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Water Resources

ALBERTA
MISCELLANEOUS LAKE LEVELS
1982

Alberta
ENVIRONMENT

ALBERTA
MISCELLANEOUS LAKE LEVELS
1982

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INTRODUCTION

Over the years Alberta Environment has collected lake level information at numerous lakes throughout the Province. In 1982, 222 lakes were 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 1982. Similar reports have been produced for 1978, 1979, 1980 and 1981. 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 xii and xiii.

Purpose and Method of Data Collection

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

The station numbering system adopted is the same as that used by 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 basin in Alberta are identified as follows: Mackenzie River (07), Saskatchewan-Nelson River (05), Churchill (06) and the Missouri (11).

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

A historical summary is included on each data page. This summary includes the maximum and minimum for all years of data including the current year.

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.

Hydrographic maps as mentioned on the station description sheet vary in the accuracy of horizontal and vertical control. For further information contact the Technical Services Division Record Centre

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

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

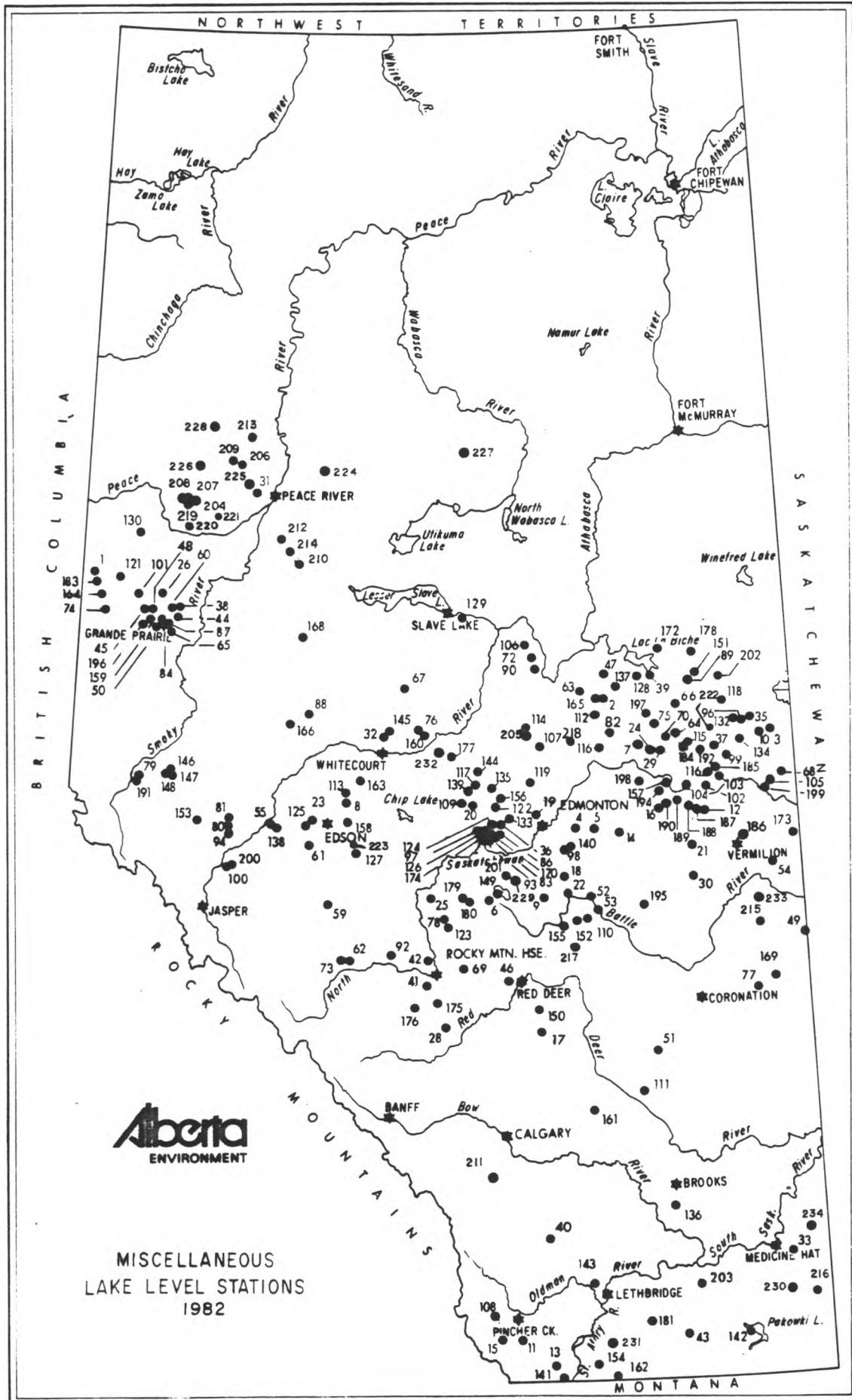
1 metre = 3.2804 feet

Further Information

It should be emphasized that this data report only contains data collected for one year, 1982. Similar reports have been produced for the years 1978 through 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
11th Floor, Oxbridge Place
9820 - 106 Street
Edmonton, Alberta
T5K 2J6

Phone: 427-6298



LIST OF LAKE LEVEL STATIONS - 1982

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
Beaver Mines 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
Burnstick Lake near Sundre	28	55
Cache Lake near Spedden	29	57

STATION NAME	MAP REFERENCE NUMBER (Fig. 1)	PAGE NUMBER
Cadotte Lake near Cadotte	224	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
Elkwater Lake near Irvine	230	119
Fairfax Lake near Robb	59	121
Ferguson Lake near Clairmont	60	123

STATION NAME	MAP REFERENCE NUMBER (Fig. 1)	PAGE NUMBER
Fickle Lake near Edson	61	125
Figure Eight Lake near Brownvale	225	127
Fish Lake near Nordegg	62	129
Flat Lake near Boyle	63	131
Floatingstone Lake near Spedden	64	133
Flood Lake near Chinook Valley	206	135
Flyingshot Lake near Grande Prairie	65	137
Fork Lake near Lac La Biche	66	139
Freeman Lake near Swan Hills	67	141
Frog Lake near Elk Point	68	143
Gabriel Lake near Bentley	69	145
Garner Lake near Spedden	70	147
George Lake (East) near Hines Creek	207	149
George Lake (West) near Hines Creek	208	151
Gerry Lake near Hines Creek	219	153
Ghost Lake near Athabasca	72	155
Goldeye Lake near Nordegg	73	157
Goodfare Lake near Goodfare	74	159
Goodfish Lake near Vilna	75	161
Goose Lake near Fort Assiniboine	76	163
Gooseberry Lake near Consort	77	165
Gosling Lake near Buck Lake	78	167
Grande Cache Lake near Grande Cache	79	169
Graveyard Lake near Hinton	80	171
Gregg Lake near Hinton	81	173
Hanmore Lake near Smoky Lake	82	175
Hasse Lake near Stony Plain	83	177
Hay Lake near Fairview	220	179
Helen Lake near Dixonville	209	181
Hermit Lake near Grande Prairie	84	183
Hubbles Lake near Stony Plain	86	185
Hughes Lake near Grande Prairie	87	187
Iosegun Lake near Fox Creek	88	189

STATION NAME	MAP REFERENCE NUMBER (Fig. 1)	PAGE NUMBER
Ironwood Lake near Lac La Biche	89	191
Island Lake near Athabasca	90	193
Jackfish Lake near Rocky Mountain House	92	195
Jackfish Lake near Stony Plain	93	197
Jarvis Lake near Hinton	94	199
Jensen Reservoir	231	201
Jessie Lake near Bonnyville	96	203
Johnny's Lake near Stony Plain	97	205
Joseph Lake near New Sarepta	98	207
Kehiwin Lake near Bonnyville	99	209
Kimiwan Lake at McLennan	210	211
Kinky Lake near Hinton	100	213
La Glace Lake near La Glace	101	215
Lac Bellevue near St. Paul	102	217
Lac Saint Cyr near St. Paul	103	219
Lac Sante near St. Paul	104	221
Lake Newell near Brooks	136	223
Last Lake near Whitelaw	221	225
Laurier Lake near Heinsburg	105	227
Lawrence Lake near Athabasca	106	229
Lebeaus Lake near Westlock	107	231
Lees Lake near Pincher Creek	108	233
Lessard Lake near Glenevis	109	235
Little Beaver Lake near Ferintosh	110	237
Little Fish Lake near Drumheller	111	239
Lloyd Lake near Priddis	211	241
Long Lake near Barrhead	232	243
Long Lake near Boyle	112	245
Long Lake near Edson	113	247
Long Island Lake near Westlock	114	249
Lower Mann Lake near Ashmont	115	251
Lower Therien Lake near St. Paul	116	253
Magloire Lake near Falher ,	212	255

STATION NAME	MAP REFERENCE NUMBER (Fig. 1)	PAGE NUMBER
Majeau Lake near Glenevis	117	257
Manatokan Lake near Iron River	118	259
Manawan Lake near Legal	119	261
Martin Lake near Hythe	121	263
Matchayaw Lake near Stony Plain	122	265
Medicine Lake near Rimbey	123	267
Mere Lake near Stony Plain	124	269
Millers Lake near Marlboro	125	271
Mink Lake near Carvel Corner	126	273
Minnie Lake near Glendon	222	275
Minnow Lake near Edson	127	277
Missawawi Lake near Venice	128	279
Mitsue Lake near Slave Lake	129	281
Montagneuse (Stony) Lake near Hines Creek	226	283
Moonshine Lake at Moonshine Provincial Park	130	285
Moose Lake near Bonnyville	132	287
Muir Lake near Spruce Grove	133	289
Murdock Lake near Deadwood	213	291
Nakamun Lake near Onoway	135	293
North Buck Lake near Caslan	137	295
Obed Lake near Hinton	138	297
Oldman Lake near Glenevis	139	299
Oliver Lake near New Sarepta	140	301
Outpost Lake at Police Outpost Park	141	303
Pakowki Lake near Medicine Hat	142	305
Park Lake at Provincial Park	143	307
Peanut Lake near Barrhead	144	309
Peerless Lake near Peerless Lake	227	311
Pegasus Lake near Whitecourt	145	313
Pierre Grey Lake (Lower) near Muskeg	146	315
Pierre Grey Lake (Middle) near Muskeg	147	317
Pierre Grey Lake (Upper) near Muskeg	148	319

STATION NAME	MAP REFERENCE NUMBER (Fig. 1)	PAGE NUMBER
Pigeon Lake at Provincial Park	149	321
Pine Lake near Pine Lake	150	323
Pinehurst Lake near Lac La Biche	151	325
Rat Lake near Donnelly	214	327
Red Deer Lake near Ferintosh	152	329
Ribstone Lake near Wainwright	233	331
Rock Lake near Hinton	153	333
Ross Lake near Magrath	154	335
Sam Lake near Irvine	234	337
Samson Lake near Hobbema	155	339
Sandy Lake near Morinville	156	341
Sandy Lake near Two Hills	157	343
Sang (Surprise) Lake near Edson	158	345
Saskatoon Lake near Grande Prairie	159	347
Schuman Lake near Fort Assiniboine	160	349
Severn Reservoir near Standard	161	351
Shanks Lake near Cardston	162	353
Shiningbank Lake near Peers	163	355
Shuster Lake near Wainwright	215	357
Sinclair Lake near Hythe	164	359
Skeleton Lake near Boyle	165	361
Smoke Lake near Fox Creek	166	363
Smoky Lake near Warspite	167	365
Snipe Lake near Valleyview	168	367
Sounding Lake near Monitor	169	369
Spring Lake near Stony Plain	170	371
Spruce Coulee Reservoir near Medicine Hat	216	373
Square Lake near Lac La Biche	172	375
Staplehurst Lake near Lloydminster	173	377
Star Lake near Carvel Corner	174	379
Strubel Lake near Caroline	175	381
Sulphur Lake near Dixonville	228	383

STATION NAME	MAP	PAGE NUMBER
	REFERENCE NUMBER (Fig. 1)	
Swan Lake near Rocky Mountain House	176	385
Telford Lake at Leduc	229	387
Thunder Lake near Barrhead	177	389
Touchwood Lake near Lac La Biche	178	391
Twin Lake #1 near Hoadley	179	393
Twin Lake #2 near Hoadley	180	395
Tyrrell Lake (West)	181	397
Updike Lake near Demmitt	183	399
Upper Mann Lake near Ashmont	184	401
Upper Therien Lake near St. Paul	185	403
Vermilion Reservoir at Vermilion	186	405
Vermilion River near Morecambe	187	407
Vermilion River near Musidora	188	409
Vermilion River at Two Hills (Highway #36)	189	411
Vermilion River 4 miles West of Two Hills	190	413
Victor Lake near Grande Cache	191	415
Vincent Lake near Ashmont	192	417
Wakomao Lake near Clyde	193	419
Watt Lake near Two Hills	194	421
Wavy Lake near Strome	195	423
Wembley Lake near Wembley	196	425
Whitefish Lake near Vilna	197	427
Whitford Lake near Vegreville	198	429
Whitney Lake near Elk Point	199	431
Wildhorse Lake near Hinton	200	433
Windsor Lake near Bashaw	217	435
Wizard Lake near Leduc	201	437
Wolf Lake near Bonnyville	202	439
Wolf Lake near Edson	223	441
Yellow Lake (Station 0)	203	443

1982 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	07BB008
Coal Lake Reservoir near Wetaskiwin	05FA016
Cold Lake at Cold Lake	06AF002
Cooking Lake at Cooking Lake	05EB012
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	05EB013
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 - 1982

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

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

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

ALBRIGHT LAKE NEAR DEMMITT

STATION NO. 07FD903

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1		792.406											1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11						792.484							11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19										792.397			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 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 792.484 METRES ON JUN 11
MINIMUM OBSERVED DAILY WATER LEVEL, 792.397 METRES ON OCT 20
WATER LEVELS ARE REFERRED TO GEODETIC ELEVATION

MAX. OBSERVED WATER LEVEL 792.800 METRES ON SEPT. 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 - 1982

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 1982

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

611.683

611.677

611.670

611.646

611.569

SUMMARY FOR THE YEAR 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 611.683 METRES ON FEB 8
MINIMUM OBSERVED DAILY WATER LEVEL, 611.569 METRES ON OCT 13
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 611.569 METRES ON Oct 13/82

MEAN
MAX
MIN

LAKE - STATION DESCRIPTION

STATION NAME: ANGLING LAKE near Grand Centre

STATION NUMBER: 06AD901

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

GAUGE TYPE: Staff Gauge.

PERIOD OF RECORD: 1973 - 1982

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 1982

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												556.904	6
7													7
8													8
9													9
10		556.927				557.051							10
11													11
12													12
13													13
14													14
15									556.936	556.929			15
16													16
17							557.067		556.942				17
18													18
19													19
20													20
21									556.933				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 1982

MAXIMUM OBSERVED DAILY WATER LEVEL, 557.067 METRES ON JUL 16
MINIMUM OBSERVED DAILY WATER LEVEL, 556.904 METRES ON DEC 7
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

HISTORICAL SUMMARY

MAX. OBSERVED WATER LEVEL, 557.394 METRES ON JUNE 14/74
MIN. OBSERVED WATER LEVEL, 556.777 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 - 1982

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 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1							738.520						1
2													2
3													3
4													4
5						738.550		738.579					5
6													6
7								738.531					7
8													8
9					738.521								9
10													10
11													11
12							738.560	738.578					12
13													13
14						738.512							14
15													15
16													16
17							738.538						17
18													18
19		738.384											19
20					738.627			738.556	738.542				20
21													21
22						738.490	738.595						22
23					738.582			738.516					23
24													24
25													25
26						738.496		738.508					26
27													27
28							738.615						28
29													29
30									738.514				30
31					738.560								31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 738.627 METRES ON MAY 20
MINIMUM OBSERVED DAILY WATER LEVEL, 738.384 METRES ON FEB 18
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM
MAX. OBSERVED WATER LEVEL, 739.058 METRES ON JULY 17/74
MIN. OBSERVED WATER LEVEL, 737.970 METRES ON SEPT. 10/68

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 - 1982

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

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

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

ASTOTIN LAKE NEAR FORT SASKATCHEWAN

STATION NO. 05EB905

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1					711.711	711.711	711.614	711.735	711.692	711.643	711.611		1
2					711.711	711.618	711.618	711.735	711.691	711.637	711.611		2
3					711.709	711.644	711.717	711.717	711.686	711.641	711.611		3
4					711.707	711.693	711.735	711.735	711.686	711.639			4
5					711.705	711.694	711.745	711.745	711.694	711.643			5
6					711.705	711.694	711.740	711.740	711.694	711.637			6
7					711.704	711.693	711.735	711.735	711.686	711.635			7
8					711.698	711.689	711.735	711.735	711.684				8
9					711.693	711.639	711.733	711.733	711.684				9
10					711.693	711.687	711.733	711.733		711.633			10
11					711.693	711.674	711.729	711.729	711.683	711.633			11
12					711.683	711.668	711.724	711.724	711.683	711.631			12
13					711.683	711.666	711.719	711.719	711.681	711.631			13
14					711.678		711.719	711.719	711.673	711.631			14
15					711.678				711.673	711.629			15
16					711.673	711.678	711.714	711.714	711.673	711.627			16
17					711.668	711.678	711.712	711.712	711.673	711.623			17
18					711.665	711.678	711.712	711.712	711.681	711.631			18
19					711.663	711.677	711.703	711.703	711.681	711.629			19
20					711.732	711.653	711.677	711.703		711.629			20
21					711.730	711.654	711.677	711.703		711.621			21
22					711.734	711.654	711.720	711.698		711.623			22
23					711.732	711.652	711.745	711.692					23
24					711.732	711.652	711.753	711.692		711.618			24
25					711.730	711.644		711.689		711.611			25
26					711.730	711.639	711.758	711.687	711.648	711.611			26
27					711.722	711.634	711.767	711.684	711.659	711.611			27
28					711.722	711.624	711.763	711.688	711.645	711.613			28
29					711.713		711.761	711.688	711.643	711.611			29
30					711.713	711.620	711.757	711.694	711.643	711.611			30
31					711.713		711.755	711.692		711.611			31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

MEAN
MAX
MIN

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 711.767 METRES ON JUL 27
MINIMUM OBSERVED DAILY WATER LEVEL, 711.555 METRES ON FEB 18
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LAKE - STATION DESCRIPTION

STATION NAME: BATTLE LAKE near Hoadley

STATION NUMBER: 05FA903

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

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1961-62; 1965 - 1982

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

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

DAILY WATER LEVEL IN METRES FOR 1982

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

836.391

836.636

836.998

836.539

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 836.998 METRES ON JUL 28
MINIMUM OBSERVED DAILY WATER LEVEL, 836.391 METRES ON FEB 17
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

MAX. OBSERVED WATER LEVEL, 837.085 METRES ON MAY 8/74
MIN. OBSERVED WATER LEVEL, 836.095 METRES ON FEB. 19/81

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 - 1982

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

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

BEAR LAKE NEAR BELLIS

STATION NO. 05ED901

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11		686.047											11
12													12
13													13
14													14
15							686.137			686.164			15
16						686.117							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 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 686.164 METRES ON OCT 15 MAX. OBSERVED WATER LEVEL, 686.340 METRES ON AUG. 15/79
MINIMUM OBSERVED DAILY WATER LEVEL, 686.047 METRES ON FEB 11 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 - 1982

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 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1								870.791					1
2								870.695	870.757				2
3													3
4								870.900					4
5													5
6								870.771					6
7													7
8													8
9													9
10						870.698	870.805	870.758					10
11							870.893						11
12		870.596											12
13								870.752					13
14										870.738			14
15						870.689							15
16							870.800	870.757					16
17									870.753				17
18						870.689							18
19								870.757					19
20													20
21						870.674							21
22													22
23													23
24													24
25						870.660		870.752					25
26													26
27								870.783	870.757				27
28						870.667							28
29													29
30							870.786	870.762					30
31													31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 870.900 METRES ON JUL 5 MAX. OBSERVED WATER LEVEL, 870.900 METRES ON JULY 5/82
MINIMUM OBSERVED DAILY WATER LEVEL, 870.596 METRES ON FEB 11 MIN. OBSERVED WATER LEVEL, 870.469 METRES ON OCT. 6/70
WATER LEVELS ARE REFERRED TO GEODETIC ELEVATION

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 - 1982

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 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1					787.710								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		786.743			787.188								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

787.096

786.806

SUMMARY FOR THE YEAR 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 787.710 METRES ON MAY 3
MINIMUM OBSERVED DAILY WATER LEVEL, 786.743 METRES ON FEB 18
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM
MAX. OBSERVED WATER LEVEL, 788.719 METRES ON APR. 25/74
MIN. OBSERVED WATER LEVEL, 786.174 METRES ON AUG. 15/78

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 - 1982

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 1982

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
		573.622				573.689							
11													11
12													12
13													13
14													14
15													15
										573.576			
16													16
17							573.676						17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31

TOTAL

MEAN
MAX
MIN

TOTAL
MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 573.689 METRES ON JUN 8
MINIMUM OBSERVED DAILY WATER LEVEL, 573.576 METRES ON OCT 14
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM
MAX. OBSERVED WATER LEVEL, 573.780 METRES ON JUNE 12/74
MIN. OBSERVED WATER LEVEL, 573.152 METRES ON JULY 30/74

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 - 1982

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 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3												1367.424	3
4													4
5													5
6													6
7													7
8													8
9													9
10		1367.482											10
11													11
12								1367.540					12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20					1367.662								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 1982

MAXIMUM OBSERVED DAILY WATER LEVEL, 1367.662 METRES ON MAY 20

MINIMUM OBSERVED DAILY WATER LEVEL, 1367.424 METRES ON DEC 3
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

HISTORICAL SUMMARY

MAX. OBSERVED WATER LEVEL 1367.940 METRES ON JUN. 23/75
MIN. OBSERVED WATER LEVEL 1366.461 METRES ON MAR. 9/81

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 - 1982

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 1982

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		29.245											15
16													16
17					29.334								17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26							29.396						26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1982

MAXIMUM OBSERVED DAILY WATER LEVEL, 29.396 METRES ON JUL 26
MINIMUM OBSERVED DAILY WATER LEVEL, 29.245 METRES ON FEB 15
WATER LEVELS ARE REFERRED TO ASSUJIED DATUM

HISTORICAL SUMMARY

MAX. OBSERVED WATER LEVEL, 29.941 METRES ON MAY 15/79
MIN. OBSERVED WATER LEVEL, 29.245 METRES ON FEB. 15/82

LAKE - STATION DESCRIPTION

STATION NAME: BEAVERDAM LAKE NEAR CARDSTON

STATION NUMBER: 05AE905

LOCATION: 1-27-W4

GAUGE TYPE: None. Level established by surveying

PERIOD OF RECORD: 1979-1982

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. 05AEP05

DAILY WATER LEVEL IN METRES FOR 1982

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												29.983	6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15								30.056					15
16		29.870											16
17					29.983								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 1982

MAXIMUM OBSERVED DAILY WATER LEVEL, 30.056 METRES ON AUG 13
MINIMUM OBSERVED DAILY WATER LEVEL, 29.870 METRES ON FEB 16
WATER LEVELS ARE REFERRED TO ASSUTED DATUM

HISTORICAL SUMMARY

MAX. OBSERVED WATER LEVEL 30.288 METRES ON JUN. 11/80
MIN. OBSERVED WATER LEVEL 29.688 METRES ON NOV. 5/79

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: 1968-1982

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 1982

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		668.272											15
16													16
17													17
18					668.410								18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26							668.521						26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 668.521 METRES ON JUL 26 MAX. OBSERVED WATER LEVEL, 669.243 METRES ON JUNE 13/74
MINIMUM OBSERVED DAILY WATER LEVEL, 668.272 METRES ON FEB 15 MIN. OBSERVED WATER LEVEL, 667.872 METRES ON AUG. 22/68
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LAKE - STATION DESCRIPTION

STATION NAME: BEAVER MINES 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 - 1982

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

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

BEAVER MINES LAKE NEAR BELLEVUE

STATION NO. 05AA902

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1												29.880	1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10		29.502											10
11								30.084					11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19					30.026								19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31

TOTAL

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1982

MAXIMUM OBSERVED DAILY WATER LEVEL, 30.084 METRES ON AUG 12
MINIMUM OBSERVED DAILY WATER LEVEL, 29.502 METRES ON FEB 10
WATER LEVELS ARE REFERRED TO ASSUMED DATUM

HISTORICAL SUMMARY

MAX. OBSERVED WATER LEVEL 30.434 METRES ON MAY 23/79
MIN. OBSERVED WATER LEVEL 29.401 METRES ON OCT.24/77

TOTAL

MEAN
MAX
MIN

LAKE - STATION DESCRIPTION

STATION NAME: BENS LAKE near Two Hills

STATION NUMBER: 05EE903

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

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1972-1982

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 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						599.899							1
2					600.036								2
3					600.008								3
4					599.999								4
5													5
6					600.019				599.932				6
7					600.005				599.994				7
8									600.049				8
9													9
10					599.999								10
11													11
12					599.999		600.203						12
13					599.999		600.209						13
14					599.999		600.199						14
15		599.578											15
16													16
17					599.955								17
18													18
19					599.969								19
20					599.967								20
21													21
22				599.705									22
23				599.753									23
24													24
25													25
26				599.863	599.939		600.128	599.897					26
27				599.919									27
28				599.971									28
29				600.033									29
30				600.018									30
31													31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 600.209 METRES ON JUL 13
MINIMUM OBSERVED DAILY WATER LEVEL, 599.578 METRES ON FEB 15
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

