 METRES ON JUN 5 MAX. OBSERVED WATER LEVEL, 837.590 METRES ON JUL 14/71
MINIMUM OBSERVED DAILY WATER LEVEL, 836.880 METRES ON JAN 16 MIN. OBSERVED WATER LEVEL, 836.710 METRES ON JAN 31/78
WATER LEVELS ARE REFERRED TO GEODETIC ELEVATION

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 - 1981

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 1981

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

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 636.969 METRES ON MAY 14
MINIMUM OBSERVED DAILY WATER LEVEL, 636.577 METRES ON OCT 8
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

MAX. OBSERVED WATER LEVEL, 638.196 METRES ON JUN 11/74
MIN. OBSERVED WATER LEVEL, 636.313 METRES ON SEP 3/71

LAKE - STATION DESCRIPTION

STATION NAME: SNIPE LAKE near Valleyview

STATION NUMBER: 07GH901

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

GAUGE TYPE: Staff Gauge

PERIOD OF RECORD: 1973 - 1981

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 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						742.508	742.413	742.368	742.220				1
2						742.504		742.366	742.220				2
3						742.496	742.409	742.360	742.208				3
4								742.352	742.204				4
5								742.353	742.198				5
6								742.353	742.195				6
7						742.481		742.349					7
8						742.479		742.347					8
9							742.370	742.343					9
10							742.370	742.334					10
11						742.469	742.370	742.326	742.192				11
12						742.475	742.368	742.316	742.188				12
13						742.475		742.306	742.186				13
14								742.300	742.186				14
15						742.455	742.366		742.186	742.164			15
16							742.366	742.297	742.184				16
17						742.465	742.366	742.297	742.185				17
18						742.481	742.366	742.295	742.185				18
19							742.366	742.295	742.183				19
20	742.420							742.287	742.183				20
21					742.506			742.280	742.181				21
22					742.504	742.453	742.398	742.276	742.180				22
23					742.510		742.392	742.274	742.178				23
24					742.516	742.443	742.392	742.264	742.176				24
25					742.508		742.393	742.256	742.176				25
26													26
27					742.504		742.393	742.247	742.174				27
28						742.427	742.385	742.241	742.173				28
29					742.496	742.415	742.379	742.223					29
30						742.413	742.373	742.221					30
31					742.514		742.370	742.221					31
TOTAL													TOTAL

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 742.516 METRES ON MAY 24 MAX. OBSERVED WATER LEVEL, 743.207 METRES ON JUL 12/77

MINIMUM OBSERVED DAILY WATER LEVEL, 742.164 METRES ON OCT 15 MIN. OBSERVED WATER LEVEL, 742.164 METRES ON OCT 15/81

WATER LEVELS ARE REFERRED TO GEODETIC ELEVATION

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 - 1981

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 1981

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

DRY

DRY

DRY

SUMMARY FOR THE YEAR 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, ***** METRES ON OCT 27 MAX. OBSERVED WATER LEVEL, 657.368 METRES ON MAY 20/76
MINIMUM OBSERVED DAILY WATER LEVEL, DRY ON FEB 11 MIN. OBSERVED WATER LEVEL, DRY ON SEVERAL OCCASIONS
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA

MEAN
MAX
MIN

MEAN
MAX
MIN
TOTAL

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 - 1981

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 1981

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		724.081											6
7													7
8					724.126								8
9													9
10								724.018					10
11													11
12													12
13													13
14													14
15													15
16										723.872			16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24							724.052						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 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 724.126 METRES ON MAY 8 MAX. OBSERVED WATER LEVEL, 726.351 METRES ON OCT /39
MINIMUM OBSERVED DAILY WATER LEVEL, 723.872 METRES ON OCT 15 MIN. OBSERVED WATER LEVEL, 722.989 METRES ON MAY 21/68
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA

LAKE - STATION DESCRIPTION

STATION NAME: SPRUCE COULEE RESERVOIR near Medicine Hat

STATION NUMBER: 11AB901

LOCATION: 8-2-W4.

GAUGE TYPE: None. Level established by surveying

PERIOD OF RECORD: 1978 - 1981

HYDROGRAPHIC SURVEY MAP AVAILABLE: YES/NO

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

SPRUCE COULEE RESERVOIR NEAR MEDICINE HAT

STATION NO. 11AB901

DAILY WATER LEVEL IN METRES FOR 1981

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						27.630							TOTAL
									27.142				

SUMMARY FOR THE YEAR 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 27.630 METRES ON JUN 12 MAX. OBSERVED WATER LEVEL, 27.950 METRES ON MAY 26/78
MINIMUM OBSERVED DAILY WATER LEVEL, 27.142 METRES ON SEP 30 MIN. OBSERVED WATER LEVEL, 27.456 METRES ON SEP 3/78
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

MEAN
MAX
MIN

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: None. Level established by surveying.

