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Water Resources

ALBERTA
MISCELLANEOUS LAKE LEVELS
1980

Alberta
ENVIRONMENT



ALBERTA
MISCELLANEOUS LAKE LEVELS
1980

Prepared by:

Water Survey Section
Survey Branch
Technical Services Division

Submitted by:

P. Valentine, P. Eng.
Branch Head
Survey Branch

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INTRODUCTION

Over the years Alberta Environment has collected lake level information at numerous lakes throughout the Province. As of 1980 there were 215 lakes being monitored. Historically this information has been collected for internal use and filed in the Technical Services Reference Centre. In an effort to present these data in a more convenient form, and make them available to more users, it was decided to produce an annual summary of the information gathered.

This data report is the third in a series. Reports containing 1978 and 1979 lake level data were produced earlier this year. This 1980 report is the first with the historical maximum and minimum observed water levels for the period of record. These data will be included in the subsequent Miscellaneous Lake level reports which will be produced on an annual basis

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

Purpose and Method of Data Collection

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

Presentation of Data

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

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

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

Accuracy of Data

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

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

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

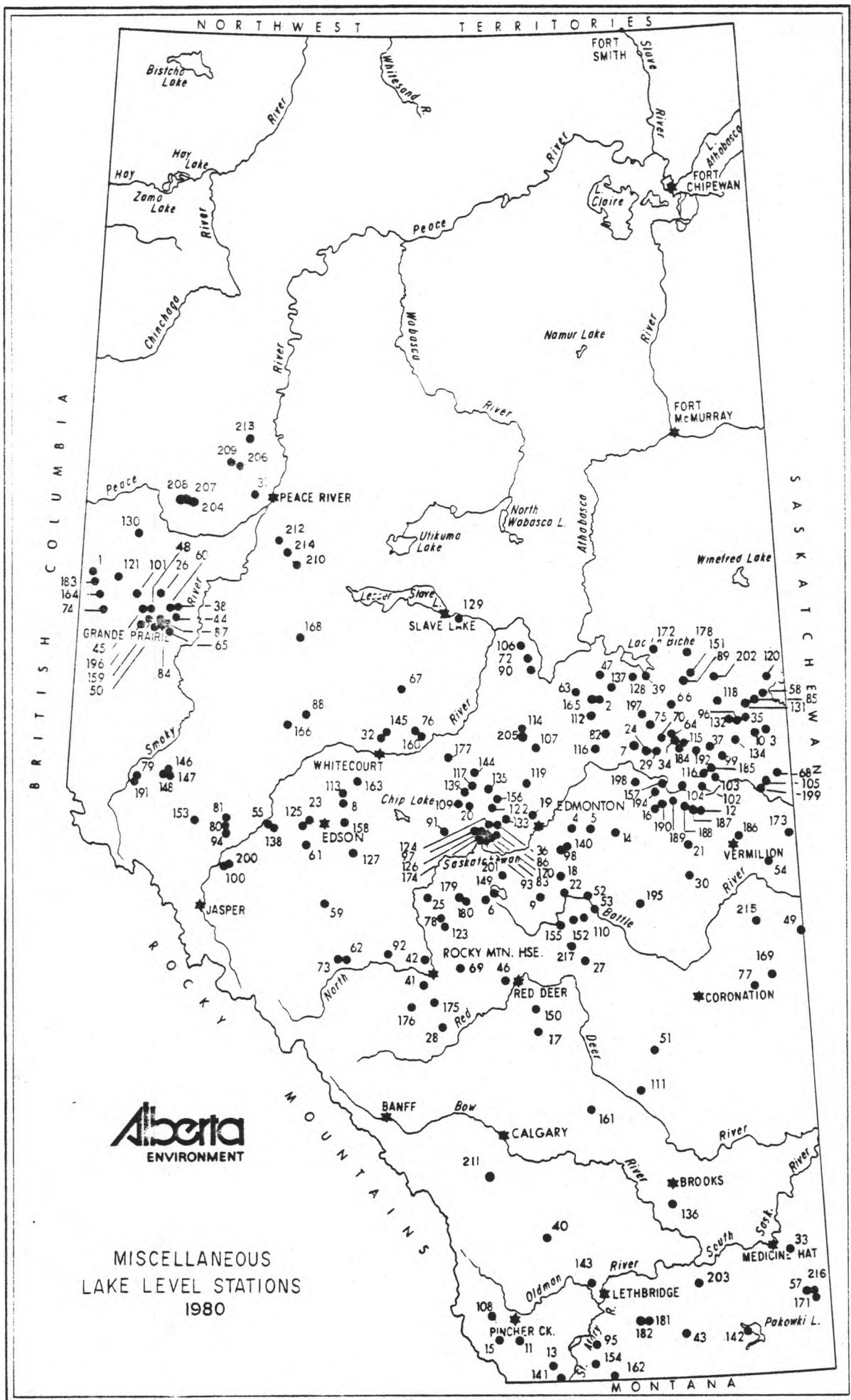
1 metre = 3.28 feet

Further Information

It should be emphasized that this data report only contains data collected for one year, 1980. In the Technical Services Reference Centre there is a file for each station containing all the information collected over the years and more details on the exact location of the site. Anyone who requires more information on any of these stations is asked to contact:

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

Phone: 427-6298



LIST OF LAKE LEVEL STATIONS - 1980

STATION NAME	MAP REFERENCE NUMBER (Fig. 1)	PAGE NUMBER
Albright Lake near Demmitt	1	1
Amisk Lake near Boyle	2	3
Angling Lake near Grand Centre	3	5
Antler Lake near Tofield	4	7
Astotin Lake near Fort Saskatchewan	5	9
Battle Lake near Hoadley	6	11
Bear Lake near Bellis	7	13
Bear Lake near Edson	8	15
Bearhills Lake near Wetaskiwin	9	17
Beartrap Lake near Grand Centre	10	19
Beauvais Lake near Pincher Creek	11	21
Beauvallon Lake near Two Hills	12	23
Beaverdam Lake near Cardston	13	25
Beaverhill Lake near Tofield	14	27
Beavermines Lake near Bellevue	15	29
Ben's Lake near Two Hills	16	31
Bigelow Reservoir near Wimborne	17	33
Big Hay Lake near Hay Lakes	18	35
Big Lake near St. Albert	19	37
Birch Lake near Glenevis	20	39
Birch Lake near Innisfree	21	41
Bittern Lake near Bittern Lake	22	43

Black Duck Lake near Hines Creek	204	45
Blackmud Lake at Marlboro	23	47
Bonnie Lake near Vilna	24	49
Buck Lake near Drayton Valley	25	51
Buffalo Lake near La Glace	26	53
Buffalo Lake near Stettler	27	55
Burnstick Lake near Sundre	28	57
Cache Lake near Spedden	29	59
Camp Lake near Kinsella	30	61
Cardinal Lake at Queen Elizabeth Park	31	63
Carson Lake near Whitecourt	32	65
Cavan Lake near Medicine Hat	33	67
Chappell Lake near Ashmont	34	69
Charlotte Lake near Bonnyville	35	71
Chickakoo Lake near Stony Plain	36	73
Chickenhill Lake near St. Paul	37	75
Clairmont Lake near Clairmont	38	77
Claude Lake near Lac La Biche	39	79
Clear Lake near Stavely	40	81
Cow Lake near Rocky Mountain House	41	83
Crimson Lake near Rocky Mountain House	42	85
Crow Indian Lake	43	87
Crystal Lake near Grande Prairie	44	89
Cutbank Lake near Wembley	45	91
Cygnets Lake near Sylvan Lake	46	93
Dakin Lake near Atmore	47	95
Dapp Lake near Westlock	205	97
Deep Lake near Grande Prairie	48	99