MAX. OBSERVED WATER LEVEL, 601.477 METRES ON MAY 10/74
MIN. OBSERVED WATER LEVEL, 599.510 METRES ON OCT. 13/81

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 - 1982

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, 882.695 metres on Apr 16/82
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 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1							882.161	882.182 E	881.952	881.742			1
2							882.178	882.175 E	881.945	881.739			2
3							882.186	882.168 E	881.937	881.738			3
4							882.188	882.161 E	881.934	881.734			4
5							882.200	882.154 E	881.941	881.725			5
6							882.212	882.147 E	881.932	881.718			6
7							882.233	882.140 E	881.928	881.716			7
8							882.267	882.134 E	881.920	881.712			8
9						882.274 A	882.299	882.127 E	881.910	881.703			9
10						882.277	882.316	882.120 E	881.900	881.695			10
11					882.335 A	882.272	882.320	882.113 E	881.889	881.701			11
12						882.264	882.317	882.106 E	881.880	881.712			12
13						882.254	882.312	882.099 E	881.865	881.711			13
14						882.248	882.306 E	882.093 E	881.855	881.711			14
15				882.320 A		882.243	882.300 E	882.086 E	881.848	881.710			15
16				882.597									16
17				882.695		882.237	882.293 E	882.079 E	881.841	881.709			17
18				882.657		882.229	882.287 E	882.072 E	881.834	881.692			18
19				882.606		882.222	882.281 E	882.065 E	881.826	881.680 A			19
20				882.558		882.213	882.275 E	882.058 E	881.818				20
21				882.513		882.204	882.268 E	882.051 E	881.809				21
22				882.474		882.196	882.262 A	882.045 E	881.801				22
23				882.447		882.190	882.253	882.038 E	881.797				23
24				882.429		882.183	882.243	882.031 E	881.787				24
25				882.428		882.176	882.234	882.024 A	881.784				25
26				882.443		882.169	882.229	881.999	881.780				26
27				882.447		882.165	882.224	881.995	881.782				27
28				882.437		882.171	882.217	881.987	881.782				28
29				882.421		882.170	882.209	881.984	881.781				29
30				882.414 A		882.166	882.202 E	881.974	881.771				30
31						882.164	882.195 E	881.969	881.747				31
TOTAL						27349.655	27344.335	26455.576					TOTAL
MEAN						882.247	882.075	881.853					MEAN
MAX						882.320	882.182	881.952					MAX
MIN						882.161	881.959	881.747					MIN

SUMMARY FOR THE YEAR 1982

MAXIMUM DAILY WATER LEVEL, 882.695 METRES ON APR 16

A-MANUAL GAUGE

E-ESTIMATED

MINIMUM DAILY WATER LEVEL, 881.680 METRES ON OCT 18
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 - 1982

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

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

DAILY WATER LEVEL IN METRES FOR 1982

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					753.362								20
21													21
22													22
23													23
24													24
25													25
26							753.348						26
27													27
28													28
29													29
30									753.247				30
31													31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 753.362 METRES ON MAY 20
MINIMUM OBSERVED DAILY WATER LEVEL, DRY ON FEB 16
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

MAX. OBSERVED WATER LEVEL, 753.376 METRES ON AUG. 2/79
MIN. OBSERVED WATER LEVEL, DRY ON NUMEROUS OCCASIONS

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 - 1982

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 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5										650.741			5
6													6
7													7
8													8
9													9
10													10
11													11
12										650.985			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

650.535

651.385

652.047

SUMMARY FOR THE YEAR 1982

MAXIMUM OBSERVED DAILY WATER LEVEL, 652.047 METRES ON APR 28
MINIMUM OBSERVED DAILY WATER LEVEL, 650.535 METRES ON FEB 16
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

HISTORICAL SUMMARY

MAX. OBSERVED WATER LEVEL, 652.665 METRES ON JULY 19/74
MIN. OBSERVED WATER LEVEL, 649.599 METRES ON NOV. 24/58

MEAN
MAX
MIN

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 - 1982

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 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5													5
6								682.543		682.545			6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17		682.395											17
18					682.565								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 1982

MAXIMUM OBSERVED DAILY WATER LEVEL, 682.565 METRES ON MAY 19
MINIMUM OBSERVED DAILY WATER LEVEL, 682.395 METRES ON FEB 17
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

HISTORICAL SUMMARY

MAX. OBSERVED WATER LEVEL, 682.822 METRES ON JUNE 10.77
MIN. OBSERVED WATER LEVEL, 682.036 METRES ON OCT. 21/69

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 - 1982

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 1982

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		639.772											16
17													17
18					639.918								18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26							640.020						26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL

639.878

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 640.020 METRES ON JUL 27 MAX. OBSERVED WATER LEVEL, 640.863 METRES ON MAY 29/74
MINIMUM OBSERVED DAILY WATER LEVEL, 639.772 METRES ON FEB 16 MIN. OBSERVED WATER LEVEL, 638.675 METRES ON OCT. 2/70
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LAKE - STATION DESCRIPTION

STATION NAME: BITTERN LAKE near Bittern Lake

STATION NUMBER: 05FA906

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

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1948; 1955-60; 1982

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 1982

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

26.822

27.037

27.165

27.136

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 27.165 METRES ON JUL 28

MINIMUM OBSERVED DAILY WATER LEVEL, 26.822 METRES ON FEB 18

WATER LEVELS ARE REFERRED TO ASSUUED DATUM

MAX. OBSERVED WATER LEVEL, 27.209 METRES ON AUG. 2/79

MIN. OBSERVED WATER LEVEL, 26.600 METRES ON OCT. 19/78

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 - 1982

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

REMARKS: There is a Ducks Unlimited Control Structure on this lake constructed in 1982.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

BLACK DUCK LAKE NEAR HINES CREEK

STATION NO. 07FD915

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						662.597							1
2													2
3													3
4													4
5										662.430			5
6													6
7													7
8													8
9								662.515					9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17		662.378											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 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 662.597 METRES ON JUN 1
MINIMUM OBSERVED DAILY WATER LEVEL, 662.378 METRES ON FEB 17
WATER LEVELS ARE REFERRED TO GEODETIC ELEVATION
MAX. OBSERVED WATER LEVEL, 662.671 METRES ON MAY 20/81
MIN. OBSERVED WATER LEVEL, 662.342 METRES ON OCT. 14/81

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 - 1982

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 1982

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								962.939					6
7													7
8													8
9						962.783	963.282						9
10		962.541											10
11													11
12													12
13								962.848				962.756	13
14													14
15													15
16							963.272						16
17													17
18													18
19								962.818					19
20													20
21													21
22							963.136						22
23													23
24													24
25													25
26								962.778					26
27													27
28													28
29							963.003						29
30							963.030						30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1982

MAXIMUM OBSERVED DAILY WATER LEVEL, 963.282 METRES ON JUL 9
MINIMUM OBSERVED DAILY WATER LEVEL, 962.541 METRES ON FEB 10
WATER LEVELS ARE REFERRED TO GEODETIC ELEVATION

HISTORICAL SUMMARY

MAX. OBSERVED WATER LEVEL, 963.282 METRES ON JULY 9/82
MIN. OBSERVED WATER LEVEL, 962.263 METRES ON SEPT. 23/75

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 - 1982

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 1982

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

639.022

639.123
639.109

639.140

639.040

SUMMARY FOR THE YEAR 1982

MAXIMUM OBSERVED DAILY WATER LEVEL, 639.140 METRES ON JUL 15
MINIMUM OBSERVED DAILY WATER LEVEL, 639.022 METRES ON FEB 11
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

HISTORICAL SUMMARY

MAX. OBSERVED WATER LEVEL, 639.757 METRES ON AUG. 16/67
MIN. OBSERVED WATER LEVEL, 638.985 METRES ON OCT. 18/72

MEAN
MAX
MIN

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 - 1982

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.)

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						881.900							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				881.820									15
16													16
17		881.774											17
18													18
19				881.872	881.900			881.898			881.847		19
20													20
21										881.847			21
22													22
23											881.847		23
24													24
25							882.076						25
26													26
27													27
28							882.166						28
29							882.051						29
30													30
31									881.777				31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 882.166 METRES ON JUL 28 MAX. OBSERVED WATER LEVEL, 882.652 METRES ON JUNE 30/65
 MINIMUM OBSERVED DAILY WATER LEVEL, 881.774 METRES ON FEB 17 MIN. OBSERVED WATER LEVEL, 881.198 METRES ON NOV. 11/66
 WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LAKE - STATION DESCRIPTION

STATION NAME: BUFFALO LAKE near La Glace

STATION NUMBER: 07GE901

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

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1976 - 1982

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 1982

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	730.089						730.128						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 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 730.292 METRES ON MAY 27
MINIMUM OBSERVED DAILY WATER LEVEL, 730.076 METRES ON OCT 20
WATER LEVELS ARE REFERRED TO GEODETIC ELEVATION

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

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 - 1982

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

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

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4		1186.048											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										1186.038			19
20													20
21							1186.176						21
22													22
23													23
24													24
25					1186.062								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 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 1186.176 METRES ON JUL 21 MAX. OBSERVED WATER LEVEL, 1186.505 METRES ON AUG. 12/81
MINIMUM OBSERVED DAILY WATER LEVEL, 1186.038 METRES ON OCT 19 MIN. OBSERVED WATER LEVEL, 1184.849 METRES ON JAN. 22/76
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LAKE - STATION DESCRIPTION

STATION NAME: CACHE LAKE near Spedden

STATION NUMBER: 05ED903

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

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1957-1982

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

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

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

CACHE LAKE NEAR SPEDDEN

STATION NO. 05ED903

DAILY WATER LEVEL IN METRES FOR 1982

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

SUMMARY FOR THE YEAR 1982

MAXIMUM OBSERVED DAILY WATER LEVEL, 634.356 METRES ON JUL 15
MINIMUM OBSERVED DAILY WATER LEVEL, 634.239 METRES ON OCT 15
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

HISTORICAL SUMMARY

MAX. OBSERVED WATER LEVEL, 634.938 METRES ON JUNE 8/79
MIN. OBSERVED WATER LEVEL, 633.292 METRES ON OCT. 31/67

LAKE - STATION DESCRIPTION

STATION NAME: CADOTTE LAKE NEAR CADOTTE

STATION NUMBER: 07HB901

LOCATION: 86-16-W5

GAUGE TYPE: Staff Gauge

PERIOD OF RECORD: 1982

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

REMARKS: There is a Ducks Unlimited Control Structure on this lake constructed in 1970.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

CADOTTE LAKE NEAR CADOTTE

STATION NO. 07HB901

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						568.078							1
2						568.084							2
3								567.919					3
4										567.810			4
5													5
6								567.922					6
7									567.845				7
8													8
9								567.911					9
10													10
11													11
12													12
13													13
14													14
15							567.935		567.838				15
16						568.019							16
17						568.017							17
18						568.015							18
19													19
20						568.000							20
21							567.892						21
22						567.990							22
23						567.990							23
24								567.876					24
25													25
26													26
27													27
28													28
29													29
30													30
31						567.975							31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 568.084 METRES ON JUN 3
MINIMUM OBSERVED DAILY WATER LEVEL, 567.810 METRES ON OCT 6
WATER LEVELS ARE REFERRED TO GEODETIC ELEVATION

MAX. OBSERVED WATER LEVEL, 568.084 METRES ON JUNE 3/82
MIN. OBSERVED WATER LEVEL, 567.810 METRES ON OCT. 6/82

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 - 1982

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 1982

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		693.055											16
17													17
18					693.093								18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL

693.015

692.987

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 693.093 METRES ON MAY 18
MINIMUM OBSERVED DAILY WATER LEVEL, 692.937 METRES ON SEP 28
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

MAX. OBSERVED WATER LEVEL, 693.969 METRES ON JULY 11/74
MIN. OBSERVED WATER LEVEL, 692.978 METRES ON OCT. 5/77

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: 1981-1982

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 1982

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										29.430			6
7													7
8													8
9													9
10								29.487					10
11													11
12													12
13													13
14													14
15													15
16		29.369											16
17													17
18					29.537								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 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 29.537 METRES ON MAY 17
MINIMUM OBSERVED DAILY WATER LEVEL, 29.369 METRES ON FEB 16
WATER LEVELS ARE REFERRED TO ASSUMED DATUM
MAX. OBSERVED WATER LEVEL, 29.537 METRES ON MAY 17/82
MIN. OBSERVED WATER LEVEL, 29.315 METRES ON OCT. 9/81

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 - 1982

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 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						644.032	643.880	643.860					1
2						644.021	643.887	643.871					2
3						644.032	643.900	643.867					3
4						644.027	643.878	643.868					4
5													5
6						644.003	643.878	643.890		643.786			6
7						644.003	643.875	643.891					7
8						644.003	643.873	643.887					8
9						644.001	643.887	643.872					9
10						643.987	643.876	643.871					10
11						643.998	643.868	643.862					11
12						643.999	643.857	643.857					12
13						643.994		643.868					13
14							643.851	643.868					14
15						643.985	643.855	643.868					15
16						643.966	643.829	643.868					16
17						643.970	643.823	643.878					17
18						643.953	643.824	643.852					18
19						643.960	643.822	643.842					19
20						643.957	643.818	643.839					20
21						643.959	643.821	643.845					21
22						643.939	643.848						22
23						643.931	643.847	643.841					23
24						643.928	643.832	643.848					24
25						643.930	643.830	643.824					25
26						643.925	643.827	643.825					26
27						643.906	643.825	643.844					27
28						643.909	643.824	643.847					28
29						643.879	643.836	643.849					29
30						643.890	643.821	643.851					30
31							643.818	643.853					31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

TOTAL
MEAN
MAX
MIN

HISTORICAL SUMMARY

SUMMARY FOR THE YEAR 1982

MAXIMUM OBSERVED DAILY WATER LEVEL, 644.032 METRES ON JUN 2 MAX. OBSERVED WATER LEVEL, 644.646 METRES ON JUNE 13/79
MINIMUM OBSERVED DAILY WATER LEVEL, 643.786 METRES ON OCT 6 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 - 1982

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 1982

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								853.490					11
12													12
13													13
14													14
15													15
16													16
17		853.041											17
18					853.204								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 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 853.490 METRES ON AUG 11
 MINIMUM OBSERVED DAILY WATER LEVEL, 853.041 METRES ON FEB 17
 WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

MAX. OBSERVED WATER LEVEL, 854.287 METRES ON JULY 15/80
 MIN. OBSERVED WATER LEVEL, 851.047 METRES ON MAY 17/71

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 - 1982

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 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1												808.772	1
2													2
3													3
4													4
5								809.375					5
6					809.265								6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18		805.376											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 1982

MAXIMUM OBSERVED DAILY WATER LEVEL, 809.375 METRES ON AUG 5
MINIMUM OBSERVED DAILY WATER LEVEL, 805.376 METRES ON FEB 18
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

HISTORICAL SUMMARY

MAX. OBSERVED WATER LEVEL 809.701 METRES ON MAY 15/79
MIN. OBSERVED WATER LEVEL 805.410 METRES ON Nov 06/81

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 - 1982

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 1982

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		615.009											11
12													12
13													13
14													14
15							615.200			615.145			15
16						615.159							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 1982

MAXIMUM OBSERVED DAILY WATER LEVEL, 615.200 METRES ON JUL 15
MINIMUM OBSERVED DAILY WATER LEVEL, 615.009 METRES ON FEB 11
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

HISTORICAL SUMMARY

MAX. OBSERVED WATER LEVEL, 615.964 METRES ON JULY 23/72
MIN. OBSERVED WATER LEVEL, 615.009 METRES ON FEB. 11/82

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 - 1982

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 1982

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 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 548.574 METRES ON JUN 8
MINIMUM OBSERVED DAILY WATER LEVEL, 548.386 METRES ON OCT 14
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

MAX. OBSERVED WATER LEVEL, 549.878 METRES ON MAY 30/75
MIN. OBSERVED WATER LEVEL, 548.382 METRES ON JAN. 23/74

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 - 1982

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 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5										736.375			5
6													6
7													7
8													8
9													9
10								736.448					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

736.458

736.528

736.448

736.375

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 736.528 METRES ON MAY 19
MINIMUM OBSERVED DAILY WATER LEVEL, 736.375 METRES ON OCT 5
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

MAX. OBSERVED WATER LEVEL, 737.061 METRES ON AUG. 7/79
MIN. OBSERVED WATER LEVEL, 735.641 METRES ON OCT. 20/72

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 - 1982

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

REMARKS: •
Geodetic Elevation verified in 1982.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

CHICKENHILL LAKE NEAR ST. PAUL

STATION NO. 06AC903

DAILY WATER LEVEL IN METRES FOR 1982

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
		621.955											
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 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 622.005 METRES ON JUL 15 MAX. OBSERVED WATER LEVEL, 622.819 METRES ON JUNE 12/74
MINIMUM OBSERVED DAILY WATER LEVEL, 621.886 METRES ON OCT 14 MIN. OBSERVED WATER LEVEL, 621.886 METRES ON OCT. 14/82
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 - 1982

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 1982

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										673.042			15
16													16
17													17
18													18
19													19
20													20
21	672.628												21
22													22
23													23
24													24
25													25
26													26
27					673.031								27
28													28
29													29
30													30
31													31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 673.042 METRES ON OCT 15
MINIMUM OBSERVED DAILY WATER LEVEL, 672.628 METRES ON JAN 21
WATER LEVELS ARE REFERRED TO GEODETIC ELEVATION

MAX. OBSERVED WATER LEVEL, 673.553 METRES ON MAY 3/77
MIN. OBSERVED WATER LEVEL, 672.497 METRES ON JAN. 7/81

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 - 1982

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 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1							566.657	566.622	566.586	566.536			1
2							566.655	566.624	566.584	566.534			2
3							566.663	566.656	566.582	566.532			3
4							566.675	566.656	566.582	566.530			4
5							566.685	566.652	566.580	566.526			5
6							566.685	566.648	566.578	566.526			6
7							566.684	566.646	566.576	566.518			7
8		566.646					566.682	566.644	566.574	566.516			8
9							566.678	566.640	566.572	566.516			9
10						566.715	566.674	566.636	566.570	566.514			10
11						566.713	566.672	566.632	566.568	566.512			11
12						566.711	566.668	566.628	566.566	566.512			12
13						566.708	566.662	566.626	566.564	566.508			13
14						566.706	566.664	566.626	566.562				14
15						566.704	566.666	566.626	566.560				15
16						566.702	566.664	566.624	566.566				16
17						566.700	566.662	566.620	566.566				17
18						566.696	566.656	566.616	566.564				18
19						566.694	566.652	566.564	566.564				19
20						566.690	566.648	566.612	566.564				20
21						566.684	566.644	566.610	566.562				21
22						566.678	566.640		566.560				22
23						566.674	566.646		566.558				23
24						566.670	566.646		566.556				24
25						566.669	566.646		566.554				25
26						566.667	566.644		566.550				26
27						566.663	566.642		566.548				27
28						566.661	566.638		566.544				28
29						566.659	566.634		566.540				29
30							566.628		566.538				30
31							566.626	566.586					31
TOTAL						17566.386			16996.938				TOTAL

MEAN	566.658	MEAN
MAX	566.685	MAX
MIN	566.626	MIN

SUMMARY FOR THE YEAR 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 566.719 METRES ON JUN 8
MINIMUM OBSERVED DAILY WATER LEVEL, 566.508 METRES ON OCT 13
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

MAX. OBSERVED WATER LEVEL, 567.922 METRES ON JULY 29/75
MIN. OBSERVED WATER LEVEL, 566.508 METRES ON OCT. 13/82

LAKE - STATION DESCRIPTION

STATION NAME: CLEAR LAKE near Stavely

STATION NUMBER: 05AC901

LOCATION: 14-26-W4 - 10 miles east and 2 miles
south of Stavely.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1977 - 1982

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 1982

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					963.360			963.028				962.891	12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21					963.334								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 1982

MAXIMUM OBSERVED DAILY WATER LEVEL, 963.360 METRES ON FEB 12
MINIMUM OBSERVED DAILY WATER LEVEL, 962.891 METRES ON DEC 13
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

HISTORICAL SUMMARY

MAX. OBSERVED WATER LEVEL, 964.808 METRES ON APR. 28/83
MIN. OBSERVED WATER LEVEL, 962.891 METRES ON DEC. 13/82

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 - 1982

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 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4		1035.519											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										1034.641			19
20													20
21							1034.666						21
22													22
23													23
24													24
25													25
26					1034.856								26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 1035.519 METRES ON FEB 4
MINIMUM OBSERVED DAILY WATER LEVEL, 1034.641 METRES ON OCT 19
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM
MAX. OBSERVED WATER LEVEL, 1035.565 METRES ON AUG. 12/81
MIN. OBSERVED WATER LEVEL, 1034.641 METRES ON OCT. 19/82

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 - 1982

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 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						966.803	966.774	966.822					1
2						966.803	966.778	966.829					2
3						966.800	966.778	966.830					3
4						966.797		966.837					4
5		966.652						966.837					5
6								966.830					6
7						966.804		966.830					7
8						966.804		966.823					8
9						966.798		966.807					9
10						966.798		966.807					10
11						966.798	966.854	966.807					11
12						966.795	966.848	966.807					12
13						966.795	966.849	966.823					13
14							966.845	966.823					14
15						966.795	966.845	966.826					15
16					966.834		966.845	966.831					16
17					966.834	966.792	966.842	966.831					17
18					966.834	966.789	966.842	966.830					18
19					966.834	966.780	966.836	966.825					19
20					966.831	966.773	966.836	966.831		966.791			20
21					966.831	966.773		966.825					21
22					966.831	966.767	966.873	966.822					22
23					966.828	966.767		966.825					23
24					966.825	966.774	966.849	966.829					24
25					966.819	966.774	966.849	966.826					25
26					966.808	966.774	966.852	966.832					26
27					966.816	966.768	966.852	966.835					27
28					966.816		966.855	966.832					28
29					966.809	966.774	966.855	966.835					29
30					966.803	966.781	966.855	966.832					30
31					966.803		966.849	966.835					31
TOTAL							29971.614						TOTAL

MEAN
MAX
MIN

966.826
966.837
966.807

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 966.873 METRES ON JUL 22 MAX. OBSERVED WATER LEVEL, 967.551 METRES ON JUNE 3/65
MINIMUM OBSERVED DAILY WATER LEVEL, 966.652 METRES ON FEB 5 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 - 1982

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 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4								28.545					4
5													5
6													6
7													7
8												28.356	8
9		28.499											9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19					28.331								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 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 28.545 METRES ON AUG 4
MINIMUM OBSERVED DAILY WATER LEVEL, 28.331 METRES ON MAY 19
WATER LEVELS ARE REFERRED TO ASSUMED DATUM

MAX. OBSERVED WATER LEVEL 28.993 METRES ON SEP. 5/78
MIN. OBSERVED WATER LEVEL 28.078 METRES ON AUG. 29/80

LAKE - STATION DESCRIPTION

STATION NAME: CRYSTAL LAKE near Grande Prairie

STATION NUMBER: 07GE903

LOCATION: 7 -6-W6 - 3.2 km East of Clairmont Road in Grande
Prairie, 1.6 km South to Circle G. Ranch.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1968; 1972-73, 1975 - 1982

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 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5													5
6	681.164			681.268									6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16										681.486			16
17													17
18		681.265											18
19													19
20							681.443						20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL					681.419								TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 681.486 METRES ON OCT 15 MAX. OBSERVED WATER LEVEL, 681.777 METRES ON MAY 10/77
MINIMUM OBSERVED DAILY WATER LEVEL, 681.164 METRES ON JAN 6 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 - 1982

HYDROGRAPHIC SURVEY MAP AVAILABLE: YES/NO

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

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

CUTBANK LAKE NEAR WEMBLEY

STATION NO. 07GE904

DAILY WATER LEVEL IN METRES FOR 1982

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										715.968			20
21													21
22													22
23													23
24													24
25													25
26													26
27	715.887												27
28					716.000								28
29													29
30													30
31													31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 716.000 METRES ON MAY 27 MAX. OBSERVED WATER LEVEL, 716.524 METRES ON JUNE 3/77
MINIMUM OBSERVED DAILY WATER LEVEL, 715.887 METRES ON JAN 27 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 - 1982

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 1982

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							931.432						21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL

931.058

931.223

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 931.432 METRES ON JUL 21
MINIMUM OBSERVED DAILY WATER LEVEL, 931.058 METRES ON MAY 25
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM
MAX. OBSERVED WATER LEVEL, 931.563 METRES ON JUNE 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 - 1982

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

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

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

DAKIN LAKE NEAR ATMORE

STATION NO. 07CA904

DAILY WATER LEVEL IN METRES FOR 1982

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							603.992			603.902			TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

604.048

604.053

603.992

603.902

TOTAL
MEAN
MAX
MIN

HISTORICAL SUMMARY

SUMMARY FOR THE YEAR 1982

MAXIMUM OBSERVED DAILY WATER LEVEL, 604.053 METRES ON JUN 7
MINIMUM OBSERVED DAILY WATER LEVEL, 603.902 METRES ON OCT 13
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: None. Level established by surveying.