PERIOD OF RECORD: 1973 - 1981

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 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1										28.481			1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10		28.678						28.684					10
11					28.710								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 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 28.710 METRES ON MAY 11 MAX. OBSERVED WATER LEVEL, 29.078 METRES ON JUN 6/74
MINIMUM OBSERVED DAILY WATER LEVEL, 28.481 METRES ON OCT 5 MIN. OBSERVED WATER LEVEL, 27.798 METRES ON MAR 13/74
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 - 1981

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

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

STAPLEHURST LAKE NEAR LLOYDMINSTER
DAILY WATER LEVEL IN METRES FOR 1981

STATION NO. 05EF901

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1					646.649								1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10		646.591					646.414						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 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 646.649 METRES ON MAY 4
MINIMUM OBSERVED DAILY WATER LEVEL, 646.414 METRES ON JUL 7
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA
MAX. OBSERVED WATER LEVEL, 647.932 METRES ON MAY 16/72
MIN. OBSERVED WATER LEVEL, 646.325 METRES ON OCT 17/78

LAKE - STATION DESCRIPTION

STATION NAME: STAR LAKE near Carvel Corner

STATION NUMBER: 05DE905

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 - 1981

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 1981

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		738.033											6
7													7
8					738.112								8
9													9
10							738.104						10
11													11
12													12
13													13
14													14
15													15
16										737.973			16
17													17
18													18
19													19
20													20
21													21
22													22
23							738.106						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 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 738.112 METRES ON MAY 8 MAX. OBSERVED WATER LEVEL, 738.112 METRES ON MAY 8/81
MINIMUM OBSERVED DAILY WATER LEVEL, 737.973 METRES ON OCT 15 MIN. OBSERVED WATER LEVEL, 736.747 METRES ON OCT 5/70
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA

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 - 1981

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

REMARKS: Water levels are Geodetic 1971 - 1977, assumed 1978 - 1981.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

STRUBEL LAKE NEAR CAROLINE

STATION NO. 05DB901

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						29.596							1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12								29.693					12
13													13
14													14
15								29.615					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

29.471

29.596

29.693

29.615

29.552

SUMMARY FOR THE YEAR 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 29.693 METRES ON AUG 12 MAX. OBSERVED WATER LEVEL, 29.693 METRES ON AUG 12/81
MINIMUM OBSERVED DAILY WATER LEVEL, 29.471 METRES ON FEB 17 MIN. OBSERVED WATER LEVEL, 29.297 METRES ON OCT 18/79
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 - 1981

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 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						1211.440							1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12								1211.423					12
13													13
14													14
15							1211.860						15
16													16
17		1211.409											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

1211.205

SUMMARY FOR THE YEAR 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 1211.860 METRES ON JUL 15 MAX. OBSERVED WATER LEVEL, 1211.860 METRES ON JUL 15/81
MINIMUM OBSERVED DAILY WATER LEVEL, 1211.205 METRES ON OCT 27 MIN. OBSERVED WATER LEVEL, 1211.114 METRES ON SEP 10/73
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA 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 - 1981

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 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						653.956	653.936	653.895	653.826				1
2						653.966	653.936	653.896	653.826				2
3						653.966	653.936	653.896	653.816				3
4		653.930					653.936	653.895	653.806				4
5						653.956	653.936	653.886	653.806				5
6					653.968	653.956	653.926	653.886	653.796				6
7						653.956	653.936	653.886	653.786				7
8						653.956		653.886	653.786				8
9						653.956		653.866	653.786				9
10						653.956	653.926	653.856					10
11					654.016	653.956	653.906	653.846	653.766				11
12						653.956	653.886	653.856	653.766				12
13						653.956	653.886	653.856	653.766				13
14						653.956		653.856	653.766	653.764			14
15						653.956	653.876	653.856	653.756				15
16						653.956	653.876	653.856	653.756				16
17						653.956	653.876	653.856	653.756				17
18						653.956	653.876	653.856	653.756				18
19						653.956	653.876	653.846	653.756				19
20						653.956	653.886	653.846	653.756				20
21						653.956	653.906	653.846	653.756				21
22						653.956	653.888	653.846	653.766				22
23						653.956	653.906	653.846	653.766				23
24					653.966		653.906	653.846	653.766				24
25					653.966	653.946	653.906	653.846	653.766				25
26					653.956	653.946	653.906	653.846	653.766				26
27					653.956	653.946	653.906	653.836	653.766				27
28					653.956	653.936	653.906	653.836					28
29						653.936	653.906	653.836					29
30						653.936	653.906	653.836					30
31						653.936	653.906	653.826					31
TOTAL							20269.626						TOTAL

MEAN	653.859	MEAN
MAX	653.896	MAX
MIN	653.826	MIN

SUMMARY FOR THE YEAR 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 654.016 METRES ON MAY 11 MAX. OBSERVED WATER LEVEL, 654.162 METRES ON MAY 10/72
MINIMUM OBSERVED DAILY WATER LEVEL, 653.756 METRES ON SEP 15 MIN. OBSERVED WATER LEVEL, 653.129 METRES ON SEP 13/68
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA

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: None. Level established by surveying.