Dillberry Lake near Wainwright	49	101
Dimsdale Lake near Dimsdale	50	103
Dowling Lake near Hanna	51	105
Driedmeat Lake near Camrose	52	107
Driedmeat Lake at Outflow	53	109
Earlie Lake near Kitscoty	54	111
Eccles Pond near Hinton	55	113
Eden Lake near Beach Corner	56	115
Elkwater Lake near Irvine	57	117
Ethel Lake near Cold Lake	58	119
Fairfax Lake near Robb	59	121
Ferguson Lake near Clairmont	60	123
Fickle Lake near Edson	61	125
Fish Lake near Nordegg	62	127
Flat Lake near Boyle	63	129
Floatingstone Lake near Spedden	64	131
Flood Lake near Chinook Valley	206	133
Flyingshot Lake near Grande Prairie	65	135
Fork Lake near Lac La Biche	66	137
Freeman Lake near Swan Hills	67	139
Frog Lake near Elk Point	68	141
Gabriel Lake near Bentley	69	143
Garner Lake near Spedden	70	145
George Lake (East) near Hines Creek	207	147
George Lake (West) near Hines Creek	208	149
Ghost Lake near Athabasca	72	151
Goldeye Lake near Nordegg	73	153
Goodfare Lake near Goodfare	74	155

Goodfish Lake near Vilna	75	157
Goose Lake near Fort Assiniboine	76	159
Gooseberry Lake near Consort	77	161
Gosling Lake near Buck Lake	78	163
Grande Cache Lake near Grande Cache	79	165
Graveyard Lake near Hinton	80	167
Gregg Lake near Hinton	81	169
Hanmore Lake near Smoky Lake	82	171
Hasse Lake near Stony Plain	83	173
Helen Lake near Dixonville	209	175
Hermit Lake near Grande Prairie	84	177
Hilda Lake near Cold Lake	85	179
Hubbles Lake near Stony Plain	86	181
Hughes Lake near Grande Prairie	87	183
Iosegun Lake near Fox Creek	88	185
Ironwood Lake near Lac La Biche	89	187
Island Lake near Athabasca	90	189
Isle Lake near Gainford	91	191
Jackfish Lake near Rocky Mountain House	92	193
Jackfish Lake near Stony Plain	93	195
Jarvis Lake near Hinton	94	197
Jensen Reservoir	95	199
Jessie Lake near Bonnyville	96	201
Johnny's Lake near Stony Plain	97	203
Joseph Lake near New Sarepta	98	205
Kehiwin Lake near Bonnyville	99	207
Kimiwan Lake at McLennan	210	209
Kinky Lake near Hinton	100	211

La Glace Lake near La Glace	101	213
Lac Bellevue near St. Paul	102	215
Lac Saint Cyr near St. Paul	103	217
Lac Sante near St. Paul	104	219
Lake Newell near Brooks	136	221
Laurier Lake near Heinsburg	105	223
Lawrence Lake near Athabasca	106	225
Lebeaus Lake near Westlock	107	227
Lees Lake near Pincher Creek	108	229
Lessard Lake near Glenevis	109	231
Little Beaver Lake near Ferintosh	110	233
Little Fish Lake near Drumheller	111	235
Lloyd Lake near Priddis	211	237
Long Lake near Boyle	112	239
Long Lake near Edson	113	241
Long Island Lake near Westlock	114	243
Lower Mann Lake near Ashmont	115	245
Lower Therien Lake near St. Paul	116	247
Magloire Lake near Falher	212	249
Majeau Lake near Glenevis	117	251
Manatokan Lake near Iron River	118	253
Manawan Lake near Legal	119	255
Marie Lake near Cold Lake	120	257
Martin Lake near Hythe	121	259
Matchayaw Lake near Stony Plain	122	261
Medicine Lake near Rimbey	123	263
Mere Lake near Stony Plain	124	265
Millers Lake near Marlboro	125	267