PERIOD OF RECORD: 1980-1982

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 1982

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										638.786			6
7													7
8													8
9													9
10								638.826					10
11													11
12													12
13													13
14													14
15													15
16													16
17					638.841								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 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 638.841 METRES ON MAY 17
MINIMUM OBSERVED DAILY WATER LEVEL, 638.786 METRES ON OCT 6
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

MAX. OBSERVED WATER LEVEL, 638.937 METRES ON AUG. 4/81
MIN. OBSERVED WATER LEVEL, 638.419 METRES ON OCT. 28/81

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 - 1982

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 1982

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

711.691

711.890

711.769

711.763

SUMMARY FOR THE YEAR 1982

HISTORICAL SUMMARY

MEAN

MAX

MIN

MAXIMUM OBSERVED DAILY WATER LEVEL, 711.890 METRES ON MAY 27

MINIMUM OBSERVED DAILY WATER LEVEL, 711.691 METRES ON JAN 22

WATER LEVELS ARE REFERRED TO GEODETIC ELEVATION

MAX. OBSERVED WATER LEVEL, 712.403 METRES ON JUNE 3/77

MIN. OBSERVED WATER LEVEL, 711.656 METRES ON OCT. 8/81

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 - 1982

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 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1		620.321			620.417	620.402	620.357	620.324	620.290	620.288			1
2					620.416	620.416	620.388	620.356	620.286	620.288			2
3					620.411	620.410	620.350	620.350	620.287	620.288			3
4					620.412	620.412	620.410	620.350	620.293	620.293			4
5					620.412	620.412	620.410	620.346	620.297	620.298			5
6					620.411	620.400	620.342	620.296	620.296	620.298			6
7					620.411	620.400	620.338	620.296	620.296	620.298			7
8					620.419	620.409	620.396	620.336	620.295	620.298			8
9					620.418	620.406	620.395	620.330	620.295	620.298			9
10					620.406	620.406	620.389	620.324	620.295	620.298			10
11					620.417	620.407	620.391	620.316	620.295	620.298			11
12					620.401	620.389	620.315	620.295	620.295	620.298			12
13					620.399	620.387	620.309	620.295	620.295	620.298			13
14					620.415	620.405	620.382	620.314	620.295	620.298			14
15					620.412	620.404	620.377	620.314	620.295	620.288			15
16					620.410	620.400	620.369	620.308	620.292				16
17					620.408	620.400	620.364	620.306	620.287				17
18					620.406	620.390	620.362	620.304	620.275	620.309			18
19					620.410	620.386	620.358	620.301	620.267				19
20					620.420	620.384	620.355	620.300	620.257				20
21					620.426	620.378	620.353	620.297	620.257				21
22					620.432	620.380	620.340	620.305	620.256				22
23					620.423	620.377	620.333	620.299	620.256				23
24					620.421	620.375	620.333	620.297	620.255				24
25					620.415	620.374	620.331	620.295	620.255				25
26					620.415	620.373	620.326	620.293	620.257				26
27					620.415	620.370	620.326	620.292	620.257				27
28					620.411	620.366	620.322	620.295	620.260				28
29					620.409	620.363	620.322	620.294	620.288				29
30					620.407	620.361	620.332	620.292	620.288				30
31					620.412	620.326	620.326	620.293					31
TOTAL					18611.789	19231.333	19229.715	18608.412					TOTAL
MEAN					620.393	620.366	620.313	620.280					MEAN
MAX					620.416	620.410	620.350	620.297					MAX
MIN					620.361	620.322	620.292	620.255					MIN

SUMMARY FOR THE YEAR 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 620.432 METRES ON MAY 22 MAX. OBSERVED WATER LEVEL, 621.140 METRES ON AUG. 1/75
MINIMUM OBSERVED DAILY WATER LEVEL, 620.255 METRES ON SEP 24 MIN. OBSERVED WATER LEVEL, 620.226 METRES ON OCT. 26/81
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LAKE - STATION DESCRIPTION

STATION NAME: DIMSDALE LAKE near Dimsdale

STATION NUMBER: 07GE906

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

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1975 - 1982

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 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5		682.784											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										682.988			19
20													20
21													21
22													22
23													23
24													24
25													25
26					683.055								26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 683.055 METRES ON MAY 27 MAX. OBSERVED WATER LEVEL, 683.548 METRES ON AUG. 26/76
MINIMUM OBSERVED DAILY WATER LEVEL, 682.784 METRES ON FEB 5 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 - 1982

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 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4		DRY											4
5													5
6													6
7													7
8													8
9													9
10													10
11					DRY								11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20							DRY						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 1982

MAXIMUM OBSERVED DAILY WATER LEVEL, ***** METRES ON SEP 24 HISTORICAL SUMMARY
MINIMUM OBSERVED DAILY WATER LEVEL, DRY ON FEB 3 MAX. OBSERVED WATER LEVEL, 792.788 METRES ON APR 19/58
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM 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: 1969-1982

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 1982

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

684.441

685.362

685.809

684.673

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 685.809 METRES ON JUL 26 MAX. OBSERVED WATER LEVEL, 689.177 METRES ON MAY 2/74

MINIMUM OBSERVED DAILY WATER LEVEL, 634.441 METRES ON FEB 16 MIN. OBSERVED WATER LEVEL, 682.990 METRES ON NOV. 28/73
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LAKE - STATION DESCRIPTION

STATION NAME: DRIEDMEAT LAKE at Outflow

STATION NUMBER: 05FA020

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

GAUGE TYPE: Recording.

PERIOD OF RECORD: 1976 - 1982

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, 686.141 metres on May 5/82
Minimum observed water level, 684.142 metres on Sept 27/76

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1					685.855 E	684.947 E	684.641	685.559 E	684.720	684.649	684.694 E		1
2					685.974 A	684.925 E	684.693	685.520 E	684.706	684.667	684.694 A		2
3					686.065 A	684.904 E	684.715	685.480 E	684.704	684.698			3
4					686.099 A	684.882 E	684.753	685.440 E	684.701	684.683			4
5					686.141 A	684.861 E	684.880	685.401 A	684.704	684.663			5
6					686.129 A	684.840 E	684.970	685.374	684.696	684.666			6
7					686.096 A	684.818 E	685.068	685.325	684.704	684.695			7
8					686.074 A	684.797 A	685.181	685.269	684.707	684.698			8
9					686.016 A	684.772	685.269	685.221	684.704	684.687	684.681 A		9
10					685.983 A	684.755	685.336	685.176	684.716	684.681			10
11					685.901 A	684.735	685.394	685.157	684.702	684.685			11
12					685.849 A	684.737	685.442	685.110	684.712	684.677			12
13					685.797 A	684.727	685.483	685.072	684.696	684.685			13
14					685.705 E	684.732	685.504 A	685.045	684.671	684.692			14
15					684.288	684.722	685.550 A	685.004	684.697	684.653	684.590 A		15
16					684.307	685.516 E	684.709	685.608 A	684.973	684.695	684.672		16
17					684.341	685.422 E	684.693	685.620 E	684.943	684.689	684.712		17
18					684.363	685.328 A	684.683	685.635 E	684.914	684.694	684.687		18
19					684.383	685.267 E	684.672	685.648 A	684.887	684.685	684.676		19
20					684.441	685.203 A	684.657	685.657 E	684.857	684.672			20
21					684.554	685.181 E	684.659	685.666 A	684.845	684.689	684.677		21
22					684.703	685.160 E	684.661	685.672 E	684.826	684.693	684.665		22
23					684.886	685.139 E	684.654	685.675 E	684.801	684.681			23
24					685.038	685.117 E	684.641	685.681 E	684.788	684.669	684.682		24
25					685.331	685.096 E	684.634	685.684 E	684.769	684.696	684.684 A		25
26					685.337 A	685.075 E	684.634	685.690 E	684.756	684.676	684.684 E		26
27					685.431 A	685.053 E	684.618	685.693 E	684.734	684.660	684.687 E		27
28					685.492 A	685.032 E	684.607	685.699 A	684.755	684.678	684.687 E		28
29					685.614 E	685.011 E	684.608	685.678 A	684.736	684.722	684.690 E		29
30					685.733 E	684.989 E	684.615	685.638 E	684.734	684.651	684.690 E		30
31					684.968 E			685.599 E	684.721	684.690 E			31
TOTAL					21251.852	20541.899	21247.422	21235.192	20540.789	21225.119			TOTAL
MEAN					685.544	684.730	685.401	685.039	684.693	684.681			MEAN
MAX					686.141	684.947	685.699	685.559	684.722	684.712			MAX
MIN					684.968	684.607	684.641	684.721	684.651	684.649			MIN

SUMMARY FOR THE YEAR 1982

MAXIMUM DAILY WATER LEVEL, 686.141 METRES ON MAY 5

A-MANUAL GAUGE

MINIMUM DAILY WATER LEVEL, 684.288 METRES ON APR 14
MAXIMUM INSTANTANEOUS WATER LEVEL, 686.141 METRES AT
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA

ON MAY 05

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 - 1982

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. 05FEE903

DAILY WATER LEVEL IN METRES FOR 1982

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		652.209											16
17													17
18					652.269								18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26							652.200						26
27									652.084				27
28													28
29													29
30													30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 652.269 METRES ON MAY 18
 MINIMUM OBSERVED DAILY WATER LEVEL, 652.084 METRES ON SEP 27
 WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM
 MAX. OBSERVED WATER LEVEL, 653.141 METRES ON MAY 29/74
 MIN. OBSERVED WATER LEVEL, 652.084 METRES ON SEPT. 27/82

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 - 1982

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

REMARKS: This is a man made lake which has evolved into
natural controls.

A bench mark discrepancy has been corrected during
this period.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

ECCLLES POND NEAR HINTON

STATION NO. 07AD901

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1										1081.433			1
2									1081.436				2
3													3
4													4
5							1081.586						5
6								1081.448					6
7													7
8													8
9					1081.275	1081.462			1081.432	1081.441			9
10	1081.348												10
11													11
12													12
13													13
14								1081.441					14
15										1081.438			15
16							1081.513						16
17									1081.432				17
18													18
19													19
20								1081.443					20
21													21
22													22
23													23
24							1081.464						24
25									1081.429				25
26													26
27													27
28													28
29							1081.455						29
30							1081.428						30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 1081.586 METRES ON JUL 5 MAX. OBSERVED WATER LEVEL, 1081.586 METRES ON JULY 5/82
MINIMUM OBSERVED DAILY WATER LEVEL, 1081.275 METRES ON JUN 9 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 - 1982

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 1982

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

735.522

735.842

735.814

735.757

MEAN
MAX
MIN
TOTAL

MEAN
MAX
MIN
TOTAL

HISTORICAL SUMMARY

SUMMARY FOR THE YEAR 1982

MAXIMUM OBSERVED DAILY WATER LEVEL, 735.842 METRES ON MAY 19

MINIMUM OBSERVED DAILY WATER LEVEL, 735.522 METRES ON FEB 18

WATER LEVELS ARE REFERRED TO GEODTIC SURVEY OF CANADA DATUM

MAX. OBSERVED WATER LEVEL, 736.162 METRES ON MAY 9/72

MIN. OBSERVED WATER LEVEL, 735.135 METRES ON SEPT. 11/68

LAKE - STATION DESCRIPTION

STATION NAME: ELKWATER LAKE near Irvine

STATION NUMBER: 05AH902

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

GAUGE TYPE: None. Level established by surveying

PERIOD OF RECORD: 1913; 1916; 1934; 1940; 1977- 1982

HYDROGRAPHIC SURVEY MAP AVAILABLE: YES/NO

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

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

ELKWATER LAKE NEAR IRVINE

STATION NO. 05AH902

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1												1226.491	1
2													2
3													3
4													4
5													5
6					1226.381								6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18		1225.994											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 1982

MAXIMUM OBSERVED DAILY WATER LEVEL, 1226.491 METRES ON DEC 1
MINIMUM OBSERVED DAILY WATER LEVEL, 1225.994 METRES ON FEB 18
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA

HISTORICAL SUMMARY

MAX. OBSERVED WATER LEVEL 1226.491 METRES ON DEC. 1/82
MIN. OBSERVED WATER LEVEL 1225.828 METRES ON NOV. 12/80

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 - 1982

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 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5		29.119											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										29.213			19
20													20
21							29.239						21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL					29.167								TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1982

MAXIMUM OBSERVED DAILY WATER LEVEL, 29.239 METRES ON JUL 22
MINIMUM OBSERVED DAILY WATER LEVEL, 29.119 METRES ON FEB 5
WATER LEVELS ARE REFERRED TO ASSUMED DATUM

HISTORICAL SUMMARY

MAX. OBSERVED WATER LEVEL, 29.328 METRES ON OCT. 19/72
MIN. OBSERVED WATER LEVEL, 28.764 METRES ON JAN. 15/75

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 - 1982

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 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5		670.670											5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16										670.613			16
17													17
18													18
19													19
20							670.818						20
21													21
22													22
23													23
24													24
25													25
26													26
27					670.920								27
28													28
29													29
30													30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 670.920 METRES ON MAY 27 MAX. OBSERVED WATER LEVEL, 671.456 METRES ON MAY 30/79
MINIMUM OBSERVED DAILY WATER LEVEL, 670.613 METRES ON OCT 15 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 - 1982

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

REMARKS: Geodetic elevation established 1982.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

FICKLE LAKE NEAR EDSON

STATION NO. 07AF903

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1							978.023			977.917			1
2									977.784				2
3													3
4													4
5													5
6								977.970					6
7													7
8													8
9						977.940	978.032		977.769	977.942			9
10		977.745											10
11													11
12								977.939		977.866			12
13													13
14													14
15													15
16							978.000			977.743			16
17													17
18						977.895							18
19								977.824					19
20													20
21													21
22													22
23													23
24							978.183		977.740				24
25						977.885							25
26								977.814					26
27													27
28							978.055						28
29							978.020						29
30													30
31													31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 978.183 METRES ON JUL 23 MAX. OBSERVED WATER LEVEL, 978.499 METRES ON JUNE 22/80
MINIMUM OBSERVED DAILY WATER LEVEL, 977.740 METRES ON SEP 24 MIN. OBSERVED WATER LEVEL, 977.691 METRES ON AUG. 3/72
WATER LEVELS ARE REFERRED TO GEODETIC ELEVATION

LAKE - STATION DESCRIPTION

STATION NAME: FIGURE EIGHT LAKE NEAR BROWNVALE

STATION NUMBER: 07HA908

LOCATION: 84-25-W5

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1982

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

REMARKS: There is a Ducks Unlimited Control Structure on
this lake constructed in 1972.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

FIGURE EIGHT LAKE NEAR BROWNVALE
DAILY WATER LEVEL IN METRES FOR 1982

STATION NO. 07HA908

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1										682.852			1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9								682.947					9
10													10
11													11
12													12
13													13
14													14
15													15
16						683.024							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 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 683.024 METRES ON JUN 15 MAX. OBSERVED WATER LEVEL, 683.024 METRES ON JUNE 15/82

MINIMUM OBSERVED DAILY WATER LEVEL, 682.852 METRES ON OCT 5 MIN. OBSERVED WATER LEVEL, 682.852 METRES ON OCT. 5/82

WATER LEVELS ARE REFERRED TO GEODETIC 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 -1982

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.

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						1336.786		1336.830	1336.831	1336.833			1
2							1336.803	1336.830	1336.831	1336.833			2
3							1336.818		1336.821	1336.843			3
4						1336.786	1336.838		1336.826	1336.833			4
5		1336.771				1336.787			1336.826				5
6						1336.787		1336.820	1336.822				6
7						1336.787		1336.820		1336.823			7
8						1336.787		1336.820		1336.823			8
9							1337.018		1336.802	1336.823			9
10									1336.802	1336.823			10
11						1336.787			1336.802	1336.823			11
12						1336.787	1336.928	1336.800	1336.802	1336.814			12
13						1336.787		1336.790	1336.802				13
14								1336.830					14
15						1336.787	1336.969	1336.820		1336.814			15
16									1336.802				16
17							1336.979	1336.825	1336.792	1336.814			17
18						1336.787	1336.939		1336.792	1336.814			18
19						1336.787		1336.821	1336.792				19
20						1336.787	1336.919	1336.821		1336.819			20
21								1336.821					21
22						1336.777	1336.890	1336.821					22
23							1336.879	1336.811					23
24							1336.869		1336.793				24
25							1336.869						25
26								1336.831	1336.803				26
27								1336.831	1336.808				27
28								1336.831	1336.813				28
29						1336.798	1336.849						29
30							1336.829	1336.831					30
31							1336.830						31
TOTAL					1336.786								TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 1337.018 METRES ON JUL 9 MAX. OBSERVED WATER LEVEL, 1337.356 METRES ON MAY 22/74
MINIMUM OBSERVED DAILY WATER LEVEL, 1336.771 METRES ON FEB 5 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 - 1982

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 1982

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

587.546

586.914

587.385

SUMMARY FOR THE YEAR 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 587.546 METRES ON JUN 7
MINIMUM OBSERVED DAILY WATER LEVEL, 586.914 METRES ON JUL 13
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

MAX. OBSERVED WATER LEVEL, 588.572 METRES ON NOV. 10/70
MIN. OBSERVED WATER LEVEL, 586.914 METRES ON JULY 13/82

MEAN
MAX
MIN

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 - 1982

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

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

FLOATINGSTONE LAKE NEAR SPEEDEN

STATION NO. 06AA904

DAILY WATER LEVEL IN METRES FOR 1982

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

602.202

602.403

602.414

602.298

SUMMARY FOR THE YEAR 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 602.414 METRES ON JUL 15
MINIMUM OBSERVED DAILY WATER LEVEL, 602.202 METRES ON FEB 11
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

MAX. OBSERVED WATER LEVEL, 603.056 METRES ON JUNE 13/74
MIN. OBSERVED WATER LEVEL, 602.201 METRES ON OCT. 8/81

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: Staff Gauge.

PERIOD OF RECORD: 1980 - 1982

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

REMARKS: Error corrected in historical summary.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

FLOOD LAKE NEAR CHINOOK VALLEY

STATION NO. 07HA905

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						633.830	633.708	633.646	633.680	633.650			1
2						633.702	633.704	633.684	633.678	633.650			2
3						633.824	633.706	633.712	633.676	633.650			3
4		633.546				633.706	633.706	633.725	633.672	633.648			4
5						633.814	633.706	633.727	633.674	633.648			5
6						633.812	633.704	633.725	633.672	633.644			6
7						633.812	633.703	633.723	633.670				7
8						633.806	633.701	633.723	633.665				8
9						633.802	633.697	633.721	633.671				9
10						633.803	633.691	633.717	633.675				10
11						633.801	633.687	633.705	633.675				11
12						633.797	633.673	633.701	633.673				12
13						633.793	633.671	633.697	633.671				13
14						633.787	633.695	633.695	633.669				14
15						633.781	633.653	633.695	633.669				15
16						633.777	633.649	633.695	633.669				16
17						633.769	633.645	633.691	633.667				17
18						633.765	633.639	633.691	633.665				18
19						633.761	633.637	633.689	633.663				19
20						633.757	633.633	633.688	633.661				20
21						633.753	633.634	633.692	633.659				21
22						633.747	633.650	633.690	633.659				22
23						633.739	633.652	633.688	633.657				23
24						633.732	633.654	633.696	633.653				24
25						633.728	633.650	633.694	633.653				25
26						633.726	633.650	633.692	633.652				26
27						633.722	633.648	633.690	633.652				27
28						633.716	633.646	633.688	633.654				28
29						633.712	633.642	633.686	633.654				29
30						633.710	633.638	633.686	633.652				30
31						633.710	633.634	633.682					31
TOTAL							19644.634	19009.960					TOTAL

MEAN	633.698	633.665
MAX	633.727	633.680
MIN	633.646	633.652

SUMMARY FOR THE YEAR 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 633.830 METRES ON JUN 3 MAX. OBSERVED WATER LEVEL, 633.873 METRES ON MAY 23/81
MINIMUM OBSERVED DAILY WATER LEVEL, 633.546 METRES ON FEB 4 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 survey.

PERIOD OF RECORD: 1968; 1972-73; 1975 - 1982

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

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

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

FLYINGSHOT LAKE NEAR GRANDE PRAIRIE

STATION NO. 07GE908

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5		650.643											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										651.181			19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27					651.433								27
28													28
29													29
30													30
31													31
TOTAL													TOTAL

651.433

650.955

651.181

SUMMARY FOR THE YEAR 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 651.433 METRES ON MAY 27 MAX. OBSERVED WATER LEVEL, 651.433 METRES ON MAY 27/82

MINIMUM OBSERVED DAILY WATER LEVEL, 650.643 METRES ON FEB 5 MIN. OBSERVED WATER LEVEL, 650.515 METRES ON OCT. 6/81

WATER LEVELS ARE REFERRED TO GEODETIC ELEVATION

MEAN
MAX
MIN

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 - 1982

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 1982

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
		587.511						587.586					
11													11
12													12
13													13
14													14
15													15
							587.563						
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 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 587.586 METRES ON JUN 8
MINIMUM OBSERVED DAILY WATER LEVEL, 587.456 METRES ON OCT 13
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

MAX. OBSERVED WATER LEVEL, 588.572 METRES ON JAN. 22/74
MIN. OBSERVED WATER LEVEL, 587.456 METRES ON OCT. 13/82

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 - 1982

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 1982

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										1078.825			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

1078.254

1078.980

1078.874

1078.825

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 1078.980 METRES ON MAY 18 MAX. OBSERVED WATER LEVEL, 1079.065 METRES ON SEPT. 30/80
MINIMUM OBSERVED DAILY WATER LEVEL, 1078.254 METRES ON FEB 17 MIN. OBSERVED WATER LEVEL, 1077.648 METRES ON FEB. 5/80
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LAKE - STATION DESCRIPTION

STATION NAME: FROG LAKE near Elk Point

STATION NUMBER: 05ED904

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

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1968 - 1982

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 1982

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
		573.797				573.848							
11													11
12													12
13													13
14													14
15													15
										573.735			
16							573.885						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 1982

MAXIMUM OBSERVED DAILY WATER LEVEL, 573.885 METRES ON JUL 16
MINIMUM OBSERVED DAILY WATER LEVEL, 573.735 METRES ON OCT 14
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

HISTORICAL SUMMARY

MAX. OBSERVED WATER LEVEL, 574.889 METRES ON JUNE 11/74
MIN. OBSERVED WATER LEVEL, 573.735 METRES ON OCT. 14/82

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 - 1982

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

REMARKS:

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4		944.140											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										944.365			19
20													20
21							944.625						21
22													22
23													23
24					944.393								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 1982

MAXIMUM OBSERVED DAILY WATER LEVEL, 944.625 METRES ON JUL 21
MINIMUM OBSERVED DAILY WATER LEVEL, 944.140 METRES ON FEB 4
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

HISTORICAL SUMMARY

MAX. OBSERVED WATER LEVEL, 944.935 METRES ON APR. 26/71
MIN. OBSERVED WATER LEVEL, 942.350 METRES ON JAN. 27/78

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 - 1982

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/~~NO~~

REMARKS: Geodetic Elevation verified April 1978.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

GARNER LAKE NEAR SPEDDEN

STATION NO. 06AA906

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						608.298	608.358	608.312	608.312				1
2						608.310	608.354	608.312	608.312				2
3						608.315	608.358	608.311	608.311				3
4						608.335	608.359	608.311	608.311				4
5						608.341	608.364	608.307	608.307				5
6						608.355	608.364	608.309	608.309				6
7						608.360	608.363	608.306	608.306				7
8						608.362	608.358	608.305	608.305				8
9						608.360	608.355	608.297	608.297				9
10						608.358	608.352	608.297	608.297				10
11	608.175					608.355	608.348	608.299	608.299				11
12						608.355	608.348	608.296	608.296				12
13						608.359	608.337	608.288	608.288				13
14						608.352	608.348	608.281	608.281				14
15						608.358	608.348	608.282	608.282	608.213			15
16						608.358	608.336	608.281	608.281				16
17						608.356	608.332	608.281	608.281				17
18						608.354	608.331	608.279	608.279				18
19						608.355	608.328	608.278	608.278				19
20						608.357	608.332	608.277	608.277				20
21						608.271	608.337	608.276	608.276				21
22						608.319	608.327	608.272	608.272				22
23						608.324	608.317	608.270	608.270				23
24						608.317	608.301	608.265	608.265				24
25						608.309	608.287	608.262	608.262				25
26						608.313	608.289	608.260	608.260				26
27						608.313	608.289	608.255	608.255				27
28						608.311	608.287	608.245	608.245				28
29						608.304	608.292	608.235	608.235				29
30						608.358	608.292	608.245	608.245				30
31						608.299	608.312						31
TOTAL						18858.912	18858.303	18248.494					TOTAL

MEAN	608.352	608.332	608.283	MEAN
MAX	608.389	608.364	608.312	MAX
MIN	608.298	608.237	608.235	MIN

SUMMARY FOR THE YEAR 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 608.389 METRES ON JUL 24
MINIMUM OBSERVED DAILY WATER LEVEL, 607.726 METRES ON SEPT. 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 - 1982

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

REMARKS: There is a Ducks Unlimited Control Structure on this lake constructed in 1974.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

GEORGE LAKE (EAST) NEAR HINES CREEK

STATION NO. 07FD916

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						652.525							1
2													2
3													3
4		652.365											4
5										652.309			5
6													6
7													7
8													8
9								652.379					9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 652.525 METRES ON JUN 1 MAX. OBSERVED WATER LEVEL, 652.578 METRES ON MAY 20/81
MINIMUM OBSERVED DAILY WATER LEVEL, 652.309 METRES ON OCT 5 MIN. OBSERVED WATER LEVEL, 651.963 METRES ON SEPT. 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 - 1982

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

REMARKS: There is a Ducks Unlimited Control Structure
on this lake constructed in 1974.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

GEORGE LAKE (WEST) NEAR HINES CREEK

STATION NO. 07FD917

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						651.399							1
2										651.270			2
3													3
4													4
5													5
6													6
7													7
8													8
9								651.358					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

651.305

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 651.399 METRES ON JUN 1 MAX. OBSERVED WATER LEVEL, 651.581 METRES ON MAY 20/81