PERIOD OF RECORD: 1969 - 1981

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

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

TOUCHWOOD LAKE NEAR LAC LA BICHE

STATION NO. 06AB902

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1										29.243			1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10		29.300					29.373						10
11					29.336								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 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 29.373 METRES ON JUL 8 MAX. OBSERVED WATER LEVEL, 29.648 METRES ON JUN 10/79
MINIMUM OBSERVED DAILY WATER LEVEL, 29.243 METRES ON OCT 5 MIN. OBSERVED WATER LEVEL, 29.063 METRES ON SEP 30/73
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 - 1981

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 1981

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							919.449						9
10													10
11								919.619					11
12													12
13													13
14													14
15										919.668			15
16													16
17													17
18													18
19													19
20		919.018											20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL				919.167									TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 919.668 METRES ON OCT 15 MAX. OBSERVED WATER LEVEL, 920.002 METRES ON OCT 4/68
MINIMUM OBSERVED DAILY WATER LEVEL, 919.018 METRES ON FEB 19 MIN. OBSERVED WATER LEVEL, 919.018 METRES ON FEB 19/81
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA

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 - 1981

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

REMARKS:

STATION NO. 05DE907

DAILY WATER LEVEL IN METRES FOR 1981												
DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1												1
2												2
3												3
4												4
5												5
6												6
7												7
8												8
9												9
10							931.005					10
11								931.044				11
12												12
13												13
14												14
15										931.054		15
16												16
17												17
18												18
19												19
20		931.214										20
21												21
22												22
23												23
24												24
25												25
26												26
27												27
28												28
29												29
30												30
31							931.047					31

SUMMARY FOR THE YEAR 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 931.214 METRES ON FEB 19 MAX. OBSERVED WATER LEVEL, 931.214 METRES ON FEB 19/81
MINIMUM OBSERVED DAILY WATER LEVEL, 931.005 METRES ON JUL 9 MIN. OBSERVED WATER LEVEL, 930.622 METRES ON OCT 15/70
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA

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: None. Level established by surveying

PERIOD OF RECORD: 1977 - 1981

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 1981

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			959.151			959.129							10
11													11
12													12
13													13
14													14
15													15
16									959.151				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 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 959.151 METRES ON MAR 10
MINIMUM OBSERVED DAILY WATER LEVEL, 959.129 METRES ON JUN 10
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

MAX. OBSERVED WATER LEVEL, 959.894 METRES ON MAY 2/79
MIN. OBSERVED WATER LEVEL, 959.163 METRES ON NOV 12/80

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 - 1981

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 1981

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										794.441			6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16							794.599						16
17													17
18													18
19													19
20													20
21													21
22					794.241								22
23	794.157												23
24						794.686							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 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 794.686 METRES ON JUN 24 MAX. OBSERVED WATER LEVEL, 794.486 METRES ON JUL 11/77
MINIMUM OBSERVED DAILY WATER LEVEL, 794.157 METRES ON JAN 23 MIN. OBSERVED WATER LEVEL, 793.766 METRES ON DEC 6/79
WATER LEVELS ARE REFERRED TO GEODETIC ELEVATION

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 - 1981

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/~~NO~~

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

UPPER MANN LAKE NEAR ASHMONT

STATION NO. 06AA911

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						616.007	616.000		615.861				1
2						615.997	616.000						2
3													3
4						615.995	615.992						4
5							615.982						5
6							615.982						6
7							615.963						7
8							615.963						8
9							615.963		615.962				9
10							615.965		615.962				10
11									615.861				11
12							615.963		615.962				12
13							615.963		615.962				13
14							615.961		615.962				14
15									615.962				15
16						616.034							16
17						615.959							17
18													18
19						616.009			615.960				19
20						616.035							20
21						616.031							21
22						616.027							22
23													23
24						616.006	616.011		615.912				24
25						616.006	616.021		615.881				25
26						616.006							26
27						616.006			615.861				27
28						616.006			615.861				28
29						616.006							29
30						616.006							30
31						616.001	615.982						31
TOTAL							615.982						TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 616.035 METRES ON MAY 19 MAX. OBSERVED WATER LEVEL, 616.324 METRES ON MAY 19/72
MINIMUM OBSERVED DAILY WATER LEVEL, 615.795 METRES ON OCT 8 MIN. OBSERVED WATER LEVEL, 615.556 METRES ON OCT 31/67
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA 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 - 1981