Mink Lake near Carvel Corner	126	269
Minnow Lake near Edson	127	271
Mirage Lake at Moonshine Provincial Park	130	273
Missawawi Lake near Venice	128	275
Mitsue Lake near Slave Lake	129	277
Moore Lake near Fort Kent	131	279
Moose Lake near Bonnyville	132	281
Muir Lake near Spruce Grove	133	283
Murdoch Lake near Deadwood	213	285
Muriel Lake near Bonnyville	134	287
Nakamun Lake near Onoway	135	289
North Buck Lake near Caslan	137	291
Obed Lake near Hinton	138	293
Oldman Lake near Glenevis	139	295
Oliver Lake near New Sarepta	140	297
Outpost Lake at Police Outpost Park	141	299
Pakowki Lake near Medicine Hat	142	301
Park Lake at Provincial Park	143	303
Peanut Lake near Barrhead	144	305
Pegasus Lake near Whitecourt	145	307
Pierre Grey Lake (Lower) near Muskeg	146	309
Pierre Grey Lake (Middle) near Muskeg	147	311
Pierre Grey Lake (Upper) near Muskeg	148	313
Pigeon Lake at Provincial Park	149	315
Pine Lake near Pine Lake	150	317
Pinehurst Lake near Lac La Biche	151	319
Rat Lake near Donnelly	214	321
Red Deer Lake near Ferintosh	152	323

Rock Lake near Hinton	153	325
Ross Lake near Magrath	154	327
Samson Lake near Hobbema	155	329
Sandy Lake near Morinville	156	331
Sandy Lake near Two Hills	157	333
Sang (Suprise) Lake near Edson	158	335
Saskatoon Lake near Grande Prairie	159	337
Schuman Lake near Fort Assiniboine	160	339
Severn Reservoir	161	341
Shanks Lake near Cardston	162	343
Shiningbank Lake near Peers	163	345
Shuster Lake near Wainwright	215	347
Sinclair Lake near Hythe	164	349
Skeleton Lake near Boyle	165	351
Smoke Lake near Fox Creek	166	353
Smoky Lake near Warspite	167	355
Snipe Lake near Valleyview	168	357
Sounding Lake near Monitor	169	359
Spring Lake near Stony Plain	170	361
Spruce Coulee Reservoir near Medicine Hat	216	363
Square Lake near Lac La Biche	172	365
Staplehurst Lake near Lloydminster	173	367
Star Lake near Carvel Corner	174	369
Strubel Lake near Caroline	175	371
Swan Lake near Rocky Mountain House	176	373
Thunder Lake near Barrhead	177	375
Touchwood Lake near Lac La Biche	178	377
Twin Lake #1 near Hoadley	179	379

Twin Lake #2 near Hoadley	180	381
Tyrrell Lake (East)	181	383
Tyrrell Lake (West)	182	385
Updike Lake near Demmitt	183	387
Upper Mann Lake near Ashmont	184	389
Upper Therien Lake near St. Paul	185	391
Vermilion Reservoir at Vermilion	186	393
Vermilion River near Morecambe	187	395
Vermilion River near Musidora	188	397
Vermilion River at Two Hills (Highway #36)	189	399
Vermilion River 4 Miles West of Two Hills	190	401
Victor Lake near Grande Cache	191	403
Vincent Lake near Ashmont	192	405
Wakamao Lake near Clyde	193	407
Watt Lake near Two Hills	194	409
Wavy Lake near Strome	195	411
Wembley Lake near Wembley	196	413
Whitefish Lake near Vilna	197	415
Whitford Lake near Vegreville	198	417
Whitney Lake near Elk Point	199	419
Wildhorse Lake near Hinton	200	421
Windsor Lake near Bashaw	217	423
Wizard Lake near Leduc	201	425
Wolf Lake near Bonnyville	202	427
Yellow Lake (Station 0)	203	427