MINIMUM OBSERVED DAILY WATER LEVEL, 651.270 METRES ON OCT 5 MIN. OBSERVED WATER LEVEL, 651.270 METRES ON OCT 5/82

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, 1981-1982

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 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1									666.580				1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10		666.640											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									666.650				23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL						666.580							TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 666.650 METRES ON SEP 23 MAX. OBSERVED WATER LEVEL, 666.860 METRES ON JUNE 11/81
MINIMUM OBSERVED DAILY WATER LEVEL, 666.580 METRES ON JUN 29 MIN. OBSERVED WATER LEVEL, 666.580 METRES ON JUNE 29/82
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: Staff Gauge

PERIOD OF RECORD: 1969 - 1982

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

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

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

GHOST LAKE NEAR ATHABASCA

STATION NO. 07DE903

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						631.181	631.181	631.300	631.305	631.249			1
2						631.181	631.201	631.310	631.305	631.249			2
3						631.201	631.237	631.330	631.295	631.249			3
4						631.237	631.237	631.330	631.295	631.249			4
5						631.237	631.237	631.330	631.295	631.249			5
6						631.237	631.237	631.330	631.295	631.256			6
7						631.237	631.237	631.330	631.295				7
8						631.237	631.237	631.330	631.294				8
9						631.237	631.237	631.330	631.294				9
10						631.251	631.237	631.328	631.294				10
11						631.236	631.237	631.330	631.289				11
12						631.236	631.237	631.330	631.289				12
13						631.236	631.237	631.320	631.288				13
14						631.236	631.238	631.320					14
15						631.236	631.239	631.325	631.284				15
16		631.153				631.281	631.239	631.325	631.279				16
17						631.270	631.255	631.325	631.279				17
18						631.205	631.272	631.325	631.269				18
19						631.201	631.288	631.320	631.264				19
20						631.201	631.305	631.310	631.264				20
21						631.201	631.290	631.315	631.264				21
22						631.181	631.290	631.320	631.264				22
23						631.181	631.290	631.320	631.264				23
24						631.181	631.290	631.320	631.264				24
25						631.181	631.300	631.310	631.264				25
26						631.181	631.300	631.310	631.264				26
27						631.181	631.300	631.310	631.249				27
28						631.181	631.300	631.310	631.249				28
29						631.181	631.300	631.310	631.249				29
30						631.181	631.300	631.305					30
31						631.300	631.300	631.305					31
TOTAL						19569.029	19570.913						TOTAL

MEAN	631.259	631.320											MEAN
MAX	631.305	631.330											MAX
MIN	631.181	631.300											MIN

SUMMARY FOR THE YEAR 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 631.330 METRES ON AUG 3 MAX. OBSERVED WATER LEVEL, 631.619 METRES ON AUG. 8/79
 MINIMUM OBSERVED DAILY WATER LEVEL, 631.153 METRES ON FEB 16 MIN. OBSERVED WATER LEVEL, 630.799 E-ESTIMATED
 WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM METRES ON JULY 10.69

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 - 1982

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 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						1347.197	1347.297	1347.403	1347.489	1347.505			1
2						1347.197	1347.297	1347.413	1347.489	1347.505			2
3						1347.307	1347.307	1347.413	1347.489	1347.510			3
4						1347.197	1347.307	1347.515	1347.515	1347.515			4
5		1347.217				1347.207	1347.327	1347.515	1347.515	1347.515			5
6						1347.217	1347.414	1347.515	1347.515	1347.516			6
7						1347.217	1347.414	1347.516	1347.516	1347.516			7
8						1347.217	1347.414	1347.516	1347.516	1347.516			8
9						1347.217	1347.353	1347.515	1347.515	1347.516			9
10							1347.353	1347.520	1347.520	1347.516			10
11						1347.237	1347.373	1347.515	1347.515	1347.516			11
12						1347.237	1347.373	1347.515	1347.515	1347.516			12
13						1347.247	1347.424	1347.515	1347.515	1347.516			13
14							1347.454	1347.525	1347.525	1347.516			14
15						1347.257	1347.413	1347.521	1347.521	1347.521			15
16							1347.403	1347.530	1347.530	1347.521			16
17							1347.383	1347.530	1347.530	1347.521			17
18						1347.207	1347.353	1347.511	1347.511	1347.511			18
19						1347.207	1347.333	1347.440	1347.440	1347.507			19
20						1347.207	1347.469	1347.507	1347.507	1347.507			20
21							1347.479	1347.521	1347.521	1347.521			21
22						1347.207	1347.324	1347.484	1347.484	1347.521			22
23							1347.353	1347.474	1347.474	1347.521			23
24							1347.373	1347.435	1347.435	1347.521			24
25							1347.479	1347.460	1347.460	1347.521			25
26							1347.489	1347.480	1347.480	1347.521			26
27							1347.484	1347.480	1347.480	1347.521			27
28							1347.484	1347.490	1347.490	1347.521			28
29							1347.484	1347.490	1347.490	1347.521			29
30							1347.484	1347.490	1347.490	1347.521			30
31							1347.484	1347.490	1347.490	1347.521			31
TOTAL													TOTAL

SUMMARY FOR THE YEAR 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 1347.530 METRES ON SEP 16 MAX. OBSERVED WATER LEVEL, 1347.530 METRES ON SEPT. 16/82
MINIMUM OBSERVED DAILY WATER LEVEL, 1347.147 METRES ON MAY 27 MIN. OBSERVED WATER LEVEL, 1346.619 METRES ON JAN. 5/76
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LAKE - STATION DESCRIPTION

STATION NAME: GOODFARE LAKE near Goodfare

STATION NUMBER: 07GD901

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

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1976 - 1982

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 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16		770.439											16
17													17
18													18
19													19
20										770.733			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 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 770.806 METRES ON JUN 11
MINIMUM OBSERVED DAILY WATER LEVEL, 770.439 METRES ON FEB 16
WATER LEVELS ARE REFERRED TO GEODETIC ELEVATION

MAX. OBSERVED WATER LEVEL, 771.034 METRES ON AUG. 26/76
MIN. OBSERVED WATER LEVEL, 770.138 METRES ON JAN. 10/79

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 - 1982

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 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11		580.400											11
12													12
13													13
14													14
15													15
16						580.486				580.365			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 1982

MAXIMUM OBSERVED DAILY WATER LEVEL, 580.493 METRES ON JUL 15
MINIMUM OBSERVED DAILY WATER LEVEL, 580.365 METRES ON OCT 15
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

HISTORICAL SUMMARY

MAX. OBSERVED WATER LEVEL, 581.180 METRES ON JUNE 13/74
MIN. OBSERVED WATER LEVEL, 580.365 METRES ON OCT. 15/82

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 - 1982

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 1982

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										724.618			6
7													7
8													8
9													9
10													10
11								724.685					11
12													12
13													13
14													14
15													15
16													16
17		724.378											17
18					724.522								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 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 724.685 METRES ON AUG 11 MAX. OBSERVED WATER LEVEL, 724.985 METRES ON MAY 16/74
 MINIMUM OBSERVED DAILY WATER LEVEL, 724.378 METRES ON FEB 17 MIN. OBSERVED WATER LEVEL, 723.827 METRES ON JUNE 5/68
 WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LAKE - STATION DESCRIPTION

STATION NAME: GOOSEBERRY LAKE near Consort

STATION NUMBER: 05GA904

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

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1955-66; 1971-1982

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 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3		695.541											3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11					695.666								11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20							695.741			695.498			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 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 695.741 METRES ON JUL 20
MINIMUM OBSERVED DAILY WATER LEVEL, 695.498 METRES ON OCT 18
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

MAX. OBSERVED WATER LEVEL, 697.434 METRES ON JULY 12/56
MIN. OBSERVED WATER LEVEL, 695.498 METRES ON OCT. 18/82

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 - 1982

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/NO

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

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

GOSLING LAKE NEAR BUCK LAKE

STATION NO. 05CC903

DAILY WATER LEVEL IN METRES FOR 1982

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

1004.271

1004.339

1004.231

1004.179

SUMMARY FOR THE YEAR 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 1004.339 METRES ON MAY 19 MAX. OBSERVED WATER LEVEL, 1004.529 METRES ON NOV. 12/80
MINIMUM OBSERVED DAILY WATER LEVEL, 1004.179 METRES ON SEP 29 MIN. OBSERVED WATER LEVEL, 1003.902 METRES ON MAR. 18/76
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LAKE - STATION DESCRIPTION

STATION NAME: GRANDE CACHE LAKE near Grande Cache

STATION NUMBER: 07GA901

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

GAUGE TYPE: Staff Gauge

PERIOD OF RECORD: 1970 - 1982

HYDROGRAPHIC SURVEY MAP AVAILABLE: YES/NO

REMARKS:

There is a control structure on this lake.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

GRANDE CACHE LAKE NEAR GRANDE CACHE

STATION NO. 07GA901

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1								1117.415					1
2								1117.414					2
3								1117.413					3
4													4
5													5
6													6
7													7
8		1117.166											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 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 1117.435 METRES ON JUL 12 MAX. OBSERVED WATER LEVEL, 1117.809 METRES ON MAY 21/80

MINIMUM OBSERVED DAILY WATER LEVEL, 1117.166 METRES ON FEB 8 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 - 1982

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

REMARKS: Staff gauge readings do not reflect actual
lake levels due to beaver activity.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

GRAVEYARD LAKE NEAR HINTON

STATION NO. 07AC902

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						1149.403	1149.403	1149.290					1
2						1149.381	1149.381	1149.288					2
3						1149.377	1149.377	1149.288					3
4						1149.475	1149.475	1149.288					4
5						1149.491	1149.491	1149.283					5
6						1149.502	1149.502	1149.238					6
7						1149.454	1149.454	1149.216					7
8					1149.228	1149.425	1149.425	1149.193					8
9	1149.103				1149.227	1149.391	1149.391	1149.169					9
10					1149.252	1149.376	1149.376	1149.168					10
11					1149.256	1149.328	1149.328	1149.143		1149.185			11
12					1149.261	1149.307	1149.307	1149.126					12
13					1149.228	1149.278	1149.278	1149.118					13
14					1149.231	1149.341	1149.341	1149.133					14
15					1149.233	1149.421	1149.421	1149.163					15
16					1149.233	1149.399	1149.399	1149.204					16
17					1149.233	1149.367	1149.367	1149.197					17
18					1149.243	1149.345	1149.345	1149.178					18
19					1149.243	1149.345	1149.345	1149.170					19
20					1149.248	1149.308	1149.308	1149.149					20
21					1149.258	1149.307	1149.307	1149.143					21
22					1149.282	1149.297	1149.297	1149.173					22
23					1149.304	1149.285	1149.285	1149.176					23
24					1149.314	1149.266	1149.266	1149.168					24
25					1149.354	1149.240	1149.240	1149.170					25
26					1149.349	1149.218	1149.218	1149.170					26
27					1149.364	1149.208	1149.208	1149.169					27
28					1149.394	1149.203	1149.203	1149.169					28
29					1149.395	1149.198	1149.198						29
30					1149.395	1149.179	1149.179						30
31					1149.395	1149.174	1149.174						31
TOTAL						35629.289							TOTAL

MEAN	1149.332	MEAN
MAX	1149.502	MAX
MIN	1149.174	MIN

SUMMARY FOR THE YEAR 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 1149.502 METRES ON JUL 6 MAX. OBSERVED WATER LEVEL, 1150.645 METRES ON JUNE 6/80
MINIMUM OBSERVED DAILY WATER LEVEL, 1149.103 METRES ON FEB 9 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 - West side of Gregg Lake, 0.5 miles East
of Highway #40.

GAUGE TYPE: Staff Gauge.

PERIOD OF RECORD: 1968 - 1982

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 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1							1138.632	1138.643					1
2							1138.652	1138.694					2
3							1138.679	1138.715					3
4							1138.706	1138.735					4
5							1138.589	1138.715					5
6							1138.902	1138.695					6
7							1138.863	1138.680					7
8							1138.832	1138.665					8
9							1138.817	1138.646					9
10		1138.418				1138.514	1138.771	1138.645					10
11						1138.517	1138.742	1138.625		1138.607			11
12						1138.521	1138.721	1138.604					12
13						1138.519	1138.713	1138.590					13
14						1138.522	1138.736	1138.605					14
15						1138.522	1138.841	1138.619					15
16						1138.518	1138.846	1138.644					16
17						1138.513	1138.818	1138.651					17
18						1138.508	1138.801	1138.642					18
19						1138.512	1138.794	1138.628					19
20						1138.513	1138.788	1138.615					20
21						1138.514	1138.761	1138.609					21
22						1138.526	1138.745	1138.621					22
23						1138.523	1138.732	1138.621					23
24						1138.528	1138.723	1138.615					24
25						1138.533	1138.684	1138.624					25
26						1138.538	1138.665	1138.624					26
27						1138.542	1138.664	1138.619					27
28						1138.599	1138.672	1138.795					28
29							1138.670						29
30							1138.635						30
31							1138.625						31
TOTAL							35300.819						TOTAL
MEAN							1138.736						MEAN
MAX							1138.902						MAX
MIN							1138.589						MIN

SUMMARY FOR THE YEAR 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 1138.902 METRES ON JUL 6 MAX. OBSERVED WATER LEVEL, 1139.788 METRES ON SEPT. 19/80
MINIMUM OBSERVED DAILY WATER LEVEL, 1138.418 METRES ON FEB 9 MIN. OBSERVED WATER LEVEL, 1138.202 METRES ON JULY 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 - 1982

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 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11		669.022											11
12													12
13													13
14													14
15													15
16						669.144							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

HISTORICAL SUMMARY

SUMMARY FOR THE YEAR 1982

MAXIMUM OBSERVED DAILY WATER LEVEL, 669.146 METRES ON JUL 15
MINIMUM OBSERVED DAILY WATER LEVEL, 669.022 METRES ON FEB 11
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

MAX. OBSERVED WATER LEVEL, 670.078 METRES ON JUNE 6/74
MIN. OBSERVED WATER LEVEL, 668.893 METRES ON NOV. 17/72

LAKE - STATION DESCRIPTION

STATION NAME: HASSE LAKE near Stony Plain

STATION NUMBER: 05EA908

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

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1968 - 1982

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 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5										728.570			5
6													6
7													7
8													8
9													9
10								728.568					10
11						728.512							11
12													12
13													13
14													14
15													15
16													16
17													17
18		728.426			728.555								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 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 728.570 METRES ON OCT 5
MINIMUM OBSERVED DAILY WATER LEVEL, 728.426 METRES ON FEB 18
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM
MAX. OBSERVED WATER LEVEL, 728.649 METRES ON MAY 8/81
MIN. OBSERVED WATER LEVEL, 727.119 METRES ON OCT. 5/70

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 - 1982

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 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						648.123							1
2										648.021			2
3													3
4													4
5													5
6													6
7													7
8													8
9								648.100					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

647.873

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 648.123 METRES ON JUN 1
MINIMUM OBSERVED DAILY WATER LEVEL, 647.873 METRES ON FEB 17
WATER LEVELS ARE REFERRED TO GEODETIC ELEVATION

MAX. OBSERVED WATER LEVEL, 648.246 METRES ON MAY 20/81
MIN. OBSERVED WATER LEVEL, 647.873 METRES ON FEB. 17/82

LAKE - STATION DESCRIPTION

STATION NAME: HELEN LAKE NEAR DIXONVILL

STATION NUMBER: 07HA906

LOCATION: 87-25-W5 - 6 Miles West

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1980 - 1982

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 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						633.421							1
2													2
3													3
4		633.266											4
5													5
6										633.226			6
7													7
8													8
9													9
10								633.293					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 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 633.421 METRES ON JUN 2 MAX. OBSERVED WATER LEVEL, 633.536 METRES ON MAY 20.81
MINIMUM OBSERVED DAILY WATER LEVEL, 633.226 METRES ON OCT 6 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 - 1982

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

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

HERMIT LAKE NEAR GRANDE PRAIRIE

STATION NO. 07GE909

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1					660.213	660.093	660.219	660.337	660.282				1
2					660.209	660.091	660.329	660.309	660.282				2
3					660.203	660.093	660.411	660.305	660.280				3
4					660.199	660.099	660.467	660.301	660.276				4
5					660.215	660.101	660.463	660.299	660.274				5
6					660.213	660.123	660.453	660.299	660.274				6
7					660.209	660.121	660.445	660.302	660.274				7
8					660.117	660.117	660.435	660.303	660.272				8
9					660.211	660.119	660.431	660.300	660.270				9
10					660.205	660.113	660.417	660.300	660.272				10
11					660.203	660.109	660.405	660.320	660.276				11
12					660.199	660.099	660.397	660.318	660.274				12
13					660.197	660.097	660.385	660.306	660.274				13
14					660.191	660.169	660.377	660.304	660.260				14
15					660.189	660.185	660.375	660.302	660.258				15
16					660.187	660.189	660.381	660.300	660.258				16
17					660.183	660.187	660.379	660.300					17
18					660.169	660.199	660.371	660.298					18
19					660.163	660.205	660.367	660.298	660.260				19
20					660.157	660.203	660.363	660.296					20
21					660.153	660.215	660.359	660.296					21
22					660.151	660.213	660.357	660.296					22
23					660.143	660.213	660.353	660.294					23
24					660.135	660.211	660.351	660.290					24
25					660.119	660.211	660.357	660.288					25
26					660.113	660.203	660.355	660.280					26
27					660.107	660.203	660.357	660.296					27
28	659.968				660.105	660.203		660.298					28
29					660.101	660.199		660.288					29
30					660.221	660.197	660.349	660.284					30
31					660.215	660.195	660.343						31
TOTAL					20464.975		19809.007						TOTAL

MEAN
MAX
MIN

660.160
660.215
660.091

660.300
660.337
660.280

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 660.467 METRES ON AUG 4 MAX. OBSERVED WATER LEVEL, 660.467 METRES ON AUG. 4/82
MINIMUM OBSERVED DAILY WATER LEVEL, 659.968 METRES ON JAN 27 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 - 1982

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 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1							728.936	728.978					1
2							728.939	728.981					2
3							728.943	728.979					3
4							728.943	728.981					4
5							728.944	728.982		729.003			5
6							728.946	728.980					6
7							728.946	728.978					7
8							728.949	728.979					8
9							728.949	729.051					9
10							728.949	728.979					10
11						728.986	728.948	728.981					11
12							728.948	728.981					12
13							728.948	728.978					13
14							728.950	728.978					14
15							728.957	728.980					15
16						728.926	728.957	728.978					16
17						728.926	728.960	728.978					17
18		728.924				728.924	728.960	728.976					18
19					729.052	728.925	728.962	728.976					19
20						728.925	728.965	728.977					20
21						728.927	728.967	728.977					21
22						728.930	728.967	728.977					22
23						728.930	728.969	728.979					23
24						728.928	728.970	728.977					24
25						728.930	728.972	728.977					25
26						728.931	728.972	728.979					26
27						728.933	728.973	728.980					27
28						728.935	728.975	728.978					28
29						728.936	728.975	728.978					29
30						728.934	728.976	728.980					30
31						728.978	728.978	728.980					31
TOTAL						22597.693	22598.413						TOTAL

MEAN
MAX
MIN

728.958 728.981
728.978 729.051
728.936 728.976

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 729.052 METRES ON MAY 19 MAX. OBSERVED WATER LEVEL, 729.095 METRES ON MAY 10/81
MINIMUM OBSERVED DAILY WATER LEVEL, 728.924 METRES ON FEB 18 MIN. OBSERVED WATER LEVEL, 727.856 METRES ON MAY 18/71
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LAKE - STATION DESCRIPTION

STATION NAME: HUGHES LAKE near Grande Prairie

STATION NUMBER: 07GE910

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

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1975 - 1982

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 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5		661.724											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										661.925			19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28					661.862								28
29													29
30													30
31													31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1982

MAXIMUM OBSERVED DAILY WATER LEVEL, 661.925 METRES ON OCT 19
MINIMUM OBSERVED DAILY WATER LEVEL, 661.724 METRES ON FEB 5
WATER LEVELS ARE REFERRED TO GEODETIC ELEVATION

HISTORICAL SUMMARY
MAX. OBSERVED WATER LEVEL 662.462 METRES ON MAY 10/77
MIN. OBSERVED WATER LEVEL 661.497 METRES ON SEP.22/80

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 - 1982

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 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1							773.444	773.749	773.803				1
2							773.443	773.784	773.803				2
3							773.462		773.803				3
4							773.491		773.784				4
5							773.559	774.059	773.771				5
6								774.099	773.763				6
7								774.098					7
8								774.086					8
9								774.063					9
10						773.701	773.688						10
11		773.254				773.693	773.690	774.021					11
12						773.675	773.689	774.005					12
13						773.658		773.990					13
14						773.642				773.442			14
15							773.726	773.973					15
16													16
17						773.598	773.775	773.970					17
18						773.576	773.814						18
19						773.569	773.832	773.933					19
20						773.553		773.905					20
21						773.538							21
22							773.838	773.895					22
23							773.840	773.855					23
24						773.499	773.837						24
25						773.493	773.836						25
26						773.474	773.829	773.830					26
27						773.470		773.827					27
28						773.467		773.811					28
29							773.782	773.801					29
30							773.766	773.808					30
31							773.744						31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 774.099 METRES ON AUG 6 MAX. OBSERVED WATER LEVEL 774.323 METRES ON JUN.1/77
MINIMUM OBSERVED DAILY WATER LEVEL, 773.254 METRES ON FEB 11 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 - 1982

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 1982

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		579.161				579.195							9
10													10
11													11
12													12
13							579.205						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 1982

MAXIMUM OBSERVED DAILY WATER LEVEL, 579.205 METRES ON JUL 13

HISTORICAL SUMMARY

MAX. OBSERVED WATER LEVEL 579.365 METRES ON MAY 12/81

MINIMUM OBSERVED DAILY WATER LEVEL, 579.078 METRES ON OCT 13

MIN. OBSERVED WATER LEVEL 579.078 METRES ON OCT.13/82

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 - 1982

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

REMARKS:

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1							601.096	601.150	601.137	601.086			1
2							601.106	601.160	601.127	601.086			2
3							601.125	601.174	601.127	601.081			3
4							601.135	601.189	601.127	601.076			4
5							601.145	601.189	601.127	601.076			5
6							601.145	601.179	601.127	601.070			6
7							601.135	601.179	601.127	601.076			7
8							601.135	601.168	601.122	601.076			8
9							601.134	601.168	601.117	601.076			9
10						601.154	601.134	601.173	601.117	601.076			10
11						601.150	601.134	601.168	601.117	601.066			11
12						601.150	601.134	601.168	601.117	601.066			12
13						601.149	601.134	601.163	601.117	601.066			13
14						601.149	601.133	601.158	601.117	601.056			14
15						601.149	601.153	601.158	601.117	601.056			15
16	601.082					601.139	601.153	601.158	601.107	601.056			16
17					601.171	601.139	601.153	601.158	601.097	601.056			17
18						601.128	601.153	601.158	601.097	601.056			18
19						601.128	601.142	601.158	601.097	601.056			19
20						601.123	601.132	601.148	601.097	601.056			20
21						601.118	601.172	601.148	601.057	601.046			21
22						601.118	601.162	601.148	601.056	601.046			22
23						601.107	601.162	601.148	601.096	601.046			23
24						601.107	601.161	601.158	601.096	601.046			24
25						601.107	601.161	601.152	601.096	601.046			25
26						601.107	601.161	601.147	601.096	601.046			26
27						601.097	601.161	601.147	601.096	601.046			27
28						601.096	601.160	601.147	601.096	601.046			28
29						601.096	601.160	601.142	601.096	601.046			29
30						601.096	601.155	601.137	601.096	601.046			30
31						601.150	601.137	601.137	601.096	601.046			31
TOTAL							18635.476	18635.935	18033.296	18632.875			TOTAL

MEAN							601.144	601.159	601.110	601.060			MEAN
MAX							601.172	601.189	601.137	601.086			MAX
MIN							601.096	601.137	601.096	601.046			MIN

SUMMARY FOR THE YEAR 1982

MAXIMUM OBSERVED DAILY WATER LEVEL, 601.189 METRES ON AUG 4

MINIMUM OBSERVED DAILY WATER LEVEL, 601.046 METRES ON OCT 21

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

HISTORICAL SUMMARY

MAX. OBSERVED WATER LEVEL, 601.700 METRES ON MAY 23/74

MIN. OBSERVED WATER LEVEL, 601.012 METERS ON JUL.23/74

E-ESTIMATED

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 - 1982

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 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5		1141.630											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										1142.216			20
21													21
22							1142.154						22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL					1141.781								TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1982

MAXIMUM OBSERVED DAILY WATER LEVEL, 1142.216 METRES ON OCT 20
MINIMUM OBSERVED DAILY WATER LEVEL, 1141.630 METRES ON FEB 5
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

HISTORICAL SUMMARY

MAX. OBSERVED WATER LEVEL, 1143.095 METRES ON JAN.19/77
MIN. OBSERVED WATER LEVEL, 1140.681 METRES ON AUG.14/73

LAKE - STATION DESCRIPTION

STATION NAME: JACKFISH LAKE near Stony Plain

STATION NUMBER: 05DE902

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

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1968 - 1982

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

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 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5										729.992			5
6													6
7													7
8													8
9													9
10													10
11						729.902							11
12								730.000					12
13													13
14													14
15													15
16													16
17													17
18		729.750											18
19													19
20					729.925								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 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 730.000 METRES ON AUG 12 MAX. OBSERVED WATER LEVEL 730.000 METRES ON AUG. 12/82
MINIMUM OBSERVED DAILY WATER LEVEL, 729.750 METRES ON FEB 18 MIN. OBSERVED WATER LEVEL 728.570 METRES ON OCT. 5/70
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LAKE - STATION DESCRIPTION

STATION NAME: JARVIS LAKE near Hinton

STATION NUMBER: 07AC904

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

GAUGE TYPE: Staff Gauge.