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 1981

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										635.805			6
7													7
8													8
9													9
10							635.952						10
11		636.056											11
12					636.120								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 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 636.120 METRES ON MAY 13
MINIMUM OBSERVED DAILY WATER LEVEL, 635.805 METRES ON OCT 7
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

MAX. OBSERVED WATER LEVEL, 636.490 METRES ON JUN 11/74
MIN. OBSERVED WATER LEVEL, 635.737 METRES ON AUG 4/76

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 - 1981

HYDROGRAPHIC SURVEY MAP AVAILABLE: YES/NO

REMARKS: There is a new dam under construction at this site. This level is a river level only. Reservoir levels will be available for 1982.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

VERMILION RESERVOIR AT VERMILION
DAILY WATER LEVEL IN METRES FOR 1981

STATION NO. 05EE905

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		577.075											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 1981

MAXIMUM OBSERVED DAILY WATER LEVEL, 577.075 METRES ON FEB 10

MINIMUM OBSERVED DAILY WATER LEVEL, 577.075 METRES ON FEB 10
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA 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 - 1981

HYDROGRAPHIC SURVEY MAP AVAILABLE: YES/NO

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

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

VERMILION RIVER NEAR MORECAMBE

STATION NO. 05EE906

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1				599.746	599.304	599.154							1
2				599.782		599.109	598.822						2
3				599.795	599.307	599.124							3
4					599.325	599.087							4
5													5
6				599.837			598.737	599.029					6
7				599.834	599.282	598.950							7
8				599.801		598.847							8
9		599.176		599.688			598.859						9
10				599.712									10
11						598.962							11
12				599.609	599.301								12
13				599.603	599.292	599.011				598.798			13
14				599.593									14
15													15
16							598.895						16
17			599.209	599.603		599.075							17
18					599.258	599.026							18
19													19
20													20
21				599.508	599.276								21
22				599.484									22
23				599.465			598.962						23
24				599.398									24
25					599.225								25
26													26
27				599.401									27
28													28
29				599.447	599.249								29
30			599.670	599.383			598.975						30
31			599.703										31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 599.837 METRES ON APR 6 MAX. OBSERVED WATER LEVEL, 601.346 METRES ON APR 25/74
MINIMUM OBSERVED DAILY WATER LEVEL, 598.737 METRES ON JUL 7 MIN. OBSERVED WATER LEVEL, 597.222 METRES ON JAN 31/77
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA

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 - 1981

HYDROGRAPHIC SURVEY MAP AVAILABLE:

~~YES~~/NO

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

VERMILION RIVER NEAR MUSIDORA

STATION NO. 05EE907

DAILY WATER LEVEL IN METRES FOR 1981													
DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1				599.642	599.136	598.969							1
2				599.688		598.944							2
3				599.706		598.898							3
4					599.100	598.865							4
5													5
6				599.657									6
7				599.621	599.060								7
8				599.575		598.792							8
9		598.959		599.523									9
10				599.511									10
11						598.777							11
12					599.075								12
13				599.459						598.694			13
14				599.407	599.167								14
15				599.395									15
16													16
17			598.984	599.350		598.801	598.648						17
18													18
19					599.045								19
20													20
21													21
22				599.258	599.042								22
23				599.246									23
24				599.234									24
25				599.194	599.029								25
26													26
27				599.173									27
28													28
29				599.158	599.002								29
30				599.145									30
31				599.542									31
				599.584									

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 599.706 METRES ON APR 3 MAX. OBSERVED WATER LEVEL, 601.498 METRES ON APR 24/74
MINIMUM OBSERVED DAILY WATER LEVEL, 598.648 METRES ON JUL 17 MIN. OBSERVED WATER LEVEL, 598.648 METRES ON JUL 17/81
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA

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 - 1981

HYDROGRAPHIC SURVEY MAP AVAILABLE:

~~YES~~/NO

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

VERMILION RIVER AT TWO HILLS (HIGHWAY # 36)