1980 Lake and Reservoir Data

Published by Water Survey of Canada

<u>Station Name</u>	<u>Station Number</u>	<u>Station Name</u>	<u>Station Number</u>
Baptiste Lake near Athabasca	07BE002	Lake Abraham near Nordegg	05DC009
Bare Creek Reservoir near Elkwater	11AB094	Lake Athabasca at Bustard Island	07MD002
Barrier Lake near Seebe	05BF024	Lake Athabasca at Fort Chipewyan	07MD001
Bear Lake near Clairmont	07GE004	Lake Claire near Outlet to Prairie River	07KF002
Beaver Lake at Ranger Station	06AA003	Lake Minnewanka near Banff	05BD003
Bigelow Reservoir near Wimborne	05CE901*	Lake Sherburne	05AE036
Braceau Reservoir	05DD006	Lesser Slave Lake at Faust	07BJ002
Buffalo Lake near Erskine	05CD005	Lesser Slave Lake at Slave Lake	07BJ006
Calling Lake at Ranger Station	07CB001	Lower Kananaskis at Pocaterra Dam	05BF009
Chain Lakes Reservoir near Nanton	05AB037	Marie Lake near Cold Lake	06AC005
Chip Lake at Outlet to Lobstick River	07BB008	Massy Reservoir near Elkwater	11AB104
Coal Lake Reservoir near Wetaskiwin	05FA016	Michèle Reservoir near Elkwater	11AB091
Cold Lake at Cold Lake	06AF002	Milk River Ridge Reservoir	05AF030
Cooking Lake at Cooking Lake	05EB012	Ministik Lake near New Sarepta	05EB013
Cressday Reservoir near Cressday	11AB097	Miquelon Lake at Provincial Park	05EB014
Cygnat Lake near Sylvan Lake	05CC901*	Mitchell Reservoir near Elkwater	11AB099
Driedmeat Lake at Outflow	05FA020*	Moore Lake near Cold Lake	06AC002
Elkwater Lake	05AH025	Pigeon Lake at Grandview	05FA013
Ethel Lake near Cold Lake	06AC004	Reesor Reservoir near Elkwater	11AB090
Fawcett Lake near Smith	07BK008	Richardson Lake at the Outlet	07DD008
Ghost Lake near Cochrane	05BE005	South Wabasca Lake near Desmarais	07JA002
Glenmore Reservoir at Calgary	05BJ008	Spray Reservoir at Three Sisters Dam	05BC006
Greasewood Reservoir near Elkwater	11AB092	St. Mary Reservoir near Spring Coulee	05AE025
Gregoire Lake near Fort McMurray	07CE001	Steele Lake near Jarvie	07BC005
Gull Lake at Aspen Beach	05CC006	Sturgeon Lake at Williamson Park	07GH003
Hastings Lake near Deville	05EB011	Sylvan Lake at Sylvan Lake	05CC003
Hilda Lake near Cold Lake	06AC003	Upper Kananaskis Lake at Main Dam	05BF005
Isle Lake at Eureka Beach	05EA008	Utikuma Lake near Nipisi	07JA001
Jaydot Reservoir near Jaydot	11AB098	Wabamun Lake at Wabamun	05DE002
Lac La Biche at Lac La Biche	07CA004	Waterton Lake at Waterton Park	05AD025
Lac La Nonne at Lac La Nonne	07BB007	Waterton Reservoir	05AD026
Lac Ste. Anne at Alberta Beach	05EA006	Winagami Lake at Spillway Gates	07BF006

* Data included in this publication.