PERIOD OF RECORD: 1968 - 1982

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 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						1151.191	1151.191	1151.188	1151.174				1
2						1151.199	1151.199	1151.228	1151.174				2
3						1151.205	1151.223	1151.223	1151.174				3
4						1151.259	1151.218	1151.218					4
5						1151.427	1151.213	1151.213					5
6						1151.462	1151.208	1151.208					6
7						1151.443	1151.203	1151.203					7
8						1151.423	1151.189	1151.189					8
9		1151.179				1151.391	1151.189	1151.189					9
10						1151.342	1151.189	1151.189					10
11						1151.176	1151.344	1151.186		1151.175			11
12						1151.176	1151.344	1151.188					12
13						1151.170	1151.329	1151.188					13
14						1151.154	1151.327	1151.198					14
15						1151.150	1151.327	1151.207					15
16						1151.140	1151.323	1151.208					16
17						1151.140	1151.323	1151.209					17
18						1151.134	1151.323	1151.209					18
19						1151.130	1151.314	1151.206					19
20						1151.130	1151.308	1151.208					20
21						1151.129	1151.304	1151.208					21
22						1151.151	1151.288	1151.209					22
23						1151.149	1151.283	1151.208					23
24						1151.149	1151.268	1151.204					24
25						1151.149	1151.267	1151.200					25
26						1151.144	1151.253	1151.199					26
27						1151.169	1151.233	1151.199					27
28						1151.203	1151.190	1151.196					28
29						1151.204	1151.213	1151.199					29
30						1151.194	1151.193	1151.197					30
31						1151.188	1151.180	1151.180					31
TOTAL						35690.284	35687.268						TOTAL
MEAN						1151.299	1151.202						MEAN
MAX						1151.462	1151.228						MAX
MIN						1151.188	1151.180						MIN

SUMMARY FOR THE YEAR 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 1151.462 METRES ON JUN 6
MINIMUM OBSERVED DAILY WATER LEVEL, 1151.129 METRES ON JUN 21
WATER LEVELS ARE REFERRED TO GEODETIC ELEVATION

MAX. OBSERVED WATER LEVEL 1151.733 METRES ON JUN.5/80
MIN. OBSERVED WATER LEVEL 1150.650 METRES ON JAN.25/78

LAKE - STATION DESCRIPTION

STATION NAME: JENSEN RESERVOIR near MAGRATH

STATION NUMBER: 05AE901

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

GAUGE TYPE: Staff Gauge.

PERIOD OF RECORD: 1967 - 1982

HYDROGRAPHIC SURVEY MAP AVAILABLE: YES/NO

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

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

JENSEN RESERVOIR NEAR MAGRATH

STATION NO. 05AE901

DAILY WATER LEVEL IN METRES FOR 1982

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

SUMMARY FOR THE YEAR 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 1070.756 METRES ON JUL 16 MAX. OBSERVED WATER LEVEL 1070.976 METRES ON JUN 11/76
MINIMUM OBSERVED DAILY WATER LEVEL, 1059.713 METRES ON MAR 29 MIN. OBSERVED WATER LEVEL 1059.713 METRES ON Mar 29/82
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LAKE - STATION DESCRIPTION

STATION NAME: JESSIE LAKE near Bonnyville

STATION NUMBER: 06AC906

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

GAUGE TYPE: Staff Gauge.

PERIOD OF RECORD: 1968 - 1982

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 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1								548.521					1
2										548.484			2
3													3
4													4
5													5
6									548.534				6
7													7
8													8
9													9
10		548.564						548.558					10
11													11
12										548.514			12
13											548.474		13
14										548.479			14
15													15
16							548.561	548.548					16
17													17
18													18
19							548.593		548.524	548.474			19
20													20
21								548.543					21
22													22
23													23
24											548.464		24
25													25
26							548.593						26
27									548.494				27
28													28
29						548.499							29
30								548.514					30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 548.593 METRES ON JUN 8 MAX. OBSERVED WATER LEVEL, 549.317 METRES ON MAY 30/75
MINIMUM OBSERVED DAILY WATER LEVEL, 548.464 METRES ON OCT 25 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 - 1982

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 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5										722.347			5
6													6
7													7
8													8
9													9
10													10
11													11
12								722.348					12
13													13
14													14
15													15
16													16
17													17
18		722.016											18
19													19
20					722.232								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 1982

MAXIMUM OBSERVED DAILY WATER LEVEL, 722.348 METRES ON AUG 12
MINIMUM OBSERVED DAILY WATER LEVEL, 722.016 METRES ON FEB 18
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

HISTORICAL SUMMARY

MAX. OBSERVED WATER LEVEL 722.348 METRES ON AUG. 12/82
MIN. OBSERVED WATER LEVEL 720.925 METRES ON NOV. 1/68

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: None. Level established by surveying.

PERIOD OF RECORD: 1969 - 1982

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 1982

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

759.328

759.477

759.424

759.352

SUMMARY FOR THE YEAR 1982

MAXIMUM OBSERVED DAILY WATER LEVEL, 759.477 METRES ON MAY 20
MINIMUM OBSERVED DAILY WATER LEVEL, 759.328 METRES ON FEB 18
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

HISTORICAL SUMMARY

MAX. OBSERVED WATER LEVEL 759.547 METRES ON MAY 1/81
MIN. OBSERVED WATER LEVEL 758.791 METRES ON OCT.16/70

MEAN
MAX
MIN

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 - 1982

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 1982

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		539.218				539.395							9
10													10
11													11
12													12
13													13
14													14
15							539.385			539.322			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 1982

MAXIMUM OBSERVED DAILY WATER LEVEL, 539.395 METRES ON JUN 8
MINIMUM OBSERVED DAILY WATER LEVEL, 539.218 METRES ON FEB 9
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

HISTORICAL SUMMARY

MAX. OBSERVED WATER LEVEL 539.996 METRES ON MAY 7/71
MIN. OBSERVED WATER LEVEL 539.218 METRES ON FEB.9/82

LAKE - STATION DESCRIPTION

STATION NAME: KIMIWAN LAKE AT MCLENNAN

STATION NUMBER: 07HA907

LOCATION: 77-19-W5 On North side of Hwy. 49 in the town of McLennan.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1981 - 1982

HYDROGRAPHIC SURVEY MAP AVAILABLE:

~~YES~~/NO

REMARKS:

There are Alberta Environment Control Structures on this lake.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

KIMIWAN LAKE AT MCLENNAN

STATION NO. 07HA907

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3		618.774				619.505							3
4													4
5													5
6													6
7										618.655			7
8													8
9													9
10													10
11								618.978					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 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 619.505 METRES ON JUN 3
MINIMUM OBSERVED DAILY WATER LEVEL, 618.655 METRES ON OCT 7
WATER LEVELS ARE REFERRED TO GEODETIC ELEVATION

MAX. OBSERVED WATER LEVEL 619.505 METRES ON JUN.3/82
MIN. OBSERVED WATER LEVEL 618.655 METRES ON OCT.7/82

LAKE - STATION DESCRIPTION

STATION NAME: KINKY LAKE near Hinton

STATION NUMBER: 07AD902

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

GAUGE TYPE: None. Staff Gauge

PERIOD OF RECORD: 1971 - 1982

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 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1								1152.449		1152.481			1
2								1152.451					2
3								1152.451	1152.450				3
4									1152.464				4
5													5
6							1152.446	1152.446					6
7								1152.446					7
8								1152.441					8
9		1152.205					1152.449	1152.431	1152.456				9
10							1152.449						10
11										1152.485			11
12							1152.409	1152.428					12
13							1152.407	1152.436	1152.440				13
14							1152.403						14
15							1152.406	1152.446					15
16													16
17							1152.450	1152.440	1152.446				17
18							1152.470						18
19							1152.397						19
20							1152.387	1152.427					20
21							1152.387	1152.427					21
22							1152.373	1152.440					22
23							1152.377	1152.440	1152.401				23
24													24
25							1152.451						25
26							1152.378						26
27							1152.384	1152.451	1152.450				27
28								1152.443	1152.460				28
29													29
30							1152.441	1152.463					30
31							1152.446						31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 1152.485 METRES ON OCT 11 MAX. OBSERVED WATER LEVEL 1152.485 METRES ON OCT. 11/82
MINIMUM OBSERVED DAILY WATER LEVEL, 1152.205 METRES ON FEB 9 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 - 1982

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 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1					722.163	721.969	722.082	722.106					1
2					722.153	721.964	722.080	722.102					2
3					722.139	721.964	722.139	722.096		721.974			3
4					722.124	721.984	722.201	722.088					4
5					722.086	722.004	722.253	722.068					5
6					722.116	721.998	722.314	722.054	721.978				6
7					722.102	721.993	722.321	722.040	721.978				7
8					722.094	721.988	722.331						8
9					722.079	721.973	722.351						9
10					722.066	722.053	722.401		721.978				10
11					722.083	722.013	722.403						11
12					722.076	721.963	722.391	722.020		721.978			12
13					722.073	721.963	722.386			721.978			13
14					722.071	721.983	722.361			721.978			14
15					722.066	722.011	722.341			721.978			15
16					722.060	722.009	722.336						16
17					722.050	722.008	722.331		721.978				17
18					722.036	722.007	722.251		721.978				18
19					722.030	722.007	722.241	722.009		721.970			19
20					722.024	722.007	722.236						20
21	721.729				722.015	722.006	722.226						21
22					722.012	722.022	722.211						22
23					722.000	722.062	722.203						23
24					721.985	722.062	722.179						24
25					721.990	722.072	722.162	721.979					25
26					721.979	722.077	722.140	721.978					26
27					721.976	722.082	722.138						27
28					721.974	722.090	722.125						28
29					722.228	722.091	722.120	721.969					29
30					722.188	722.087	722.115	721.969					30
31					722.163	722.085	722.112						31
TOTAL					21661.566	22382.597	22389.481						TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 722.403 METRES ON AUG 11 MAX. OBSERVED WATER LEVEL 723.248 METRES ON AUG.24/76
MINIMUM OBSERVED DAILY WATER LEVEL, 721.729 METRES ON JAN 22 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 - 1982

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

REMARKS: Water levels Geodetic 1969-1973 assumed 1974-1982.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

LAC BELLEVUE NEAR ST. PAUL

STATION NO. 05ED909

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10		30.059				30.188							10
11													11
12													12
13													13
14													14
15										30.075			15
16							30.205						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 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 30.205 METRES ON JUL 16 MAX. OBSERVED WATER LEVEL 30.400 METRES ON AUG.20/79
MINIMUM OBSERVED DAILY WATER LEVEL, 30.059 METRES ON FEB 10 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 - 1982

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 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1										644.862			1
2				645.100			644.963		644.902		644.945	645.060	2
3													3
4													4
5		645.137	645.063										5
6								644.938					6
7					645.109	645.106				644.871			7
8	645.018					645.054	644.942		644.899			645.076	8
9				645.103									9
10			645.164										10
11													11
12			645.140	645.054				644.920		644.893	644.960		12
13										644.887			13
14													14
15	645.048				645.112	645.076							15
16							644.990		644.893			645.124	16
17				645.103									17
18						645.012					644.984		18
19		645.146	645.054					644.902					19
20													20
21					645.115					644.917			21
22	645.057												22
23							644.926		644.874			645.161	23
24				645.115									24
25						644.987							25
26		645.115	645.079					644.902			645.030		26
27													27
28					645.109								28
29	645.109												29
30				645.115			644.917					645.201	30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 645.201 METRES ON DEC 31 MAX. OBSERVED WATER LEVEL 645.307 METRES ON JUL 15/71
MINIMUM OBSERVED DAILY WATER LEVEL, 644.862 METRES ON OCT 1 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 - 1982

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 SAINTE NEAR ST. PAUL

STATION NO. 05ED911

DAILY WATER LEVEL IN METRES FOR 1982

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		607.274											10
11													11
12													12
13													13
14													14
15													15
16													16
17					607.392								17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26							607.422						26
27									607.329				27
28													28
29													29
30													30
31													31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 607.422 METRES ON JUL 26
MINIMUM OBSERVED DAILY WATER LEVEL, 607.274 METRES ON FEB 10
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

MAX. OBSERVED WATER LEVEL 607.978 METRES ON JUN.7/74
MIN. OBSERVED WATER LEVEL 606.738 METRES ON JUL.28/80

LAKE - STATION DESCRIPTION

STATION NAME: LAKE NEWELL near Brooks

STATION NUMBER: 05BN901

LOCATION: 17-14 - W4 - 13 miles South of Brooks at Rolling Hills
headgates.

GAUGE TYPE: None. Level established by surveying

PERIOD OF RECORD: 1979 - 1982

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 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1									765.801				1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11					767.218								11
12													12
13													13
14													14
15												766.959	15
16													16
17													17
18													18
19													19
20													20
21													21
22					767.416								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 1982

MAXIMUM OBSERVED DAILY WATER LEVEL, 767.416 METRES ON MAY 23
MINIMUM OBSERVED DAILY WATER LEVEL, 765.801 METRES ON SEP 2
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

HISTORICAL SUMMARY

MAX. OBSERVED WATER LEVEL 767.441 METRES ON MAY 12/80
MIN. OBSERVED WATER LEVEL 764.627 METRES ON APR. 25/74

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: 1981-1982

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

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

LAST LAKE NEAR WHITE LAKE

STATION NO. 07FD918

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						654.534							1
2													2
3													3
4		653.982											4
5										654.242			5
6													6
7													7
8													8
9								654.341					9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 654.534 METRES ON JUN 1
MINIMUM OBSERVED DAILY WATER LEVEL, 653.982 METRES ON FEB 4
WATER LEVELS ARE REFERRED TO GEODETIC ELEVATION

MAX. OBSERVED WATER LEVEL 654.534 METRES ON JUN. 1/82
MIN. OBSERVED WATER LEVEL 653.919 METRES ON OCT. 14/81

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 - 1982

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 1982

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		566.631				566.642							10
11													11
12													12
13													13
14													14
15													15
16							566.630						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 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 566.642 METRES ON JUN 9 MAX. OBSERVED WATER LEVEL, 567.175 METRES ON JUN.11/74
MINIMUM OBSERVED DAILY WATER LEVEL, 566.546 METRES ON OCT 14 MIN. OBSERVED WATER LEVEL, 566.468 METRES ON OCT.20/68
WATER LEVELS ARE REFERRED TO GEOCETIC SURVEY OF CANADA DATUM

LAKE - STATION DESCRIPTION

STATION NAME: LAWRENCE LAKE near Athabasca

STATION NUMBER: 07BE905

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

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1964; 1968 - 1982

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

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

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

LAURENCE LAKE NEAR ATHABASCA

STATION NO. 07DE905

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5													5
6										644.480			6
7													7
8													8
9													9
10								644.549					10
11													11
12													12
13													13
14													14
15													15
16		644.332											16
17													17
18					644.446								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 1982

MAXIMUM OBSERVED DAILY WATER LEVEL, 644.549 METRES ON AUG 10

HISTORICAL SUMMARY
MAX. OBSERVED WATER LEVEL, 645.073 METRES ON JUL. 7/71

MINIMUM OBSERVED DAILY WATER LEVEL, 644.332 METRES ON FEB 16
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

MIN. OBSERVED WATER LEVEL, 643.991 METRES ON NOV. 20/68

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 - 1982

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 1982

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										625.839			6
7													7
8													8
9													9
10								625.884					10
11													11
12													12
13													13
14													14
15													15
16		625.869											16
17													17
18					626.097								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 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 626.097 METRES ON MAY 17
MINIMUM OBSERVED DAILY WATER LEVEL, 625.839 METRES ON OCT 6
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

MAX. OBSERVED WATER LEVEL, 626.132 METRES ON JUN. 1/79
MIN. OBSERVED WATER LEVEL, 625.788 METRES ON SEP. 29/80

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 - 1982

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

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

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

LEES LAKE NEAR PINCHER CREEK

STATION NO. 05AA903

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1												28.279	1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10		28.682											10
11													11
12								28.349					12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20					28.615								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 1982

MAXIMUM OBSERVED DAILY WATER LEVEL, 28.682 METRES ON FEB 10
MINIMUM OBSERVED DAILY WATER LEVEL, 28.279 METRES ON DEC 3
WATER LEVELS ARE REFERRED TO ASSUMED DATUM

HISTORICAL SUMMARY
MAX. OBSERVED WATER LEVEL, 28.986 METRES ON JUN.23/81
MIN. OBSERVED WATER LEVEL, 29.145 METRES ON APR. 26/78

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 - 1982

HYDROGRAPHIC SURVEY MAP AVAILABLE: YES/NO

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

LESSARD LAKE NEAR GLENEVIS

STATION NO. 07DB904

DAILY WATER LEVEL IN METRES FOR 1982

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								739.624					10
11										739.587			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

739.493

739.626

739.587

739.624

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 739.626 METRES ON MAY 19

MAX. OBSERVED WATER LEVEL, 739.850 METRES ON MAY 17/74

MINIMUM OBSERVED DAILY WATER LEVEL, 739.493 METRES ON FEB 17

MIN. OBSERVED WATER LEVEL, 739.164 METRES ON OCT /69

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LAKE - STATION DESCRIPTION

STATION NAME: LITTLE BEAVER LAKE near Ferintosh

STATION NUMBER: 05FC901

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

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1971; 1973 - 1982

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

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

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

LITTLE BEAVER LAKE NEAR PERINTOSH

STATION NO. 05FC901

DAILY WATER LEVEL IN METRES FOR 1982

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

28.228

28.553

28.551

28.393

SUMMARY FOR THE YEAR 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 28.553 METRES ON MAY 19
MINIMUM OBSERVED DAILY WATER LEVEL, 28.228 METRES ON FEB 18
WATER LEVELS ARE REFERRED TO ASSUMED DATUM

MAX. OBSERVED WATER LEVEL, 28.553 METRES ON MAY 19/82
MIN. OBSERVED WATER LEVEL, 28.197 METRES ON JUL. 4/78

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 - 1982

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 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3		987.786											3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11					987.993								11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20							987.895			987.689			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 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 987.993 METRES ON MAY 11 MAX. OBSERVED WATER LEVEL, 989.710 METRES ON JUN. 11/75
MINIMUM OBSERVED DAILY WATER LEVEL, 987.689 METRES ON OCT 18 MIN. OBSERVED WATER LEVEL, 987.689 METRES ON OCT. 18/82
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

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 junction of Hwy 2 and Hwy 22X.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1980 - 1982

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

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

LLOYD LAKE NEAR PRIDDIS

STATION NO. 05BK901

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1									1129.049				1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12					1129.180								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 1982

MAXIMUM OBSERVED DAILY WATER LEVEL, 1129.180 METRES ON MAY 12
MINIMUM OBSERVED DAILY WATER LEVEL, 1129.049 METRES ON SEP 3
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

HISTORICAL SUMMARY

MAX. OBSERVED WATER LEVEL, 1129.430 METRES ON JUN.13/84
MIN. OBSERVED WATER LEVEL, 1129.049 METRES ON SEP.03/84

LAKE - STATION DESCRIPTION

STATION NAME: LONG LAKE NEAR BARRHEAD

STATION NUMBER: 07BB913

LOCATION: 31-59-6 W5

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1982

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

REMARKS: There is a dam control sturcture on east end of the lake.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

LONG LAKE NEAR BARRHEAD

STATION NO. 07BD913

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7										29.064			7
8													8
9													9
10													10
11								29.121					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 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 29.121 METRES ON AUG 11
MINIMUM OBSERVED DAILY WATER LEVEL, 29.064 METRES ON OCT 7
WATER LEVELS ARE REFERRED TO ASSUMED DATUM

MAX. OBSERVED WATER LEVEL 29.121 METRES ON Aug 11/82
MIN. OBSERVED WATER LEVEL 29.064 METRES ON Oct 7/82

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: None. Level established by surveying.

PERIOD OF RECORD: 1969 - 1982

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 1982

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

620.731

620.865

620.853

620.831

SUMMARY FOR THE YEAR 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 620.865 METRES ON JUN 7
 MINIMUM OBSERVED DAILY WATER LEVEL, 620.731 METRES ON FEB 8
 WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM
 MAX. OBSERVED WATER LEVEL, 621.121 METRES ON JUN.2/78
 MIN. OBSERVED WATER LEVEL, 620.497 METRES ON OCT. 20/72

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; 1972-1982

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 1982

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						25.853							10
11		25.755											11
12													12
13													13
14													14
15										25.374			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							25.981						31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 25.981 METRES ON JUL 29 MAX. OBSERVED WATER LEVEL, 26.286 METRES ON OCT.27/77
MINIMUM OBSERVED DAILY WATER LEVEL, 25.374 METRES ON OCT 14 MIN. OBSERVED WATER LEVEL, 25.374 METRES ON OCT.14/82
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 - 1982

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 1982

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										697.488			6
7													7
8													8
9													9
10								697.526					10
11													11
12													12
13													13
14													14
15													15
16		697.504											16
17					697.571								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 1982

MAXIMUM OBSERVED DAILY WATER LEVEL, 697.571 METRES ON MAY 17
MINIMUM OBSERVED DAILY WATER LEVEL, 697.488 METRES ON OCT 6
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

HISTORICAL SUMMARY

MAX. OBSERVED WATER LEVEL, 697.794 METRES ON JUL.8/71
MIN. OBSERVED WATER LEVEL, 696.773 METRES ON JUL.4/61

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 - 1982

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 1982

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

615.511

615.562

615.578

615.486

SUMMARY FOR THE YEAR 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 615.578 METRES ON JUL 15
MINIMUM OBSERVED DAILY WATER LEVEL, 615.486 METRES ON OCT 15
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

MAX. OBSERVED WATER LEVEL 616.196 METRES ON JUN.7/79
MIN. OBSERVED WATER LEVEL 615.472 METRES ON OCT.8/81

LAKE - STATION DESCRIPTION

STATION NAME: LOWER THERIEN LAKE near St. Paul

STATION NUMBER: 05ED906

LOCATION: 57-9-W4 - Southeast end of Lower Therien Lake,
3 1 mile West and 4 miles South of St. Paul.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1969 - 1982

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 1982

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
		634.897											
11													11
12													12
13													13
14													14
15													15
							634.926						
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 1982

MAXIMUM OBSERVED DAILY WATER LEVEL, 634.941 METRES ON JUN 8
MINIMUM OBSERVED DAILY WATER LEVEL, 634.861 METRES ON OCT 14
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

HISTORICAL SUMMARY

MAX. OBSERVED WATER LEVEL, 635.313 METRES ON OCT. 4/79
MIN. OBSERVED WATER LEVEL, 633.225 METRES ON NOV. 12/70

LAKE - STATION DESCRIPTION

STATION NAME: MAGLOIRE LAKE near Falher

STATION NUMBER: 07GJ902

LOCATION: 79-21-W5 - 10 km. north of Falher.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1980 - 1982

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

REMARKS:
There is a Ducks Unlimited Control Structure
on this lake constructed in 1979.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

MAGDOIRE LAKE NEAR FALHER

STATION NO. 076J902

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3		601.017				601.069							3
4													4
5													5
6													6
7										600.839			7
8													8
9													9
10													10
11													11
12								600.898					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 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 601.069 METRES ON JUN 3 MAX. OBSERVED WATER LEVEL 601.619 METRES ON MAY 21/81
MINIMUM OBSERVED DAILY WATER LEVEL, 600.839 METRES ON OCT 7 MIN. OBSERVED WATER LEVEL 600.839 METRES ON OCT. 7/82
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 - 1982

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

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

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

LAKEAU LAKE NEAR CLENEVIS

STATION NO. 07BD905

DAILY WATER LEVEL IN METRES FOR 1982

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										676.805			7
8													8
9													9
10								676.818					10
11													11
12													12
13													13
14													14
15													15
16		676.619											16
17													17
18													18
19					676.952								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 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 676.952 METRES ON MAY 19
MINIMUM OBSERVED DAILY WATER LEVEL, 676.619 METRES ON FEB 17
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

MAX. OBSERVED WATER LEVEL, 677.650 METRES ON MAY 17/74
MIN. OBSERVED WATER LEVEL, 676.565 METRES ON OCT. 13/81

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 - 1982

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 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1							555.283		555.312				1
2								555.360					2
3								555.360	555.307	555.253			3
4							555.313						4
5							555.334	555.358	555.302				5
6							555.339						6
7							555.344			555.248			7
8						555.331		555.348	555.299				8
9		555.010											9
10						555.332	555.345			555.243			10
11							555.341	555.337					11
12									555.292				12
13						555.333	555.340			555.238			13
14							555.338						14
15							555.355	555.321					15
16						555.320		555.321					16
17							555.356		555.286				17
18							555.364	555.320					18
19						555.311			555.282				19
20						555.310	555.349						20
21								555.308	555.277				21
22								555.304					22
23													23
24						555.296	555.358						24
25							555.360						25
26									555.267				26
27						555.294		555.288					27
28							555.346						28
29								555.285					29
30									555.253				30
31							555.341						31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 555.364 METRES ON JUL 18
MINIMUM OBSERVED DAILY WATER LEVEL, 555.010 METRES ON FEB 9
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

MAX. OBSERVED WATER LEVEL, 556.086 METRES ON JUN.12/74
MIN. OBSERVED WATER LEVEL, 554.996 METRES ON OCT.6/81

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: Staff Gauge

PERIOD OF RECORD: 1957-62; 1964 - 1982

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.