STATION NO. 05EE908

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1				600.014	599.282	599.103							1
2				599.980									2
3				599.956		599.109							3
4					599.206	599.090							4
5					599.237	599.072							5
6				599.813									6
7				599.788	599.243								7
8				599.737		598.981							8
9		599.066		599.731									9
10				599.679									10
11						598.929							11
12				599.587	599.182								12
13				599.542						598.740			13
14				599.514	599.182								14
15													15
16				599.478		598.920	598.816						16
17													17
18					599.182								18
19													19
20													20
21				599.377	599.151								21
22				599.362									22
23				599.350									23
24				599.365									24
25					599.161								25
26													26
27				599.298									27
28													28
29				599.292	599.093								29
30				599.261									30
31													31
TOTAL				600.014									TOTAL
				600.051									

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 600.051 METRES ON MAR 31 MAX. OBSERVED WATER LEVEL, 601.950 METRES ON APR 24/74
MINIMUM OBSERVED DAILY WATER LEVEL, 598.740 METRES ON OCT 13 MIN. OBSERVED WATER LEVEL, 598.444 METRES ON MAR 12/80
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA

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 - 1981

HYDROGRAPHIC SURVEY MAP AVAILABLE: YES/NO

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

VERMILION RIVER FOUR MILES WEST OF TWO HILLS STATION NO. 05EE909

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1				600.041	599.234	599.136							1
2													2
3				599.987		599.185							3
4					599.167	599.170							4
5					599.188	599.167							5
6				599.813									6
7				599.791	599.218								7
8				599.752		599.145	599.115						8
9		599.142		599.752									9
10				599.679									10
11													11
12					599.142	599.124							12
13				599.572						598.926			13
14				599.526	599.173								14
15				599.514									15
16													16
17				599.447		599.081							17
18					599.130								18
19													19
20													20
21				599.343	599.142								21
22				599.310									22
23				599.301									23
24				599.328									24
25					599.139								25
26													26
27				599.252									27
28													28
29				599.188	599.075								29
30				599.194									30
31													31
TOTAL			600.075										TOTAL
			600.066										

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 600.075 METRES ON MAR 30 MAX. OBSERVED WATER LEVEL, 602.224 METRES ON APR 25/74
MINIMUM OBSERVED DAILY WATER LEVEL, 598.926 METRES ON OCT 13 MIN. OBSERVED WATER LEVEL, 598.600 METRES ON JAN 31/77
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA

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 - 1981

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 1981

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

1117.227

1117.072

1117.213

SUMMARY FOR THE YEAR 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 1117.271 METRES ON JAN 13 MAX. OBSERVED WATER LEVEL, 1117.571 METRES ON JUN 27/78
MINIMUM OBSERVED DAILY WATER LEVEL, 1117.072 METRES ON OCT 19 MIN. OBSERVED WATER LEVEL, 1115.784 METRES ON SEP 24/75
WATER LEVELS ARE REFERRED TO GEODETIC ELEVATION

MEAN
MAX
MIN

LAKE - STATION DESCRIPTION

STATION NAME: VINCENT LAKE near Ashmont

STATION NUMBER: 05ED913

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 - 1981

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

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

VINCENT LAKE NEAR ASHMDNT

STATION NO. 05ED913

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						636.412	636.400	636.361		636.172			1
2						636.413	636.401	636.361					2
3						636.408	636.392	636.356		636.171			3
4						636.404	636.393	636.351		636.171			4
5													5
6						636.390	636.393	636.351	636.276	636.171			6
7						636.386	636.394	636.350	636.266	636.146			7
8						636.386	636.360	636.350					8
9						636.386	636.410	636.340	636.255				9
10													10
11	636.386					636.388	636.405	636.335					11
12						636.388		636.330	636.245				12
13					636.453	636.379	636.404	636.329	636.235				13
14					636.454		636.394	636.329	636.235				14
15						636.370	636.373	636.319					15
16						636.411	636.384	636.319	636.224				16
17						636.413	636.384	636.314	636.224				17
18							636.373	636.309	636.214				18
19					636.444	636.413	636.308	636.194					19
20													20
21					636.444	636.415	636.373	636.308	636.183				21
22					636.435		636.363	636.303	636.183				22
23					636.436	636.406	636.373	636.298					23
24					636.437		636.382	636.287					24
25						636.407	636.372	636.287					25
26					636.428	636.408	636.372	636.282					26
27					636.429		636.372	636.277					27
28						636.400	636.357	636.277					28
29					636.421		636.352	636.277					29
30													30
31													31
TOTAL							19725.914						TOTAL

MEAN
MAX
MIN

636.320
636.361
636.277

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 636.454 METRES ON MAY 14 MAX. OBSERVED WATER LEVEL, 636.727 METRES ON JUN 12/74
MINIMUM OBSERVED DAILY WATER LEVEL, 636.146 METRES ON OCT 7 MIN. OBSERVED WATER LEVEL, 635.959 METRES ON NOV 12/70
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA 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 - 1981