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 - 1980

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 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1										792.747			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					792.313								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

792.645

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 792.747 METRES ON OCT 2 MAX. OBSERVED WATER LEVEL, 792.800 METRES ON SEP. 27/76
MINIMUM OBSERVED DAILY WATER LEVEL, 792.313 METRES ON MAY 15 MIN. OBSERVED WATER LEVEL, 792.221 METRES ON DEC. 6/79
WATER LEVELS ARE REFERRED TO GEODETIC ELEVATION

MEAN
MAX
MIN

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 - 1980

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 1980

DAY	JAN	FEB	MAR	APR	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
							611.612						
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

611.706

611.599

611.612

611.691

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 611.706 METRES ON JAN 28 MAX. OBSERVED WATER LEVEL, 612.002 METRES ON OCT. 17/77
MINIMUM OBSERVED DAILY WATER LEVEL, 611.599 METRES ON MAY 26 MIN. OBSERVED WATER LEVEL, 611.633 METRES ON FEB. 5/79
WATER LEVELS ARE REFERRED TO ASSUMED

LAKE - STATION DESCRIPTION

STATION NAME: ANGLING LAKE near Grand Centre

STATION NUMBER: 06AD901

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

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1973 - 1980

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 1980

DAY	JAN	FEB	MAR	APR	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							556.882						16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25									556.885				25
26													26
27													27
28					556.937								28
29													29
30	556.827												30
31													31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 556.937 METRES ON MAY 28
MINIMUM OBSERVED DAILY WATER LEVEL, 556.827 METRES ON JAN 30
WATER LEVELS ARE REFERRED TO GEODETIC

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

LAKE - STATION DESCRIPTION

STATION NAME: ANTLER LAKE near Tofield

STATION NUMBER: 05EB904

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

GAUGE TYPE: Staff Gauge.

PERIOD OF RECORD: 1973 - 1980

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 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						738.415	738.415	738.387		738.524			1
2													2
3						738.408	738.396	738.439					3
4													4
5													5
6						738.405	738.402						6
7													7
8													8
9						738.399	738.411						9
10													10
11													11
12						738.393							12
13						738.375							13
14													14
15			738.323										15
16						738.411	738.375						16
17													17
18						738.408		738.405					18
19													19
20													20
21							738.366						21
22						738.408		738.411	738.421				22
23													23
24						738.366							24
25													25
26													26
27						738.411							27
28							738.369						28
29						738.415							29
30													30
31						738.381			738.524				31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 738.524 METRES ON SEP 30
MINIMUM OBSERVED DAILY WATER LEVEL, 738.323 METRES ON MAR 14
WATER LEVELS ARE REFERRED TO GEODETIC

MAX. OBSERVED WATER LEVEL, 739.058 METRES ON JUL. 17/74
MIN. OBSERVED WATER LEVEL, 737.970 METRES ON SEP. 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: None. Level established by surveying.

PERIOD OF RECORD: 1967 - 1980

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 1980

DAY	JAN	FEB	MAR	APR	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
			711.696										
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							711.610						TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 711.696 METRES ON MAR 14 MAX. OBSERVED WATER LEVEL, 711.940 METRES ON MAY 4/71
MINIMUM OBSERVED DAILY WATER LEVEL, 711.610 METRES ON JUL 29 MIN. OBSERVED WATER LEVEL, 711.260 METRES ON OCT. 26/67
WATER LEVELS ARE REFERRED TO GEODETIC

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 - 1980

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

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

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

BATTLE LAKE NEAR HOADLEY

STATION NO. 05FA903

DAILY WATER LEVEL IN METRES FOR 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5													5
6											836.335		6
7													7
8													8
9													9
10			836.322										10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18						836.560							18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31							836.578						31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 836.578 METRES ON JUL 30 MAX. OBSERVED WATER LEVEL, 837.085 METRES ON MAY 8/74
MINIMUM OBSERVED DAILY WATER LEVEL, 836.322 METRES ON MAR 10 MIN. OBSERVED WATER LEVEL, 836.103 METRES ON DEC. 11/74
WATER LEVELS ARE REFERRED TO GEODETIC