MAHJUAN LAKE NEAR LEGAL

STATION NO. 05EA911

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						698.790	698.835	698.835	698.744	698.706			1
2						698.784	698.831	698.831	698.744	698.706			2
3						698.803	698.827	698.812	698.753	698.705			3
4						698.827	698.806	698.780	698.750	698.705			4
5						698.853	698.806	698.753	698.753	698.705			5
6						698.855	698.806	698.753	698.753	698.705			6
7						698.871	698.806	698.753	698.753	698.705			7
8						698.869	698.806	698.753	698.753	698.705			8
9						698.856	698.806	698.753	698.749	698.705			9
10						698.884	698.832	698.763	698.749	698.705			10
11						698.893	698.860	698.769	698.745	698.705			11
12						698.891	698.853	698.767	698.745	698.705			12
13						698.888	698.855	698.761	698.743	698.705			13
14						698.883	698.855	698.761	698.743	698.705			14
15						698.883	698.857	698.773	698.739	698.705			15
16	698.636					698.878	698.853	698.773	698.737	698.705			16
17						698.867	698.850	698.759	698.735	698.705			17
18						698.859	698.850	698.759	698.735	698.705			18
19						698.859	698.842	698.757	698.735	698.705			19
20						698.857	698.838	698.756	698.729	698.705			20
21						698.854	698.855	698.752	698.723	698.705			21
22						698.856	698.855	698.750	698.719	698.705			22
23						698.856	698.853	698.750	698.713	698.705			23
24						698.854	698.853	698.764	698.709	698.705			24
25						698.826	698.853	698.762	698.705	698.705			25
26						698.819	698.850	698.750	698.706	698.706			26
27						698.811	698.850	698.730	698.706	698.706			27
28						698.805	698.805	698.730	698.705	698.705			28
29						698.801	698.835	698.744	698.705	698.705			29
30						698.794	698.833	698.743	698.706	698.706			30
31						698.837	698.837	698.743	698.706	698.706			31
TOTAL						21564.196			20361.981				TOTAL

MEAN
MAX
MIN

698.845
698.871
698.784

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 699.067 METRES ON MAY 17
MINIMUM OBSERVED DAILY WATER LEVEL, 698.636 METRES ON FEB 16
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM
MIN. OBSERVED WATER LEVEL 698.382 METRES ON JUL.19/68

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 - 1982

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 1976

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

MARTIN LAKE NEAR HYTHE

STATION NO. 07GE912

DAILY WATER LEVEL IN METRES FOR 1982

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		814.300											16
17													17
18													18
19													19
20										814.306			20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL					814.379								TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 814.379 METRES ON MAY 28
MINIMUM OBSERVED DAILY WATER LEVEL, 814.300 METRES ON FEB 16
WATER LEVELS ARE REFERRED TO GEODETIC ELEVATION

MAX. OBSERVED WATER LEVEL, 814.791 METRES ON AUG.24/76
MIN. OBSERVED WATER LEVEL, 814.212 METRES ON OCT.6/81

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 - 1982

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/NO

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

MATCHIANYAN LAKE NEAR STONY PLAIN

STATION NO. 05EA906

DAILY WATER LEVEL IN METRES FOR 1932

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1										679.387			1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9								679.525					9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19		679.037			678.984								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 1932

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 679.525 METRES ON AUG 9
MINIMUM OBSERVED DAILY WATER LEVEL, 678.984 METRES ON MAY 19
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM
MAX. OBSERVED WATER LEVEL, 679.817 METRES ON JUL. 22/74
MIN. OBSERVED WATER LEVEL, 678.622 METRES ON MAY 30/73

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 - 1982

HYDROGRAPHIC SURVEY MAP AVAILABLE: YES/NO

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

MEDICINE LAKE NEAR RIMDEY

STATION NO. 05CC904

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						981.197	981.267	981.304					1
2							981.284	981.291					2
3							981.292	981.296	981.344				3
4							981.363		981.350				4
5						981.173	981.462		981.405				5
						981.199							
6						981.208	981.525	981.269	981.385				6
7						981.220		981.279	981.390				7
8						981.226							8
9							981.414	981.271					9
10							981.410	981.273	981.390				10
11						981.209	981.388		981.380				11
12						981.209	981.393		981.385				12
13						981.209	981.359	981.275	981.384				13
14						981.211		981.280					14
15						981.210		981.285	981.379				15
16							981.385	981.290					16
17							981.381	981.290					17
18							981.396						18
19							981.377						19
20					981.215	981.226	981.337	981.283					20
21					981.205	981.227		981.295					21
22					981.206		981.389	981.310					22
23							981.369	981.315					23
24					981.197		981.350	981.320					24
25					981.198	981.237							25
26						981.239	981.330	981.330					26
27						981.239	981.321	981.340					27
28						981.241	981.319	981.340					28
29					981.220			981.341	981.383				29
30					981.196		981.306	981.341					30
31					981.201		981.305	981.342					31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 981.525 METRES ON JUL 6
MINIMUM OBSERVED DAILY WATER LEVEL, 981.101 METRES ON FEB 17
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

MAX. OBSERVED WATER LEVEL 981.525 METRES ON JUL.6/82
MIN. OBSERVED WATER LEVEL 980.328 METRES ON SEP.14/70

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 - 1982

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

REMARKS: Geodetic Elevation verified April 1978.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

NEE LAKE NEAR STONY PLAIN

STATION NO. 05EA912

DAILY WATER LEVEL IN METRES FOR 1982

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								733.110					10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20		732.985			733.183								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 1982

MAXIMUM OBSERVED DAILY WATER LEVEL, 733.138 METRES ON MAY 19
MINIMUM OBSERVED DAILY WATER LEVEL, 732.985 METRES ON FEB 18
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

HISTORICAL SUMMARY

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 - 1982

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 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1							970.727			970.871			1
2													2
3													3
4													4
5													5
6								970.968					6
7													7
8													8
9						970.721	970.883			970.992			9
10		970.591											10
11													11
12													12
13								970.956		970.981			13
14													14
15													15
16						970.701	970.940						16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24						970.689	970.968		970.796				24
25													25
26													26
27													27
28													28
29							970.952						29
30							970.953						30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 970.992 METRES ON OCT 9 MAX. OBSERVED WATER LEVEL 970.992 METRES ON OCT.9/82
MINIMUM OBSERVED DAILY WATER LEVEL, 970.591 METRES ON FEB 10 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 - 1982

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 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1										736.672			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		736.490											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

736.641

736.676

736.672

SUMMARY FOR THE YEAR 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 736.676 METRES ON AUG 12
MINIMUM OBSERVED DAILY WATER LEVEL, 736.490 METRES ON FEB 18
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

MAX. OBSERVED WATER LEVEL 736.676 METRES ON AUG. 12/82
MIN. OBSERVED WATER LEVEL 736.441 METRES ON OCT. 15/81

MEAN
MAX
MIN

MEAN
MAX
MIN

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 - 1982

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 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1							27.052	27.063					1
2							27.068						2
3													3
4													4
5								27.087	27.018				5
6													6
7						27.119	27.101						7
8						27.115	27.099						8
9		27.046											9
10													10
11													11
12						27.108	27.090	27.061					12
13						27.104	27.088			26.931			13
14													14
15													15
16								27.056					16
17						27.096	27.084						17
18								27.046					18
19						27.085							19
20													20
21							27.078	27.041					21
22						27.075							22
23													23
24						27.065							24
25													25
26													26
27						27.062		27.011					27
28						27.058							28
29						27.054							29
30													30
31								27.036					31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

MEAN
MAX
MIN

TOTAL
MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 27.119 METRES ON JUN 8 MAX. OBSERVED WATER LEVEL 27.414 METRES ON APR. 28/81
MINIMUM OBSERVED DAILY WATER LEVEL, 26.931 METRES ON OCT 14 MIN. OBSERVED WATER LEVEL, 26.931 METRES ON OCT.14/82
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: None. Level established by surveying.

PERIOD OF RECORD: 1969 - 1982

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 1982

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		991.378				991.472							10
11													11
12													12
13													13
14													14
15										991.543			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							991.561						TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 991.561 METRES ON JUL 29 MAX. OBSERVED WATER LEVEL 991.561 METRES ON JUL.29/82
MINIMUM OBSERVED DAILY WATER LEVEL, 991.378 METRES ON FEB 10 MIN. OBSERVED WATER LEVEL, 990.073 METRES ON MAY 8/70
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 - 1982

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 1982

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		568.386				568.414							8
9													9
10													10
11													11
12													12
13							568.362			568.241			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 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 568.414 METRES ON JUN 7
MINIMUM OBSERVED DAILY WATER LEVEL, 568.241 METRES ON OCT 13
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, 568.241 METRES ON OCT. 13/82

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 - 1982

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/~~NO~~

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

MITSUE LAKE NEAR SLAVE LAKE

STATION NO. 07EK901

DAILY WATER LEVEL IN METRES FOR 1982

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										577.702			6
7													7
8													8
9													9
10								577.785					10
11													11
12													12
13													13
14													14
15													15
16		577.469											16
17					577.623								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 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 577.785 METRES ON AUG 10
 MINIMUM OBSERVED DAILY WATER LEVEL, 577.469 METRES ON FEB 16
 WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

MAX. OBSERVED WATER LEVEL, 577.965 METRES ON MAY 23/74
 MIN. OBSERVED WATER LEVEL, 577.197 METRES ON OCT. 20/72

LAKE - STATION DESCRIPTION

STATION NAME: MONTAGNEUSE (STONY) LAKE NEAR HINES CREEK.

STATION NUMBER: 07FD920

LOCATION: 86-3-W6 At north end of dam, 29 km north of
Camfor Mill Site.

GAUGE TYPE: Staff Gauge

PERIOD OF RECORD: 1982

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

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

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

MONTAGNEUSE (STONY) LAKE NEAR HINES CREEK

STATION NO. 07FD920

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2									96.413				2
3													3
4										96.381			4
5													5
6									96.403				6
7					96.394								7
8													8
9					96.373			96.448					9
10													10
11								96.365					11
12									96.403				12
13													13
14													14
15					96.480								15
16					96.481	96.355			96.404				16
17									96.404				17
18					96.473				96.404				18
19						96.353							19
20													20
21					96.446								21
22									96.402				22
23													23
24					96.428								24
25													25
26						96.351			96.402				26
27													27
28					96.413								28
29													29
30													30
31								96.412					31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1982

MAXIMUM OBSERVED DAILY WATER LEVEL, 96.481 METRES ON JUN 16
MINIMUM OBSERVED DAILY WATER LEVEL, 96.351 METRES ON JUL 26
WATER LEVELS ARE REFERRED TO ASSUMED ELEVATION

HISTORICAL SUMMARY

MAX. OBSERVED WATER LEVEL 96.481 METRES ON JUN.16/82
MIN. OBSERVED WATER LEVEL 96.351 METRES ON JUL.26/82

LAKE - STATION DESCRIPTION

STATION NAME: MOONSHINE 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 - 1982

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

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

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

MOONSHINE LAKE AT MOONSHINE LAKE PROVINCIAL PARK

STATION NO. 07FD905

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						718.053	717.991	717.932	718.039				1
2						718.055	717.983	717.996	718.044				2
3							717.999	718.032	718.043				3
4		717.934				718.057	718.005	718.036	718.043				4
5							718.003	718.047	718.045				5
6						718.066	718.000	718.045					6
7							718.001	718.045					7
8						718.066	718.002	718.043					8
9							717.995	718.049					9
10						718.064	717.990	718.039					10
11						718.058	717.988	718.039					11
12						718.058	717.977	718.040					12
13						718.058	717.969	718.041					13
14							717.962	718.041					14
15						718.047	717.959	718.043					15
16						718.048	717.959	718.041					16
17							717.956	718.041					17
18						718.048	717.952	718.040					18
19						718.046	717.944	718.041					19
20						718.044	717.944	718.039					20
21						718.036	717.954	718.040					21
22						718.027	717.957	718.041					22
23						718.020	717.968	718.043					23
24						718.014	717.956	718.043					24
25						718.010	717.954	718.045					25
26						718.006	717.951	718.046	717.988				26
27						718.000	717.950	718.049					27
28						718.000	717.944	718.045					28
29						717.995	717.939	718.044					29
30						717.995	717.935	718.043					30
31							717.932	718.041					31
TOTAL						22257.019	22259.150						TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 718.066 METRES ON JUN 6 MAX. OBSERVED WATER LEVEL, 718.319 METRES ON MAY 29/79
MINIMUM OBSERVED DAILY WATER LEVEL, 717.932 METRES ON JUL 31 MIN. OBSERVED WATER LEVEL, 717.776 METRES ON SEP.5/80
WATER LEVELS ARE REFERRED TO GEODETIC ELEVATION

LAKE - STATION DESCRIPTION

STATION NAME: MOOSE LAKE near Bonnyville

STATION NUMBER: 06AC911

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

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1950; 1956 - 1982

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 DONNYVILLE

STATION NO. 06AC911

DAILY WATER LEVEL IN METRES FOR 1982

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

532.774

532.895

532.894

532.863

532.787

SUMMARY FOR THE YEAR 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 532.895 METRES ON JUN 8
MINIMUM OBSERVED DAILY WATER LEVEL, 532.774 METRES ON FEB 11
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

MAX. OBSERVED WATER LEVEL, 534.101 METRES ON MAY 24/66
MIN. OBSERVED WATER LEVEL, 532.745 METRES ON OCT. 6/81

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 - 1982

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 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1										730.717			1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11						730.683							11
12													12
13								730.764					13
14													14
15													15
16													16
17													17
18													18
19													19
20		730.577						730.752					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 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 730.764 METRES ON AUG 12
MINIMUM OBSERVED DAILY WATER LEVEL, 730.577 METRES ON FEB 18
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM
MAX. OBSERVED WATER LEVEL 731.118 METRES ON JULY 27/74
MIN. OBSERVED WATER LEVEL 729.094 METRES ON OCT. 21/69

LAKE - STATION DESCRIPTION

STATION NAME: MURDOCK 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 - 1982

HYDROGRAPHIC SURVEY MAP AVAILABLE:

~~YES~~/NO

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

MURDOCK LAKE NEAR DEADWOOD

STATION NO. 0711C902

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						587.221							1
2													2
3													3
4													4
5													5
6									587.084				6
7													7
8													8
9													9
10								587.175					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						587.126							27
28													28
29													29
30													30
31													31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 587.221 METRES ON JUN 2 MAX. OBSERVED WATER LEVEL, 587.694 METRES ON MAY 20/81
MINIMUM OBSERVED DAILY WATER LEVEL, 587.084 METRES ON OCT 6 MIN. OBSERVED WATER LEVEL, 587.084 METRES ON OCT.6/82
WATER LEVELS ARE REFERRED TO GEODETIC ELEVATION

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 - 1982

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

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

HAKANUM LAKE NEAR ONDIAJ

STATION NO. 07BB906

DAILY WATER LEVEL IN METRES FOR 1982

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								682.466					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

682.280

682.497

682.389

SUMMARY FOR THE YEAR 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 682.497 METRES ON MAY 19
MINIMUM OBSERVED DAILY WATER LEVEL, 682.280 METRES ON FEB 17
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

MAX. OBSERVED WATER LEVEL, 683.078 METRES ON JUL. 19/74
MIN. OBSERVED WATER LEVEL, 682.103 METRES ON SEP. 13/68

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 - 1982

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

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

NORTH DUCK LAKE NEAR CASLAN

STATION NO. 06AA913

DAILY WATER LEVEL IN METRES FOR 1982

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

608.913

608.946

608.898

608.807

SUMMARY FOR THE YEAR 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 608.946 METRES ON JUN 7
MINIMUM OBSERVED DAILY WATER LEVEL, 608.807 METRES ON OCT 13
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

MAX. OBSERVED WATER LEVEL 609.213 METRES ON SEP.12/78
MIN. OBSERVED WATER LEVEL 608.500 METRES ON OCT.3/68

MEAN
MAX
MIN

MEAN
MAX
MIN

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 - 1982

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 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1										1055.192			1
2													2
3									1055.213				3
4													4
5							1055.386						5
6								1055.313					6
7													7
8													8
9										1055.207			9
10	1054.949				1055.214	1055.457			1055.212				10
11													11
12													12
13								1055.231		1055.199			13
14													14
15													15
16							1055.479						16
17								1055.212					17
18													18
19								1055.213					19
20													20
21													21
22													22
23							1055.386						23
24								1055.184					24
25						1055.138							25
26													26
27								1055.218					27
28							1055.334						28
29							1055.373						29
30													30
31													31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 1055.479 METRES ON JUL 16
MINIMUM OBSERVED DAILY WATER LEVEL, 1054.949 METRES ON FEB 10
WATER LEVELS ARE REFERRED TO GEODETIC ELEVATION

MAX. OBSERVED WATER LEVEL 1055.479 METRES ON JUL. 16/82
MIN. OBSERVED WATER LEVEL 1054.568 METRES ON MAY 28/75

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 - 1982

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 1982

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								692.763					10
11													11
12													12
13													13
14													14
15													15
16													16
17					692.691								17
18													18
19													19
20					692.795								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 1982

MAXIMUM OBSERVED DAILY WATER LEVEL, 692.795 METRES ON MAY 19
MINIMUM OBSERVED DAILY WATER LEVEL, 692.691 METRES ON FEB 17
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

HISTORICAL SUMMARY
MAX. OBSERVED WATER LEVEL 693.490 METRES ON JUL. 24/74
MIN. OBSERVED WATER LEVEL 692.605 METRES ON OCT. 14/81

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 - 1982

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 1982

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

757.101

757.216

757.199

757.112

SUMMARY FOR THE YEAR 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 757.216 METRES ON MAY 20
 MINIMUM OBSERVED DAILY WATER LEVEL, 757.101 METRES ON FEB 18
 WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM
 MAX. OBSERVED WATER LEVEL, 757.367 METRES ON JUL.17/74
 MIN. OBSERVED WATER LEVEL, 757.078 METRES ON OCT. 14/81

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 - 1982

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

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

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

OUTPOST LAKE AT POLICE OUTPOST PARK

STATION NO. 05AE902

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1								1379.238					1
2													2
3													3
4													4
5							1379.375		1379.101	1379.070			5
6													6
7													7
8													8
9								1379.207				1379.037	9
10													10
11							1379.345						11
12									1379.070	1379.067			12
13													13
14													14
15								1379.117					15
16		1379.101											16
17							1379.314						17
18													18
19									1379.040				19
20													20
21													21
22													22
23													23
24													24
25							1379.284						25
26													26
27									1379.040				27
28													28
29													29
30													30
31													31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1982

MAXIMUM OBSERVED DAILY WATER LEVEL, 1379.375 METRES ON JUL 4
MINIMUM OBSERVED DAILY WATER LEVEL, 1379.037 METRES ON DEC 7
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

HISTORICAL SUMMARY
MAX. OBSERVED WATER LEVEL, 1379.650 METRES ON JUL. 1/77
MIN. OBSERVED WATER LEVEL, 1379.007 METRES ON APR. 15/78

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 - 1982

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

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

PAKOMKI LAKE NEAR MEDICINE HAT

STATION NO. 05AF902

DAILY WATER LEVEL IN METRES FOR 1982

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								27.804					6
7													7
8												28.106	8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19					28.285								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 1982

MAXIMUM OBSERVED DAILY WATER LEVEL, 28.285 METRES ON MAY 19
MINIMUM OBSERVED DAILY WATER LEVEL, 27.804 METRES ON AUG 6
WATER LEVELS ARE REFERRED TO ASSUMED DATUM

HISTORICAL SUMMARY

MAX OBSERVED WATER LEVEL 28.849 METRES ON MAY 02/79
MIN. OBSERVED WATER LEVEL 27.639 METRES ON JUN.29.77

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 - 1982

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 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1									941.201				1
2													2
3													3
4								940.903	941.018				4
5													5
6					940.507	941.214							6
7													7
8													8
9													9
10								941.049					10
11					940.903				940.750				11
12						940.964						940.381	12
13					940.263								13
14								941.208					14
15													15
16													16
17													17
18													18
19							941.055						19
20								941.131					20
21					940.848								21
22						941.336							22
23													23
24													24
25													25
26					940.842		940.781						26
27													27
28						941.177							28
29													29
30													30
31								941.177					31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1982

MAXIMUM OBSERVED DAILY WATER LEVEL, 941.336 METRES ON JUN 23
MINIMUM OBSERVED DAILY WATER LEVEL, 940.263 METRES ON MAY 14
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

HISTORICAL SUMMARY

MAX. OBSERVED WATER LEVEL, 941.329 METRES ON JUN. 21.75
MIN. OBSERVED WATER LEVEL, 940.107 METRES ON OCT. 26/79

LAKE - STATION DESCRIPTION

STATION NAME: PEANUT LAKE near Barrhead

STATION NUMBER: 07BB908

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

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1969 - 1982

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

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

PEANUT LAKE NEAR BARRHEAD

STATION NO. 07DB908

DAILY WATER LEVEL IN METRES FOR 1982

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										642.243			7
8													8
9													9
10						642.366							10
11													11
12								642.341					12
13													13
14													14
15													15
16													16
17		642.311											17
18					642.364								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

HISTORICAL SUMMARY

SUMMARY FOR THE YEAR 1982
MAXIMUM OBSERVED DAILY WATER LEVEL, 642.366 METRES ON JUN 10
MINIMUM OBSERVED DAILY WATER LEVEL, 642.243 METRES ON OCT 7
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

MAX. OBSERVED WATER LEVEL 642.525 METRES ON JUL. 19/74
MIN. OBSERVED WATER LEVEL 641.939 METRES ON FEB. 26/70

MEAN
MAX
MIN

LAKE - STATION DESCRIPTION

STATION NAME: PEERLESS LAKE NEAR PEERLESS LAKE

STATION NUMBER: 07JB901

LOCATION: 88-4-W5 At AFS campsite 5 km south of Peerless Lake settlement, 80 km east of Red Earth.

GAUGE TYPE: Staff Gauge.

PERIOD OF RECORD: 1982

HYDROGRAPHIC SURVEY MAP AVAILABLE: YES/NO

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

PEERLESS LAKE NEAR PEERLESS LAKE

STATION NO. 07JB901

DAILY WATER LEVEL IN METRES FOR 1982

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										97.655			6
7													7
8													8
9													9
10													10
11													11
12													12
13							97.721						13
14													14
15													15
16													16
17													17
18													18
19								97.703					19
20													20
21													21
22													22
23													23
24								97.704					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 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 97.721 METRES ON JUL 13
MINIMUM OBSERVED DAILY WATER LEVEL, 97.655 METRES ON OCT 6
WATER LEVELS ARE REFERRED TO ASSUMED ELEVATION

MAX. OBSERVED WATER LEVEL, 97.721 METRES ON JUL.13/82
MIN. OBSERVED WATER LEVEL, 97.655 METRES ON OCT.6/82

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 - 1982

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 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7										29.865			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

29.212

29.282

29.601

29.865

TOTAL

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 29.865 METRES ON OCT 7
MINIMUM OBSERVED DAILY WATER LEVEL, 29.212 METRES ON FEB 17
WATER LEVELS ARE REFERRED TO ASSUMED DATUM

MAX. OBSERVED WATER LEVEL, 30.159 METRES ON OCT.4/78
MIN. OBSERVED WATER LEVEL, 29.212 METRES ON FEB.17/82

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 - 1982

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

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

PIERRE GREY LAKE (FLOWER) NEAR MUSKEG

STATION NO. 07GA902

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1								1253.113					1
2								1253.113					2
3								1253.113					3
4								1253.111					4
5													5
6													6
7													7
8		1252.935				1253.001							8
9						1253.002							9
10						1253.003							10
11										1253.064			11
12													12
13													13
14													14
15						1252.992		1253.172					15
16								1253.168					16
17													17
18													18
19													19
20								1253.163					20
21						1253.006		1253.163					21
22						1253.007							22
23						1253.006							23
24													24
25													25
26													26
27						1253.003	1253.124	1253.146					27
28						1253.009		1253.146					28
29						1253.008		1253.142					29
30													30
31							1253.113						31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 1253.172 METRES ON AUG 13
MINIMUM OBSERVED DAILY WATER LEVEL, 1252.935 METRES ON FEB 8
WATER LEVELS ARE REFERRED TO GEODETIC ELEVATION

MAX. OBSERVED WATER LEVEL, 1253.307 METRES ON SEP.6/73
MIN. OBSERVED WATER LEVEL, 1252.880 METRES ON MAR.15/7

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 - 1982

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 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1								1259.436					1
2								1259.433					2
3								1259.434					3
4													4
5													5
6													6
7													7
8		1259.327				1259.349							8
9						1259.345							9
10						1259.345							10
11										1259.408			11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20								1259.369					20
21						1259.346		1259.370					21
22						1259.345		1259.369					22
23						1259.345		1259.369					23
24						1259.345		1259.369					24
25													25
26						1259.345		1259.362					26
27						1259.344		1259.360					27
28						1259.344		1259.360					28
29						1259.344							29
30													30
31							1259.436						31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 1259.455 METRES ON JUL 27 MAX. OBSERVED WATER LEVEL, 1259.592 METRES ON AUG.4/77
 MINIMUM OBSERVED DAILY WATER LEVEL, 1259.327 METRES ON FEB 8 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 - 1982

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

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

PIERRE GREY LAKE (UPPER) NEAR MUSKEG

STATION NO. 07GA9004

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1								1263.223					1
2								1263.223					2
3								1263.223					3
4								1263.222					4
5													5
6							1263.224						6
7							1263.224						7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 1263.366 METRES ON OCT 11
 MINIMUM OBSERVED DAILY WATER LEVEL, 1263.071 METRES ON FEB 8
 WATER LEVELS ARE REFERRED TO GEODETIC ELEVATION