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 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3		621.549											3
4													4
5					621.710								5
6													6
7													7
8													8
9													9
10													10
11													11
12										621.307			12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21							621.350						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 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 621.710 METRES ON MAY 5 MAX. OBSERVED WATER LEVEL, 622.524 METRES ON JUL 19/74
MINIMUM OBSERVED DAILY WATER LEVEL, 621.307 METRES ON OCT 13 MIN. OBSERVED WATER LEVEL, 621.128 METRES ON SEP 13/68
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA

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 - 1981

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

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1				600.743	600.648	600.554							1
2				600.764									2
3				600.776									3
4					600.636	600.541	600.307						4
5					600.642	600.453							5
6				600.800									6
7				600.782	600.642			600.292	600.285				7
8				600.784									8
9		600.323		600.779		600.429							9
10				600.779									10
11													11
12				600.614		600.413							12
13				600.755									13
14				600.752	600.636								14
15				600.749									15
16													16
17				600.752									17
18			600.483			600.392	600.316						18
19													19
20					600.618								20
21													21
22				600.712	600.605								22
23				600.718									23
24				600.709									24
25				600.700	600.575		600.273						25
26													26
27				600.666									27
28													28
29				600.666	600.563								29
30				600.679									30
31				600.712									31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 600.800 METRES ON APR 6 MAX. OBSERVED WATER LEVEL, 601.556 METRES ON MAY 9/74
MINIMUM OBSERVED DAILY WATER LEVEL, 600.116 METRES ON OCT. 13 MIN. OBSERVED WATER LEVEL, 600.116 METRES ON OCT 13/81
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA

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 - 1981

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 STROME

STATION NO. 05FB902

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1					686.663								1
2													2
3													3
4													4
5													5
6													6
7							686.564						7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16										686.297			16
17													17
18													18
19													19
20		686.707											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 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 686.707 METRES ON FEB 18
MINIMUM OBSERVED DAILY WATER LEVEL, 686.297 METRES ON OCT 14
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA

MAX. OBSERVED WATER LEVEL, 686.754 METRES ON MAR 11/80
MIN. OBSERVED WATER LEVEL, 686.297 METRES ON OCT 14/81

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 - 1981

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

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

MEMBLEY LAKE NEAR MEMBLEY

STATION NO. 07GE914

DAILY WATER LEVEL IN METRES FOR 1981

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										727.305			6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17							727.484						17
18													18
19													19
20													20
21													21
22													22
23													23
24	727.565												24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL					727.659								TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 727.659 METRES ON MAY 28
MINIMUM OBSERVED DAILY WATER LEVEL, 727.305 METRES ON OCT 6
WATER LEVELS ARE REFERRED TO GEODETIC ELEVATION

MAX. OBSERVED WATER LEVEL, 727.728 METRES ON FEB 8/77
MIN. OBSERVED WATER LEVEL, 727.305 METRES ON OCT 6/81

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: None. Level established by surveying.

PERIOD OF RECORD: 1958; 1960-65; 1968 - 1981

HYDROGRAPHIC SURVEY MAP AVAILABLE: YES/NO

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

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

WHITEFISH LAKE NEAR VILNA

STATION NO. 06AA915

DAILY WATER LEVEL IN METRES FOR 1981

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										576.935			8
9													9
10							577.194						10
11													11
12		577.118											12
13													13
14					577.212								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 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 577.212 METRES ON MAY 14 MAX. OBSERVED WATER LEVEL, 578.102 METRES ON AUG 29/75
MINIMUM OBSERVED DAILY WATER LEVEL, 576.935 METRES ON OCT 8 MIN. OBSERVED WATER LEVEL, 576.709 METRES ON SEP 29/65
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA 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 - 1981

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 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1					625.925								1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10		625.655					625.724						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 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 625.925 METRES ON MAY 4 MAX. OBSERVED WATER LEVEL, 626.544 METRES ON JUN 6/74
MINIMUM OBSERVED DAILY WATER LEVEL, 625.550 METRES ON OCT 13 MIN. OBSERVED WATER LEVEL, 625.478 METRES ON FEB 22/78
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA

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 - 1981

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 1981

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

567.327

567.288

567.202

567.039

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 567.327 METRES ON FEB 11 MAX. OBSERVED WATER LEVEL, 567.910 METRES ON JUL 14/71
MINIMUM OBSERVED DAILY WATER LEVEL, 567.039 METRES ON OCT 7 MIN. OBSERVED WATER LEVEL, 567.032 METRES ON SEP 12/68
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA 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: Staff Gauge

PERIOD OF RECORD: 1969 - 1981

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 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2								1150.228					2
3								1150.228					3
4								1150.228					4
5						1150.245	1150.183		1150.133				5
6						1150.245	1150.147		1150.133				6
7						1150.244							7
8						1150.244							8
9						1150.244		1150.207					9
10								1150.207					10
11						1150.244	1150.149						11
12						1150.244	1150.149		1150.122				12
13						1150.244			1150.122				13
14	1150.226					1150.244							14
15								1150.176					15
16								1150.176					16
17							1150.149						17
18						1150.238	1150.149						18
19						1150.238	1150.149	1150.175		1150.083			19
20													20
21					1150.262	1150.238							21
22													22
23													23
24													24
25					1150.288	1150.219	1150.199						25
26						1150.209	1150.199						26
27						1150.209	1150.189						27
28					1150.288	1150.209							28
29						1150.209							29
30					1150.246			1150.134					30
31					1150.268			1150.134					31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 1150.288 METRES ON MAY 25 MAX. OBSERVED WATER LEVEL, 1150.431 METRES ON MAY 4/76
MINIMUM OBSERVED DAILY WATER LEVEL, 1150.083 METRES ON OCT 20 MIN. OBSERVED WATER LEVEL, 1149.553 METRES ON JAN 26/77
WATER LEVELS ARE REFERRED TO GEODETIC ELEVATION

LAKE - STATION DESCRIPTION

STATION NAME: WINDSOR LAKE near Bashaw

STATION NUMBER: 05FA914

LOCATION: 42-22-W4 - 42-22-W4 - Approximately 5 miles West and
1 mile North.

GAUGE TYPE: Staff Gauge

PERIOD OF RECORD: 1980 - 1981

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/NO

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

WINDSOR LAKE NEAR BASHAW

STATION NO. 05FA914

DAILY WATER LEVEL IN METRES FOR 1981

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							23.507						9
10													10
11													11
12													12
13													13
14													14
15													15
16										23.307			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

23.635

23.650

SUMMARY FOR THE YEAR 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 23.650 METRES ON APR 29 MAX. OBSERVED WATER LEVEL, 23.694 METRES ON AUG 14/80
MINIMUM OBSERVED DAILY WATER LEVEL, 23.307 METRES ON OCT 15 MIN. OBSERVED WATER LEVEL, 23.307 METRES ON OCT 15/81
WATER LEVELS ARE REFERRED TO ASSUMED 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 - 1981

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

REMARKS: Geodetic Elevation verified May 1978.

STATION NO. 05DF901

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

12345678910111213141516171819202122232425262728293031323334353637383940414243444546474849505152535455565758596061626364656667686970717273747576777879808182838485868788899091929394959697989910010110210310410510610710810911011111211311411511611711811912012112212312412512612712812913013113213313413513613713813914014114214314414514614714814915015115215315415515615715815916016116216316416516616716816917017117217317417517617717817918018118218318418518618718818919019119219319419519619719819920020120220320420520620720820921021121221321421521621721821922022122222322422522622722822923023123223323423523623723823924024124224324424524624724824925025125225325425525625725825926026126226326426526626726826927027127227327427527627727827928028128228328428528628728828929029129229329429529629729829930030130230330430530630730830931031131231331431531631731831932032132232332432532632732832933033133233333433533633733833934034134234334434534634734834935035135235335435535635735835936036136236336436536636736836937037137237337437537637737837938038138238338438538638738838939039139239339439539639739839940040140240340440540640740840941041141241341441541641741841942042142242342442542642742842943043143243343443543643743843944044144244344444544644744844945045145245345445545645745845946046146246346446546646746846947047147247347447547647747847948048148248348448548648748848949049149249349449549649749849950050150250350450550650750850951051151251351451551651751851952052152252352452552652752852953053153253353453553653753853954054154254354454554654754854955055155255355455555655755855956056156256356456556656756856957057157257357457557657757857958058158258358458558658758858959059159259359459559659759859960060160260360460560660760860961061161261361461561661761861962062162262362462562662762862963063163263363463563663763863964064164264364464564664764864965065165265365465565665765865966066166266366466566666766866967067167267367467567667767867968068168268368468568668768868969069169269369469569669769869970070170270370470570670770870971071171271371471571671771871972072172272372472572672772872973073173273373473573673773873974074174274374474574674774874975075175275375475575675775875976076176276376476576676776876977077177277377477577677777877978078178278378478578678778878979079179279379479579679779879980080180280380480580680780880981081181281381481581681781881982082182282382482582682782882983083183283383483583683783883984084184284384484584684784884985085185285385485585685785885986086186286386486586686786886987087187287387487587687787887988088188288388488588688788888989089189289389489589689789889990090190290390490590690790890991091191291391491591691791891992092192292392492592692792892993093193293393493593693793893994094194294394494594694794894995095195295395495595695795895996096196296396496596696796896997097197297397497597697797897998098198298398498598698798898999099199299399499599699799899910001001100210031004100510061007100810091010101110121013101410151016101710181019102010211022102310241025102610271028102910301031103210331034103510361037103810391040104110421043104410451046104710481049105010511052105310541055105610571058105910601061106210631064106510661067106810691070107110721073107410751076107710781079108010811082108310841085108610871088108910901091109210931094109510961097109810991100110111021103110411051106110711081109111011111112111311141115111611171118111911201121112211231124112511261127112811291130113111321133113411351136113711381139114011411142114311441145114611471148114911501151115211531154115511561157115811591160116111621163116411651166116711681169117011711172117311741175117611771178117911801181118211831184118511861187118811891190119111921193119411951196119711981199120012011202120312041205120612071208120912101211121212131214121512161217121812191220122112221223122412251226122712281229123012311232123312341235123612371238123912401241124212431244124512461247124812491250125112521253125412551256125712581259126012611262126312641265126612671268126912701271127212731274127512761277127812791280128112821283128412851286128712881289129012911292129312941295129612971298129913001