MAX. OBSERVED WATER LEVEL, 1263.478 METRES ON AUG.4/77
 MIN. OBSERVED WATER LEVEL, 1262.570 METRES ON MAY 19/77

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 - 1982

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 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1							850.267	850.401	850.291				1
2													2
3													3
4													4
5						850.329		850.389					5
6								850.395					6
7													7
8													8
9													9
10						850.303	850.461						10
11						850.293	850.453						11
12										850.291			12
13													13
14													14
15										850.233			15
16						850.279	850.443						16
17		850.238				850.279							17
18						850.233	850.433						18
19					850.353	850.279			850.253				19
20													20
21	850.094					850.273							21
22													22
23													23
24			850.245				850.423						24
25							850.418						25
26													26
27													27
28							850.422						28
29							850.428						29
30									850.230				30
31						850.267							31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1982

MAXIMUM OBSERVED DAILY WATER LEVEL, 850.461 METRES ON JUL 9
MINIMUM OBSERVED DAILY WATER LEVEL, 850.094 METRES ON JAN 22
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

HISTORICAL SUMMARY

MAX. OBSERVED WATER LEVEL 850.653 METRES ON AUG. 2/81
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 - 1982

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 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						889.493	889.393		889.313				1
2						889.483	889.393	889.343	889.303				2
3		889.323				889.473	889.403						3
4						889.513	889.403						4
5						889.513	889.413	889.343	889.322				5
6						889.513	889.423						6
7						889.513	889.423	889.333					7
8						889.503	889.423	889.333					8
9						889.503	889.413						9
10						889.513	889.403	889.323	889.302				10
11						889.513							11
12					889.474	889.503	889.403		889.343				12
13						889.503	889.393						13
14						889.503	889.383	889.353					14
15						889.493			889.272				15
16						889.483	889.373	889.333					16
17						889.463	889.363						17
18						889.443	889.343	889.323					18
19						889.443		889.323		889.231			19
20							889.323						20
21						889.433	889.365	889.313					21
22						889.423	889.343	889.303					22
23						889.403	889.343						23
24						889.393		889.293					24
25							889.333	889.303					25
26						889.393							26
27						889.403	889.343						27
28						889.403		889.308					28
29							889.343						29
30					889.513	889.393	889.343						30
31					889.503		889.343						31
					889.493		889.343						
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 889.513 METRES ON MAY 29
MINIMUM OBSERVED DAILY WATER LEVEL, 889.231 METRES ON OCT 19
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

MAX. OBSERVED WATER LEVEL, 889.513 METRES ON MAY 29/82
MIN. OBSERVED WATER LEVEL, 888.562 METRES ON NOV.15/67

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 - 1982

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 1982

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		588.247				588.330							10
11													11
12													12
13							588.333						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 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 588.333 METRES ON JUL 13
MINIMUM OBSERVED DAILY WATER LEVEL, 588.210 METRES ON OCT 13
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, 588.210 METRES ON OCT.13/82

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 - 1982

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

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

RAT LAKE NEAR DONNELLY

STATION NO. 076H905

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1		616.043				616.210							1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9										616.032			9
10													10
11													11
12								616.105					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 1982

MAXIMUM OBSERVED DAILY WATER LEVEL, 616.210 METRES ON JUN 3
MINIMUM OBSERVED DAILY WATER LEVEL, 616.032 METRES ON OCT 7
WATER LEVELS ARE REFERRED TO GEODETIC ELEVATION

HISTORICAL SUMMARY

MAX. OBSERVED WATER LEVEL 616.452 METRES ON MAY 21/81
MIN. OBSERVED WATER LEVEL 616.024 METRES ON OCT. 15/81

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 - 1982

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 1982

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

770.764

770.868

770.927

770.838

SUMMARY FOR THE YEAR 1982

MAXIMUM OBSERVED DAILY WATER LEVEL, 770.927 METRES ON JUL 27
MINIMUM OBSERVED DAILY WATER LEVEL, 770.764 METRES ON FEB 18
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

HISTORICAL SUMMARY

MAX. OBSERVED WATER LEVEL, 771.592 METRES ON MAY 22/75
MIN. OBSERVED WATER LEVEL, 769.672 METRES ON NOV. 10/67

MEAN
MAX
MIN

MEAN
MAX
MIN

LAKE - STATION DESCRIPTION

STATION NAME: RIBSTONE LAKE NEAR WAINWRIGHT

STATION NUMBER: 05FD903

LOCATION: 44-5-W4

GAUGE TYPE: Staff Gauge

PERIOD OF RECORD: 1982

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

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

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

RIBSTONE LAKE NEAR WAINWRIGHT

STATION NO. 05FD903

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1							644.603		644.317				1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10								644.350	644.561				10
11													11
12					644.911								12
13													13
14													14
15													15
16					644.942								16
17					644.942	644.759				644.314			17
18					645.002								18
19						644.698			644.286				19
20							644.445						20
21				644.759									21
22					645.124								22
23													23
24						644.634							24
25							644.411						25
26													26
27													27
28													28
29													29
30				644.820	645.033				644.283				30
31					645.002								31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 645.124 METRES ON MAY 22
MINIMUM OBSERVED DAILY WATER LEVEL, 644.283 METRES ON SEP 30
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LAKE - STATION DESCRIPTION

STATION NAME: ROCK LAKE near Hinton

STATION NUMBER: 07AC905

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

GAUGE TYPE: Staff Gauge

PERIOD OF RECORD: 1968; 1971 - 1982

HYDROGRAPHIC SURVEY MAP AVAILABLE: YES/NO

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

ROCK LAKE NEAR HINTON

STATION NO. 07AC905

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1								28.995		28.778			1
2								28.999	28.777	28.782			2
3								29.007	28.790	28.784			3
4							29.426		28.810				4
5													5
6								28.931	28.818				6
7								28.923					7
8						28.899		28.907		28.760			8
9		28.577						28.899		28.756			9
10							29.225	28.899	28.816				10
11													11
12						29.213	29.112	28.871	28.806	28.764			12
13						29.215	29.074	28.867	28.808				13
14						29.214		28.873	28.806				14
15													15
16							29.112	28.871					16
17							29.223						17
18							29.211		28.766				18
19						29.155	29.175	28.833	28.764				19
20						29.195		28.823					20
21									28.764				21
22							29.032	28.819					22
23							29.026	28.813					23
24								28.811	28.750				24
25						29.132	29.030		28.754				25
26							29.090	29.021	28.760				26
27								28.811					27
28						29.318	28.942	28.811	28.784				28
29								28.809					29
30							28.993	28.807					30
31							29.003	28.807					31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 29.426 METRES ON JUL 4
MINIMUM OBSERVED DAILY WATER LEVEL, 28.577 METRES ON FEB 9
WATER LEVELS ARE REFERRED TO ASSUMED ELEVATION
MAX. OBSERVED WATER LEVEL 29.426 METRES ON JUL. 4/82
MIN. OBSERVED WATER LEVEL 28.577 METRES ON FEB. 9/82

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 - 1982

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 1982

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												1322.402	6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17					1322.722								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 1982

MAXIMUM OBSERVED DAILY WATER LEVEL, 1322.722 METRES ON MAY 17
MINIMUM OBSERVED DAILY WATER LEVEL, 1322.402 METRES ON DEC 7
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

HISTORICAL SUMMARY

MAX. OBSERVED WATER LEVEL 1323.143 METRES ON JUN 06/80
MIN. OBSERVED WATER LEVEL 1322.311 METRES ON NOV.05/79

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LAKE - STATION DESCRIPTION

STATION NAME: SAM LAKE NEAR IRVINE

STATION NUMBER: Q5AH910

LOCATION: 14-2-W4

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1982

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

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

SAM LAKE NEAR IRVINE

STATION NO. 05AII910

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1												721.050	1
2													2
3													3
4													4
5													5
6													6
7					721.294								7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15						721.282							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 1982

MAXIMUM OBSERVED DAILY WATER LEVEL, 721.294 METRES ON MAY 7
MINIMUM OBSERVED DAILY WATER LEVEL, 721.050 METRES ON DEC 1
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

HISTORICAL SUMMARY

MAX. OBSERVED WATER LEVEL, 721.294 METRES ON MAY 7/82
MIN. OBSERVED WATER LEVEL, 721.050 METRES ON DEC. 1/82

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 - 1982

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

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

SAMSON LAKE NEAR HOBBEEMA

STATION NO. 05FA910

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1					773.249								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		772.046			772.504								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

SUMMARY FOR THE YEAR 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 773.515 METRES ON APR 29 MAX. OBSERVED WATER LEVEL 773.515 METRES ON APR. 29/82
MINIMUM OBSERVED DAILY WATER LEVEL, 772.046 METRES ON FEB 18 MIN. OBSERVED WATER LEVEL, 771.629 METRES ON OCT. 3/75
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LAKE - STATION DESCRIPTION

STATION NAME: SANDY LAKE near Morinville

STATION NUMBER: 05EA914

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

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1959; 1961; 1963 - 1982

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 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5										697.647			5
6													6
7													7
8													8
9													9
10								697.633					10
11													11
12													12
13													13
14													14
15													15
16													16
17		697.585											17
18													18
19													19
20					697.627								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 1982

MAXIMUM OBSERVED DAILY WATER LEVEL, 697.647 METRES ON OCT 5
MINIMUM OBSERVED DAILY WATER LEVEL, 697.585 METRES ON FEB 17
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

HISTORICAL SUMMARY

MAX. OBSERVED WATER LEVEL, 698.062 METRES ON JUL.19/74
MIN. OBSERVED WATER LEVEL, 696.764 METRES ON SEP.25/70

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 - 1982

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 TIJO HILLS

STATION NO. 05ED905

DAILY WATER LEVEL IN METRES FOR 1982

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		628.578											15
16													16
17					628.677								17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27							628.669						27
28													28
29									628.556				29
30													30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1982

MAXIMUM OBSERVED DAILY WATER LEVEL, 628.677 METRES ON MAY 17
MINIMUM OBSERVED DAILY WATER LEVEL, 628.556 METRES ON SEP 27
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

HISTORICAL SUMMARY

MAX. OBSERVED WATER LEVEL, 629.260 METRES ON JUN.2/75
MIN. OBSERVED WATER LEVEL, 627.428 METRES ON OCT./69

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 - 1982

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 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1							903.631		903.593	903.599			1
2													2
3													3
4													4
5													5
6								903.612					6
7													7
8													8
9													9
10		903.523				903.584	903.738		903.593	903.593			10
11													11
12													12
13								903.588		903.586			13
14													14
15													15
16							903.716						16
17										903.594			17
18						903.544							18
19								903.596					19
20													20
21													21
22													22
23							903.677			903.590			23
24						903.518							24
25													25
26													26
27								903.595					27
28							903.657						28
29							903.622						29
30													30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 903.738 METRES ON JUL 9 MAX. OBSERVED WATER LEVEL 903.769 METRES ON JUN.2/77
MINIMUM OBSERVED DAILY WATER LEVEL, 903.518 METRES ON JUN 25 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 - 1982

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 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1					711.391					711.397			1
2					711.391					711.393			2
3					711.391					711.393			3
4										711.392			4
5								711.466					5
6						711.413		711.481		711.390			6
7						711.414		711.492		711.390			7
8						711.414		711.492		711.385			8
9						711.384		711.482		711.384			9
10						711.386		711.302		711.384			10
11						711.386		711.298		711.383			11
12						711.379		711.280		711.458			12
13						711.386				711.382			13
14						711.386		711.312					14
15						711.379		711.377		711.446			15
16						711.379				711.441			16
17						711.361				711.441			17
18										711.445			18
19										711.440			19
20	711.202					711.351		711.457		711.377			20
21						711.351							21
22						711.351		711.457		711.440			22
23						711.351		711.455		711.412			23
24								711.462		711.418			24
25						711.341				711.425			25
26													26
27						711.319		711.362		711.419			27
28						711.317		711.358		711.410			28
29						711.317		711.350		711.410			29
30						711.317		711.348		711.415			30
31						711.309				711.394			31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 711.492 METRES ON AUG 7
MINIMUM OBSERVED DAILY WATER LEVEL, 711.202 METRES ON JAN 20
WATER LEVELS ARE REFERRED TO GEODETIC ELEVATION

MAX. OBSERVED WATER LEVEL, 711.766 METRES ON MAY 10/77
MIN. OBSERVED WATER LEVEL, 709.270 METRES ON SEP.10/57

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 - 1982

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 1982

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										737.643			6
7													7
8													8
9													9
10													10
11								737.700					11
12													12
13													13
14													14
15													15
16													16
17		737.603											17
18													18
19					737.676								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 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 737.700 METRES ON AUG 11
MINIMUM OBSERVED DAILY WATER LEVEL, 737.603 METRES ON FEB 17
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

MAX. OBSERVED WATER LEVEL, 737.829 METRES ON AUG.13/79
MIN. OBSERVED WATER LEVEL, 737.171 METRES ON NOV.6/70

LAKE - STATION DESCRIPTION

STATION NAME: SEVERN RESERVOIR NEAR STANDARD

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 - 1982

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 NEAR STANDARD

STATION NO. 05CE903

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1									860.542				1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11		860.344											11
12													12
13													13
14													14
15					860.755	860.710	860.755		860.664		860.633		15
16													16
17													17
18										860.603			18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28							860.755		860.618				28
29													29
30													30
31													31
TOTAL				860.755	860.755	860.725		860.694		860.603		860.633	TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1982

MAXIMUM OBSERVED DAILY WATER LEVEL, 860.755 METRES ON APR 30
MINIMUM OBSERVED DAILY WATER LEVEL, 860.344 METRES ON FEB 11
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

HISTORICAL SUMMARY

MAX. OBSERVED WATER LEVEL 860.770 METRES ON JUN.28.81
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 - 1982

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 1982

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												1246.370	6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16		1246.446											16
17					1246.766								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 1982

MAXIMUM OBSERVED DAILY WATER LEVEL, 1246.766 METRES ON MAY 17
MINIMUM OBSERVED DAILY WATER LEVEL, 1246.370 METRES ON DEC 7
WATER LEVELS ARE REFERRED TO JEODETIC SURVEY OF CANADA DATUM

HISTORICAL SUMMARY

MAX. OBSERVED WATER LEVEL, 1246.861 METRES ON APR. 18/75
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 - 1982

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

REMARKS: Geodetic elevation established 1982.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

SHININGBANK LAKE NEAR PEERS

STATION NO. 07AG904

DAILY WATER LEVEL IN METRES FOR 1982

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						833.920		834.207					10
11		833.925											11
12													12
13													13
14													14
15													15
16										834.024			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							834.293						31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 834.293 METRES ON JUL 30 MAX. OBSERVED WATER LEVEL, 834.293 METRES ON JUL. 30/82
MINIMUM OBSERVED DAILY WATER LEVEL, 833.920 METRES ON JUN 10 MIN. OBSERVED WATER LEVEL, 833.428 METRES ON JAN. 20/75
WATER LEVELS ARE REFERRED TO GEODETIC 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 - 1982

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 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3		29.212			29.250								3
4													4
5								29.502	29.500				5
6													6
7													7
8												29.473	8
9													9
10													10
11					29.320								11
12													12
13													13
14													14
15													15
16													16
17							29.460						17
18													18
19									29.422	29.542			19
20							29.492						20
21													21
22													22
23													23
24													24
25						29.523							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 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 29.542 METRES ON OCT 18
 MINIMUM OBSERVED DAILY WATER LEVEL, 29.212 METRES ON FEB 3
 WATER LEVELS ARE REFERRED TO ASSUMED DATUM

MAX. OBSERVED WATER LEVEL 29.665 METRES ON MAY 27/80
 MIN. OBSERVED WATER LEVEL 29.212 METRES ON FEB. 3/80

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 - 1982

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

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

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

SINCLAIR LAKE NEAR HYTHE

STATION NO. 07GD902

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1		791.061											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										790.973			20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL					791.094								TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 791.094 METRES ON MAY 28
MINIMUM OBSERVED DAILY WATER LEVEL, 790.973 METRES ON OCT 20
WATER LEVELS ARE REFERRED TO GEODETIC ELEVATION

MAX. OBSERVED WATER LEVEL, 791.465 METRES ON AUG.24/76
MIN. OBSERVED WATER LEVEL, 790.804 METRES ON NOV.10/78

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: Staff Gauge

PERIOD OF RECORD: 1965 - 1982

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

REMARKS: Geodetic Elevation verified April 1978.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

SKELETON LAKE NEAR DOYLE

STATION NO. 06AA914

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2							623.469	623.482	623.453				2
3													3
4								623.496	623.449				4
5													5
6													6
7						623.497	623.476	623.492					7
8		623.463					623.477	623.488					8
9						623.490		623.484					9
10													10
11						623.491							11
12						623.491							12
13						623.492	623.471					623.367	13
14						623.490							14
15								623.486					15
16						623.483	623.491	623.486					16
17						623.483	623.491	623.484					17
18													18
19								623.474					19
20													20
21						623.477	623.469						21
22						623.469							22
23								623.472					23
24						623.456	623.493	623.468					24
25													25
26							623.493	623.462					26
27						623.451	623.493	623.456					27
28						623.449	623.494						28
29						623.448	623.492	623.457					29
30								623.459					30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 623.497 METRES ON JUN 7
MINIMUM OBSERVED DAILY WATER LEVEL, 623.367 METRES ON OCT 13
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

MAX. OBSERVED WATER LEVEL, 623.846 METRES ON JUL.23/74
MIN. OBSERVED WATER LEVEL, 623.155 METRES ON SEP.11/68

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 - 1982

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. 076G902

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						837.053	837.230	837.167					1
2						837.059	837.265	837.167					2
3						837.129		837.182					3
4						837.234		837.192					4
5						837.358	837.436						5
6							837.428	837.190					6
7							837.412						7
8							837.358						8
9							837.341						9
10						837.123	837.423						10
11	837.031					837.123	837.378	837.295					11
12						837.111	837.350	837.250					12
13						837.103		837.247					13
14						837.101		837.236		837.221			14
15							837.428						15
16							837.605	837.234					16
17						837.083	837.630						17
18						837.081	837.615						18
19						837.079	837.590	837.207					19
20						837.074		837.192					20
21						837.073		837.197					21
22							837.463	837.192					22
23							837.433	837.187					23
24						837.061	837.418						24
25						837.061	837.392						25
26						837.057	837.348	837.167					26
27						837.057		837.162					27
28						837.053		837.155					28
29							837.268	837.155					29
30							837.249						30
31							837.223	837.162					31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 837.630 METRES ON JUL 17
MINIMUM OBSERVED DAILY WATER LEVEL, 837.031 METRES ON FEB 11
WATER LEVELS ARE REFERRED TO GEODETIC ELEVATION

MAX. OBSERVED WATER LEVEL, 837.630 METRES ON JUL. 17/82
MIN. OBSERVED WATER LEVEL, 836.710 METRES ON JAN. 31/78

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 - 1982

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 WARSPIE

STATION NO. 05EC902

DAILY WATER LEVEL IN METRES FOR 1982

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 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 636.636 METRES ON JUN 16
MINIMUM OBSERVED DAILY WATER LEVEL, 636.483 METRES ON OCT 15
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 - 1982

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

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

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

SNIFE LAKE NEAR VALLEYVIEW

STATION NO. 076H901

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1							742.208		742.610	742.578			1
2							742.208	742.456	742.610				2
3							742.210	742.606	742.610	742.576			3
4							742.301	742.618	742.608				4
5							742.301	742.642	742.608				5
6							742.299	742.650	742.604				6
7							742.293	742.656	742.610	742.532			7
8							742.293	742.650	742.612				8
9							742.293	742.658					9
10							742.293	742.652					10
11							742.291	742.642	742.614				11
12							742.289	742.648	742.612				12
13							742.289	742.648	742.606				13
14							742.285	742.636	742.602				14
15							742.282	742.640	742.600				15
16							742.278	742.640	742.598				16
17							742.276	742.640	742.596				17
18							742.274	742.636	742.596				18
19							742.270	742.634	742.582				19
20							742.266	742.632	742.580				20
21							742.260	742.628					21
22							742.254	742.626					22
23							742.248	742.624					23
24							742.238	742.632					24
25							742.238	742.634					25
26							742.234	742.628					26
27							742.226	742.626					27
28							742.220	742.624					28
29							742.218	742.622					29
30							742.210	742.616					30
31							742.210	742.614					31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 742.658 METRES ON AUG 9 MAX. OBSERVED WATER LEVEL 743.207 METRES ON JUL.12/77
MINIMUM OBSERVED DAILY WATER LEVEL, 742.208 METRES ON JUL 1 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 - 1982

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 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4		DRY											4
5													5
6													6
7													7
8													8
9													9
10													10
11					DRY								11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20							DRY						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 1982

MAXIMUM OBSERVED DAILY WATER LEVEL, ***** METRES ON FEB 3

HISTORICAL SUMMARY

MINIMUM OBSERVED DAILY WATER LEVEL, DRY ON FEB 3
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

MAX. OBSERVED WATER LEVEL 657.368 METRES ON MAY 20/76
MIN. OBSERVED WATER LEVEL DRY ON SEVERAL OCCASIONS

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 - 1982

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 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5										723.987			5
6													6
7													7
8													8
9								724.005					9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19		723.861			724.038								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 1982

MAXIMUM OBSERVED DAILY WATER LEVEL, 724.038 METRES ON MAY 19
MINIMUM OBSERVED DAILY WATER LEVEL, 723.861 METRES ON FEB 18
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

HISTORICAL SUMMARY

MAX. OBSERVED WATER LEVEL 726.351 METRES ON OCT./39
MIN. OBSERVED WATER LEVEL 722.989 METRES ON MAY 21/68

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 - 1982

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 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1								27.734					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					27.627								TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1982

MAXIMUM OBSERVED DAILY WATER LEVEL, 27.734 METRES ON AUG 5
MINIMUM OBSERVED DAILY WATER LEVEL, 27.627 METRES ON MAY 28
WATER LEVELS ARE REFERRED TO ASSUED DATUM

HISTORICAL SUMMARY

MAX. OBSERVED WATER LEVEL, 27.950 METRES ON MAY 26/78
MIN. OBSERVED WATER LEVEL, 27.142 METRES ON SEP. 30/81

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 - 1982

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 1982

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		28.473				28.527							8
9													9
10													10
11													11
12													12
13							28.491					28.321	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 1982

MAXIMUM OBSERVED DAILY WATER LEVEL, 28.527 METRES ON JUN 7
MINIMUM OBSERVED DAILY WATER LEVEL, 28.321 METRES ON OCT 13
WATER LEVELS ARE REFERRED TO ASSUMED DATUM

HISTORICAL SUMMARY

MAX. OBSERVED WATER LEVEL 29.078 METRES ON JUN.6/74
MIN. OBSERVED WATER LEVEL 27.798 METRES ON MAR.13/74

LAKE - STATION DESCRIPTION

STATION NAME: STAPLEHURST LAKE near Lloyminster

STATION NUMBER: 05EF901

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

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1969; 1971 - 1982

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

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

STAPLEHURST LAKE NEAR LLOYDMINSTER

STATION NO. 05EF901

DAILY WATER LEVEL IN METRES FOR 1982

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		646.203											16
17					646.305								17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

646.213

SUMMARY FOR THE YEAR 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 646.305 METRES ON MAY 17
 MINIMUM OBSERVED DAILY WATER LEVEL, 646.203 METRES ON FEB 16
 WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA
 MAX. OBSERVED WATER LEVEL, 647.932 METRES ON MAY 16/72
 MIN. OBSERVED WATER LEVEL, 646.203 METRES ON FEB 16/82

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 - 1982

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 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5										738.293			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

737.990

738.228

738.318

738.293

TOTAL
MEAN
MAX
MIN

TOTAL
MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 738.318 METRES ON AUG 12
MINIMUM OBSERVED DAILY WATER LEVEL, 737.990 METRES ON FEB 18
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

MAX. OBSERVED WATER LEVEL, 738.318 METRES ON AUG.12/82
MIN. OBSERVED WATER LEVEL, 736.747 METRES ON OCT.5/70

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 - 1982

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. 05DBD901

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4		29.513											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										29.501			19
20													20
21							29.584						21
22													22
23													23
24													24
25													25
26					29.545								26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1982

MAXIMUM OBSERVED DAILY WATER LEVEL, 29.584 METRES ON JUL 21
MINIMUM OBSERVED DAILY WATER LEVEL, 29.501 METRES ON OCT 19
WATER LEVELS ARE REFERRED TO ASSUMED DATUM

HISTORICAL SUMMARY

MAX. OBSERVED WATER LEVEL, 29.693 METRES ON AUG. 12/81
MIN. OBSERVED WATER LEVEL, 29.297 METRES ON OCT. 18/79

LAKE - STATION DESCRIPTION

STATION NAME: SULPHUR LAKE NEAR DIXONVILLE

STATION NUMBER: 07HA909

LOCATION: 89-2-W6 Northwest of Dixonville.

GAUGE TYPE: Staff Gauge.

PERIOD OF RECORD: 1982

HYDROGRAPHIC SURVEY MAP AVAILABLE:

~~XXX~~
YES/NO

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

SULPHUR LAKE NEAR DIXONVILLE

STATION NO. 07HA909

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						28.938			28.983				1
2													2
3													3
4													4
5													5
6									28.978	28.965			6
7													7
8													8
9													9
10													10
11						28.929		28.996					11
12								29.008					12
13									28.977				13
14						28.912							14
15													15
16							28.821		28.982				16
17													17
18													18
19													19
20							28.810		28.982				20
21						28.912							21
22									28.977				22
23													23
24						28.888							24
25													25
26							28.810		28.977				26
27						28.873							27
28													28
29													29
30								28.992	28.957				30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 29.008 METRES ON AUG 12 MAX. OBSERVED WATER LEVEL 29.008 METRES ON AUG. 12/82
MINIMUM OBSERVED DAILY WATER LEVEL, 28.810 METRES ON JUL 20 MIN. OBSERVED WATER LEVEL 28.810 METRES ON JUL. 20/82
WATER LEVELS ARE REFERRED TO ASSUMED ELEVATION

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 - 1982

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 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4		1211.322											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										1211.169			19
20													20
21							1211.450						21
22													22
23													23
24													24
25					1211.211								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 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 1211.450 METRES ON JUL 21 MAX. OBSERVED WATER LEVEL, 1211.860 METRES ON JUL. 15/81
MINIMUM OBSERVED DAILY WATER LEVEL, 1211.169 METRES ON OCT 19 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: TELFORD LAKE AT LEDUC

STATION NUMBER: 05DF902

LOCATION: 49-25-W4 At the west end of the Lake near
Telford House in Leduc

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1973-1974; 1982.

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/~~XXX~~
~~XXX~~

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

Geodetic elevation verified in 1982.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

TELFORD LAKE AT LEDUC

STATION NO. 05DF902

DAILY WATER LEVEL IN METRES FOR 1982

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					725.882								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

726.173

726.086

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 726.173 METRES ON JUL 27
MINIMUM OBSERVED DAILY WATER LEVEL, 725.882 METRES ON MAY 18
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM
MAX. OBSERVED WATER LEVEL, 726.348 METRES ON JUN 03/74
MIN. OBSERVED WATER LEVEL, 725.882 METRES ON MAY 18/82

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 - 1982

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 DARRHEAD

STATION NO. 07DBD909

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						653.923	653.837	653.881	653.867				1
2						653.923	653.825		653.866				2
3						653.923			653.866				3
4						653.923	653.910	653.876	653.866				4
5					654.025	653.918	653.897	653.876	653.862				5
6						653.928	653.900						6
7						653.923	653.900	653.874		653.852			7
8						653.910	653.895	653.867	653.869				8
9						653.911	653.900	653.861	653.868				9
10								653.857					10
11					654.032		653.896	653.868					11
12					654.025	653.906	653.891	653.875	653.869				12
13						653.903	653.891		653.869				13
14					654.032	653.895		653.873					14
15					654.018	653.900		653.877					15
16													16
17		653.818				653.875	653.898	653.869					17
18					653.997	653.873	653.901	653.870					18
19					654.013	653.873	653.900	653.871					19
20				653.821	654.003	653.870	653.896	653.875					20
21					654.013	653.867	653.896	653.879					21
22					654.015	653.865		653.873					22
23					654.049	653.867	653.891	653.873					23
24						653.867	653.886	653.871					24
25						653.850	653.886	653.873					25
26				653.872	653.927	653.866	653.881	653.874					26
27					653.925	653.850	653.876	653.872					27
28					653.925	653.845	653.876	653.873					28
29					653.931	653.845	653.876	653.873					29
30					653.941		653.876	653.864					30
31					653.927		653.869						31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 654.049 METRES ON MAY 23
MINIMUM OBSERVED DAILY WATER LEVEL, 653.818 METRES ON FEB 17
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

MAX. OBSERVED WATER LEVEL 654.162 METRES ON MAY 10/72
MIN. OBSERVED WATER LEVEL 653.129 METRES ON SEP.13/68

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 - 1982

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 1982

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
		29.264						29.434					
11													11
12													12
13													13
14													14
15													15
							29.460						
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 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 29.460 METRES ON JUL 13
MINIMUM OBSERVED DAILY WATER LEVEL, 29.264 METRES ON FEB 8
WATER LEVELS ARE REFERRED TO ASSUMED DATUM

MAX. OBSERVED WATER LEVEL, 29.648 METRES ON JUN 10/79
MIN. OBSERVED WATER LEVEL, 29.063 METRES ON SEP. 30/73

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 - 1982

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

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

TWIN LAKE # 1 HEAR HOADLEY

STATION NO. 05DE906

DAILY WATER LEVEL IN METRES FOR 1982

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

919.568

919.521

919.546

919.454

SUMMARY FOR THE YEAR 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 919.568 METRES ON FEB 17
MINIMUM OBSERVED DAILY WATER LEVEL, 919.454 METRES ON SEP 29
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM
MAX. OBSERVED WATER LEVEL 920.002 METRES ON OCT.4/68
MIN. OBSERVED WATER LEVEL 919.018 METRES ON FEB.19/81

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 - 1982

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

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

TWIN LAKE # 2 NEAR HODADLEY

STATION NO. 05DE907

DAILY WATER LEVEL IN METRES FOR 1982

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

931.193

931.056

931.069

931.061

SUMMARY FOR THE YEAR 1982

MAXIMUM OBSERVED DAILY WATER LEVEL, 931.193 METRES ON FEB 17
MINIMUM OBSERVED DAILY WATER LEVEL, 931.056 METRES ON MAY 19
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

HISTORICAL SUMMARY

MAX. OBSERVED WATER LEVEL, 931.214 METRES ON FEB. 19/81
MIN. OBSERVED WATER LEVEL, 931.005 METRES ON JUL. 9/81

LAKE - STATION DESCRIPTION

STATION NAME: TYRRELL LAKE (WEST)

STATION NUMBER: 05AF904

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

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1977 -1980; 1982

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

REMARKS: There is a Ducks Unlimited Control Structure on this lake.
Tyrrell Lake (east) published in "Alberta miscellaneous
lake levels" 1972 - 1981.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

TYRRELL LAKE (WEST)

STATION NO. 05AF904

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1								959.571					1
2													2
3													3
4													4
5													5
6													6
7													7
8												958.974	8
9		959.203											9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19					959.605								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 1982

MAXIMUM OBSERVED DAILY WATER LEVEL, 959.605 METRES ON MAY 19
MINIMUM OBSERVED DAILY WATER LEVEL, 958.974 METRES ON DEC 8
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

HISTORICAL SUMMARY

MAX. OBSERVED WATER LEVEL 959.894 METRES ON MAY 02/79
MIN. OBSERVED WATER LEVEL 957.956 METRES ON MAR. 07/74

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 - 1982

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 1982

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

794.567

794.647

794.679

SUMMARY FOR THE YEAR 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 794.679 METRES ON OCT 20
MINIMUM OBSERVED DAILY WATER LEVEL, 794.567 METRES ON FEB 16
WATER LEVELS ARE REFERRED TO GEODETIC ELEVATION

MAX. OBSERVED WATER LEVEL, 794.679 METRES ON OCT. 20/82
MIN. OBSERVED WATER LEVEL, 793.766 METRES ON DEC. 6/79

MEAN
MAX
MIN

MEAN
MAX
MIN

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 - 1982

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 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1								615.896	615.858	615.761			1
2								615.916	615.858	615.761			2
3								615.915	615.858	615.761			3
4								615.915	615.858	615.756			4
5								615.905	615.857	615.750			5
6								615.905	615.852	615.760			6
7								615.904	615.857	615.750			7
8						615.885	615.920	615.904	615.857	615.750			8
9						615.881	615.920	615.904	615.857	615.749			9
10						615.881	615.920	615.904	615.856	615.729			10
11	615.808					615.881		615.903	615.856	615.729			11
12						615.881	615.910	615.903	615.856	615.729			12
13						615.885	615.910	615.903	615.856	615.728			13
14						615.910	615.910	615.913	615.805				14
15						615.907	615.912	615.912	615.805	615.771			15
16								615.902	615.805				16
17						615.871		615.902	615.805				17
18						615.871		615.902	615.804				18
19						615.871		615.902	615.804				19
20						615.871		615.901	615.804				20
21						615.861		615.891	615.804				21
22								615.891	615.803				22
23								615.891	615.803				23
24								615.890	615.783				24
25								615.885	615.783				25
26									615.762				26
27									615.762				27
28								615.869	615.762				28
29								615.859					29
30									615.762				30
31								615.859					31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1982

MAXIMUM OBSERVED DAILY WATER LEVEL, 615.920 METRES ON JUL 8
MINIMUM OBSERVED DAILY WATER LEVEL, 615.728 METRES ON OCT 13
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

HISTORICAL SUMMARY

MAX. OBSERVED WATER LEVEL 616.324 METRES ON MAY 19/72
MIN. OBSERVED WATER LEVEL 615.556 METRES ON OCT. 31/67

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 - 1982

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 1982

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		635.906											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 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 635.975 METRES ON JUN 8
MINIMUM OBSERVED DAILY WATER LEVEL, 635.856 METRES ON OCT 14
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

MAX. OBSERVED WATER LEVEL, 636.490 METRES ON JUL. 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: Staff Gauge

PERIOD OF RECORD: 1974 - 1982

HYDROGRAPHIC SURVEY MAP AVAILABLE: YES/NO

REMARKS: A new dam has been constructed at this site.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

VERMILION RESERVOIR AT VERMILION

STATION NO. 05EE905

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						575.893							1
2													2
3					575.952								3
4					575.956								4
5					575.951								5
6													6
7					575.961								7
8					575.985								8
9													9
10					575.969								10
11													11
12					575.942								12
13					575.934								13
14					575.928								14
15													15
16													16
17					575.923								17
18													18
19					575.931								19
20					575.935								20
21													21
22				576.887									22
23				575.051									23
24													24
25													25
26				575.521	575.923		576.033	575.933					26
27				575.639					575.792				27
28				575.732									28
29				575.871									29
30				575.851									30
31													31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 576.033 METRES ON JUL 26
MINIMUM OBSERVED DAILY WATER LEVEL, 576.887 METRES ON APR 22
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

MAX. OBSERVED WATER LEVEL 577.075 METRES ON FEB. 10/8
MIN. OBSERVED WATER LEVEL 576.887 METRES ON APR. 22/8

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 - 1982

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 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						599.184							1
2					599.415								2
3					599.398								3
4					599.406								4
5													5
6					599.375		599.008						6
7					599.315		599.041						7
8							599.389						8
9							598.068						9
10					599.326								10
11													11
12					599.316		598.096						12
13					599.337		598.255	599.135					13
14					599.258		598.292						14
15		598.268											15
16								599.186					16
17					599.210								17
18					599.259								18
19					599.271			599.186					19
20													20
21				599.029									21
22				599.053									22
23													23
24													24
25													25
26				599.135	599.299		599.032	599.159					26
27				599.189					599.059				27
28				599.198									28
29				599.237									29
30				599.310			599.338						30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 599.415 METRES ON MAY 3 MAX. OBSERVED WATER LEVEL, 601.346 METRES ON APR.25/74
MINIMUM OBSERVED DAILY WATER LEVEL, 598.068 METRES ON JUL 9 MIN. OBSERVED WATER LEVEL, 597.222 METRES ON JAN.31/77
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LAKE - STATION DESCRIPTION

STATION NAME: VERMILION RIVER near Musidora

STATION NUMBER: 05EE907

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

GAUGE TYPE: Staff Gauge.

PERIOD OF RECORD: 1971 - 1982

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 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						599.125							1
2													2
3					599.247								3
4					599.262								4
5					599.258								5
6					599.240		599.044						6
7					599.231		598.968						7
8							598.886						8
9													9
10					599.219								10
11					599.211		598.898						11
12					599.205		598.923						12
13					599.205		598.953						13
14													14
15		598.746											15
16													16
17					599.177								17
18													18
19					599.168								19
20					599.185								20
21													21
22				599.070									22
23				599.026									23
24													24
25													25
26				599.104	599.162		599.087	599.067					26
27				599.107					599.033				27
28				599.120									28
29				599.173									29
30				599.201									30
31													31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1982

MAXIMUM OBSERVED DAILY WATER LEVEL, 599.262 METRES ON MAY 4
MINIMUM OBSERVED DAILY WATER LEVEL, 598.746 METRES ON FEB 15
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

HISTORICAL SUMMARY

MAX. OBSERVED WATER LEVEL, 601.498 METRES ON APR.24/74
MIN. OBSERVED WATER LEVEL, 598.746 METRES ON FEB.15/82

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 - 1982

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 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						599.145							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
		599.098											
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 1982

MAXIMUM OBSERVED DAILY WATER LEVEL, 599.736 METRES ON JUL 14

MINIMUM OBSERVED DAILY WATER LEVEL, 599.039 METRES ON SEP 27
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

HISTORICAL SUMMARY

MAX. OBSERVED WATER LEVEL, 601.950 METRES ON APR. 24/74

MIN. OBSERVED WATER LEVEL, 598.444 METRES ON MAR. 12/80

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 -1982

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 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						599.214							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
		598.935											
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 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 599.999 METRES ON JUL 14
MINIMUM OBSERVED DAILY WATER LEVEL, 598.935 METRES ON FEB 15
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM
MAX. OBSERVED WATER LEVEL, 602.224 METRES ON APR.25/74
MIN. OBSERVED WATER LEVEL, 598.600 METRES ON JAN.31/77

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 - 1982

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 1982

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		1117.054				1117.327							8
9													9
10													10
11										1117.222			11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

1117.408

SUMMARY FOR THE YEAR 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 1117.408 METRES ON JUL 27
MINIMUM OBSERVED DAILY WATER LEVEL, 1117.054 METRES ON FEB 8
WATER LEVELS ARE REFERRED TO GEODETIC ELEVATION

MAX. OBSERVED WATER LEVEL 1117.571 METRES ON JUN.27/78
MIN. OBSERVED WATER LEVEL 1115.784 METRES ON SEP.24/75

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 - 1982

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/~~NO~~

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

VINCENT LAKE NEAR ASHMONT

STATION NO. 05ED913

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						636.197	636.197	636.261	636.232				1
2						636.197	636.197	636.261	636.230				2
3						636.208			636.227				3
4							636.227	636.262	636.225				4
5								636.262	636.224				5
6							636.235	636.262	636.224				6
7						636.246	636.253	636.261	636.223				7
8								636.261	636.224				8
9								636.261	636.224				9
10		636.140				636.240	636.257	636.261	636.224				10
11						636.240	636.261	636.261					11
12						636.239	636.260	636.260	636.225				12
13								636.260		636.118			13
14						636.238		636.260					14
15						636.238	636.259	636.261	636.224				15
16						636.235	636.257	636.259					16
17						636.228	636.257	636.256					17
18						636.228	636.255	636.254					18
19						636.228	636.255	636.252					19
20						636.226	636.253	636.249					20
21						636.224	636.255	636.248					21
22						636.223	636.258	636.246					22
23						636.221	636.258	636.244					23
24						636.219	636.259	636.243					24
25						636.216	636.260	636.240					25
26						636.214	636.260	636.238					26
27						636.211	636.260	636.237					27
28						636.207	636.260	636.236					28
29						636.203	636.260	636.236					29
30								636.234					30
31						636.199		636.232					31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 636.262 METRES ON AUG 4
MINIMUM OBSERVED DAILY WATER LEVEL, 636.118 METRES ON OCT 14
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM
MAX. OBSERVED WATER LEVEL, 636.727 METRES ON JUN.12/74
MIN. OBSERVED WATER LEVEL, 635.959 METRES ON NOV.12/70

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 - 1982

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.

WAKOJIAO LAKE NEAR CLYDE

STATION NO. 05EC903

DAILY WATER LEVEL IN METRES FOR 1982

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										621.390			6
7													7
8													8
9													9
10								621.354					10
11													11
12													12
13													13
14													14
15													15
16		621.354											16
17					621.137								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 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 621.390 METRES ON OCT 6
MINIMUM OBSERVED DAILY WATER LEVEL, 621.137 METRES ON MAY 17
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM
MAX. OBSERVED WATER LEVEL, 622.524 METRES ON JUL. 19/74
MIN. OBSERVED WATER LEVEL, 621.128 METRES ON SEP. 13/68

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 - 1982

HYDROGRAPHIC SURVEY MAP AVAILABLE: YES/NO

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

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

WATT LAKE NEAR TWO HILLS

STATION NO. 05EE910

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						600.438							1
2													2
3					600.408								3
4					600.335								4
5					600.406								5
6													6
7					600.412			600.343					7
8					600.402			600.336					8
9								600.336					9
10					600.399								10
11													11
12					600.397								12
13					600.395								13
14					600.396								14
15		600.242					600.329						15
16													16
17					600.382								17
18													18
19					600.407								19
20					600.427								20
21													21
22													22
23													23
24													24
25				600.299									25
26													26
27				600.382	600.441		600.343	600.253	600.217				27
28				600.400									28
29				600.404									29
30				600.417									30
31				600.404									31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1982

MAXIMUM OBSERVED DAILY WATER LEVEL, 600.441 METRES ON MAY 26

MINIMUM OBSERVED DAILY WATER LEVEL, 600.217 METRES ON SEP 27
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

HISTORICAL SUMMARY

MAX. OBSERVED WATER LEVEL 601.556 METRES ON MAY 9/74

MIN. OBSERVED WATER LEVEL 600.116 METRES ON OCT.13/81

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 - 1982

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 1982

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		686.337											16
17													17
18					686.315								18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26						686.353							26
27													27
28									686.278				28
29													29
30													30
31													31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 686.353 METRES ON JUL 27 MAX. OBSERVED WATER LEVEL, 686.754 METERS ON MAR.11/80
MINIMUM OBSERVED DAILY WATER LEVEL, 686.278 METRES ON SEP 28 MIN. OBSERVED WATER LEVEL, 686.278 METRES ON SEP.28/82
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LAKE - STATION DESCRIPTION

STATION NAME: WEMBLEY LAKE near Wembley

STATION NUMBER: 07GE914

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

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1976 - 1982

HYDROGRAPHIC SURVEY MAP AVAILABLE:

~~YES~~/NO

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

WEMBLEY LAKE NEAR WEMBLEY

STATION NO. 07GE914

DAILY WATER LEVEL IN METRES FOR 1982

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										727.595			20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28	727.298				727.634								28
29													29
30													30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 727.634 METRES ON MAY 28
MINIMUM OBSERVED DAILY WATER LEVEL, 727.298 METRES ON JAN 28
WATER LEVELS ARE REFERRED TO GEODETIC ELEVATION

MAX. OBSERVED WATER LEVEL 727.728 METRES ON FEB.8/77
MIN. OBSERVED WATER LEVEL 727.298 METRES ON JAN.28/82

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 - 1982

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 1982

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		576.903											11
12													12
13													13
14													14
15													15
16													16
17						577.021							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 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 577.290 METRES ON JUL 15
 MINIMUM OBSERVED DAILY WATER LEVEL, 576.903 METRES ON FEB 11
 WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM
 MAX. OBSERVED WATER LEVEL, 578.102 METRES ON AUG.29/75
 MIN. OBSERVED WATER LEVEL, 576.709 METRES ON SEP.29/65

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 - 1982

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 1982

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
		625.619											
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							625.841	625.822	625.805				TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 625.841 METRES ON JUL 26
MINIMUM OBSERVED DAILY WATER LEVEL, 625.619 METRES ON FEB 15
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

MAX. OBSERVED WATER LEVEL, 626.544 METRES ON JUN. 6/74
MIN. OBSERVED WATER LEVEL, 625.478 METRES ON FEB. 22/78

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: 1965-1982

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 1982

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		567.111				567.147							10
11													11
12													12
13													13
14													14
15													15
16													16
17							567.134						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 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 567.147 METRES ON JUN 9 MAX. OBSERVED WATER LEVEL, 567.910 METRES ON JUL. 14/71
MINIMUM OBSERVED DAILY WATER LEVEL, 567.031 METRES ON OCT 14 MIN. OBSERVED WATER LEVEL, 567.031 METRES ON OCT. 14/82
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 - 1982

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 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1							1150.197	1150.272		1150.286			1
2							1150.208	1150.277					2
3							1150.226	1150.277	1150.264				3
4							1150.251		1150.279				4
5													5
6						1150.251		1150.273					6
7								1150.258					7
8					1150.216		1150.251	1150.258					8
9	1150.042					1150.241	1150.263	1150.287					9
10									1150.287				10
11						1150.221				1150.297			11
12						1150.203		1150.243					12
13						1150.203		1150.243					13
14						1150.203		1150.268					14
15						1150.200							15
16							1150.272	1150.258					16
17									1150.272				17
18						1150.194	1150.269						18
19						1150.197	1150.276						19
20						1150.175		1150.245					20
21													21
22						1150.176	1150.272	1150.244					22
23						1150.176		1150.253					23
24									1150.264				24
25						1150.174		1150.253					25
26							1150.267						26
27						1150.179	1150.262	1150.279					27
28						1150.181	1150.260	1150.284					28
29													29
30							1150.252						30
31							1150.255						31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 1150.297 METRES ON OCT 11
 MINIMUM OBSERVED DAILY WATER LEVEL, 1150.042 METRES ON FEB 9
 WATER LEVELS ARE REFERRED TO GEODETIC ELEVATION
 MAX. OBSERVED WATER LEVEL, 1150.431 METRES ON MAY 4/76
 MIN. OBSERVED WATER LEVEL, 1149.553 METRES ON JAN.26/77

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 - 1982

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 1982

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									23.472				10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18		23.256											18
19					23.443								19
20													20
21													21
22													22
23								23.460					23
24													24
25													25
26													26
27							23.527						27
28													28
29									23.437				29
30													30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1982

MAXIMUM OBSERVED DAILY WATER LEVEL, 23.527 METRES ON JUL 27
MINIMUM OBSERVED DAILY WATER LEVEL, 23.256 METRES ON FEB 18
WATER LEVELS ARE REFERRED TO ASSUMED DATUM

HISTORICAL SUMMARY

MAX. OBSERVED WATER LEVEL, 23.694 METRES ON AUG. 14/80
MIN. OBSERVED WATER LEVEL, 23.256 METRES ON FEB. 18/82

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 - 1982

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

REMARKS: Geodetic Elevation verified May 1978.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

WIZARD LAKE BEAR LEDUC

STATION NO. 05DF901

DAILY WATER LEVEL IN METRES FOR 1982

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		783.816											17
18													18
19					784.179								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 1982

MAXIMUM OBSERVED DAILY WATER LEVEL, 784.179 METRES ON MAY 19
MINIMUM OBSERVED DAILY WATER LEVEL, 783.816 METRES ON FEB 17
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

HISTORICAL SUMMARY

MAX. OBSERVED WATER LEVEL 784.454 METRES ON AUG.6/81
MIN. OBSERVED WATER LEVEL 783.586 METRES ON JUL.26/68

LAKE - STATION DESCRIPTION

STATION NAME: WOLF LAKE near Bonnyville

STATION NUMBER: 06AB903

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

GAUGE TYPE: Staff Gauge.

PERIOD OF RECORD: 1968 - 1982

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 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1							597.316	597.341	597.354				1
2							597.316	597.346	597.356				2
3							597.318	597.356	597.356				3
4							597.346		597.352				4
5							597.366		597.350				5
6							597.368	597.370	597.348				6
7							597.370	597.370	597.350				7
8						597.391	597.372	597.368					8
9							597.370	597.366					9
10		597.198					597.368	597.366	597.353				10
11							597.366		597.351				11
12							597.366		597.349				12
13							597.364	597.362	597.345	597.305			13
14							597.383	597.358	597.341				14
15							597.383	597.355					15
16							597.358	597.356					16
17							597.362		597.339				17
18							597.360		597.339				18
19							597.358		597.339				19
20							597.347	597.347	597.339				20
21							597.347	597.345	597.341				21
22							597.345	597.343					22
23							597.351	597.341	597.340				23
24							597.347		597.338				24
25							597.345	597.341					25
26							597.338		597.338				26
27							597.345	597.337	597.336				27
28							597.343	597.334	597.334				28
29							597.328	597.330					29
30							597.318	597.334	597.334				30
31							597.341	597.356					31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 597.391 METRES ON JUN 8
MINIMUM OBSERVED DAILY WATER LEVEL, 597.198 METRES ON FEB 9
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

MAX. OBSERVED WATER LEVEL, 597.716 METRES ON JUL.5/75
MIN. OBSERVED WATER LEVEL, 597.091 METRES ON OCT.16/69

LAKE - STATION DESCRIPTION

STATION NAME: WOLF LAKE NEAR EDSON

STATION NUMBER: 07AG906

LOCATION: 48-15-W5-26 km east and 80km south of Edson.

GAUGE TYPE: Staff Gauge

PERIOD OF RECORD: 1981 - 1982

HYDROGRAPHIC SURVEY MAP AVAILABLE:

~~YES~~/No

REMARKS: Geodetic elevation established 1982.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

WOLF LAKE NEAR EDSON

STATION NO. 07AG906

DAILY WATER LEVEL IN METRES FOR 1982

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
		1048.872				1049.042							
11													11
12													12
13													13
14													14
15													15
							1048.948			1048.975			
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						1048.988							TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1982

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 1049.042 METRES ON JUN 9
MINIMUM OBSERVED DAILY WATER LEVEL, 1048.872 METRES ON FEB 10
WATER LEVELS ARE REFERRED TO GEODETIC ELEVATION

MAX. OBSERVED WATER LEVEL 1049.042 METRES ON JUN.9/82
MIN. OBSERVED WATER LEVEL 1048.806 METRES ON OCT.21/81

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 - 1982

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

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 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1								783.833					1
2													2
3													3
4													4
5													5
6													6
7													7
8												783.852	8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20					783.857								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 1982

MAXIMUM OBSERVED DAILY WATER LEVEL, 783.857 METRES ON MAY 19
MINIMUM OBSERVED DAILY WATER LEVEL, 783.833 METRES ON AUG 4
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

HISTORICAL SUMMARY

MAX. OBSERVED WATER LEVEL, 783.857 METRES ON MAY 19/82
MIN. OBSERVED WATER LEVEL, 781.937 METRES ON AUG.03/77

46835

GB Alberta miscellaneous lake
1630 levels
A2
A333
1982
c.1

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