6	784.454	6
7		7
8		8
9		9
10		10
	784.070	

11	784.401	11
12		12
13		13
14		14
15	783.996	15
	783.969	

16		783.92,	16
17			17
18			18
19			19
20			20
		784.305	

26	784.222	26
27		27
28		28
29		29
30		30
31		31
	784.047	

TOTAL		TOTAL
MEAN		MEAN
MAX		MAX
MIN		MIN

SUMMARY FOR THE YEAR 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 784.454 METRES ON AUG 6 MAX. OBSERVED WATER LEVEL, 784.454 METRES ON AUG 6/81
MINIMUM OBSERVED DAILY WATER LEVEL, 783.969 METRES ON OCT 15 MIN. OBSERVED WATER LEVEL, 783.586 METRES ON JUL 26/68
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA

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: None. Level established by surveying.

PERIOD OF RECORD: 1968 - 1981

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 1981

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		597.219					597.314			597.141			10
11													11
12					597.262								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 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 597.314 METRES ON JUL 8 MAX. OBSERVED WATER LEVEL, 597.716 METRES ON JUL 5/75
MINIMUM OBSERVED DAILY WATER LEVEL, 597.141 METRES ON OCT 6 MIN. OBSERVED WATER LEVEL, 597.091 METRES ON OCT 16/69
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LAKE - STATION DESCRIPTION

STATION NAME: WOLF LAKE near Edson

STATION NUMBER: 07AG906

LOCATION: 48-15-W6 - 26 km east and 80 km south of Edson.

GAUGE TYPE: Staff Gauge.

PERIOD OF RECORD: 1981

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

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

WOLF LAKE NEAR EDSON

STATION NO. 07AG906

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1									28.404	28.347			1
2									28.402	28.347			2
3									28.399	28.344			3
4									28.399	28.342			4
5									28.396	28.342			5
6								28.528	28.393	28.342			6
7								28.528	28.388	28.341			7
8									28.385	28.341			8
9									28.385	28.340			9
10									28.382	28.338			10
11									28.380	28.338			11
12								28.408	28.377	28.336			12
13								28.480	28.373	28.336			13
14								28.478	28.371				14
15								28.468	28.368				15
16									28.367				16
17								28.466	28.365				17
18								28.454	28.361				18
19								28.445	28.361				19
20								28.439	28.359				20
21									28.359	28.325			21
22								28.437	28.359				22
23								28.434	28.357				23
24								28.432	28.354				24
25								28.426	28.352				25
26								28.414					26
27								28.403	28.352				27
28								28.399	28.352				28
29								28.397	28.350				29
30								28.395	28.349				30
31								28.395	28.347				31
TOTAL									851.146				TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1981

MAXIMUM OBSERVED DAILY WATER LEVEL, 28.549 METRES ON JUL 29
MINIMUM OBSERVED DAILY WATER LEVEL, 28.325 METRES ON OCT 21
WATER LEVELS ARE REFERRED TO ASSUMED ELEVATION

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 - 1981

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 1981

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			783.248			783.507							10
11													11
12													12
13													13
14													14
15													15
16									783.400				16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24											783.354		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 1981

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 783.507 METRES ON JUN 9 MAX. OBSERVED WATER LEVEL, 783.507 METRES ON JUN 9/81
MINIMUM OBSERVED DAILY WATER LEVEL, 783.248 METRES ON MAR 10 MIN. OBSERVED WATER LEVEL, 781.937 METRES ON AUG 3/77
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

36781
GB Alberta miscellaneous lake
1630 levels
A2
A333
1981
c.1

1