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 - 1980

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 1980

DAY	JAN	FEB	MAR	APR	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							686.218						17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25									686.339				25
26													26
27													27
28													28
29													29
30													30
31	686.208				686.298								31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 686.339 METRES ON SEP 25 MAX. OBSERVED WATER LEVEL, 686.340 M ON AUG 15, 1979
MINIMUM OBSERVED DAILY WATER LEVEL, 686.208 METRES ON JAN 31 MIN. OBSERVED WATER LEVEL, 685.855 M ON OCT 7, 1974
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA

LAKE - STATION DESCRIPTION

STATION NAME: BEAR LAKE near Edson

STATION NUMBER: 07AG901

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

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1969 - 1980

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/NO

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

DAILY WATER LEVEL IN METRES FOR 1980

DAY	JAN	FEB	MAR	APR	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					870.640								11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21					870.590								21
22													22
23													23
24									870.732				24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL									870.686				TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 870.732 METRES ON SEP 24
MINIMUM OBSERVED DAILY WATER LEVEL, 870.590 METRES ON MAY 22
WATER LEVELS ARE REFERRED TO GEODETIC ELEVATION
MAX. OBSERVED WATER LEVEL, 870.737 METRES ON JUL. 16/79
MIN. OBSERVED WATER LEVEL, 870.469 METRES ON OCT. 6/70

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 - 1980

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 WETASKIMIN

STATION NO. 05FA904

DAILY WATER LEVEL IN METRES FOR 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10			786.545										10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL

786.811

786.875

786.780

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 786.875 METRES ON NOV 12 MAX. OBSERVED WATER LEVEL, 788.719 METRES ON APR. 25/74
MINIMUM OBSERVED DAILY WATER LEVEL, 786.545 METRES ON MAR 10 MIN. OBSERVED WATER LEVEL, 786.174 METRES ON AUG. 15/78
WATER LEVELS ARE REFERRED TO GEODETIC

MEAN
MAX
MIN

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 - 1980

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 1980

DAY	JAN	FEB	MAR	APR	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							573.646					573.667	16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25									573.688				25
26													26
27													27
28													28
29	573.643				573.685								29
30													30
31													31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 573.688 METRES ON SEP 24 MAX. OBSERVED WATER LEVEL, 573.780 METRES ON JUN. 12/74
MINIMUM OBSERVED DAILY WATER LEVEL, 573.643 METRES ON JAN 29 MIN. OBSERVED WATER LEVEL, 573.152 METRES ON JUL. 30/74
WATER LEVELS ARE REFERRED TO GEODETIC

LAKE - STATION DESCRIPTION

STATION NAME: BEAUVAIS LAKE near Pincher Creek

STATION NUMBER: 05AA901

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

GAUGE TYPE: Staff Gauge.

PERIOD OF RECORD: 1973 - 1980

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

REMARKS: Geodetic Elevations verified in 1980.

Alberta Environment control structure on this lake.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

BEAUVAIS LAKE NEAR PINCHER CREEK

STATION NO. 05AA901

DAILY WATER LEVEL IN METRES FOR 1980

DAY	JAN	FEB	MAR	APR	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

1367.637

1367.708

1367.802

1367.375

1367.549

1367.823

1367.711

1367.695

1367.860

1367.735

1367.677

1367.854

1367.775

1367.659

1367.549

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 1367.860 METRES ON JUN 15 MAX. OBSERVED WATER LEVEL, 1367.940 METRES ON JUN. 23/75
MINIMUM OBSERVED DAILY WATER LEVEL, 1367.375 METRES ON AUG 31 MIN. OBSERVED WATER LEVEL, 1367.263 METRES ON AUG. 11/77
WATER LEVELS ARE REFERRED TO GEODETIC

MEAN
MAX
MIN

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 - 1980

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

REMARKS: Water Levels are geodetic from 1969-1976, assumed 1976-1980.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

BEAUVALLON LAKE NEAR TWO HILLS

STATION NO. 05EE902

DAILY WATER LEVEL IN METRES FOR 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1											29.465		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
													17
													18
													19
													20
21													21
22													22
23													23
24													24
25													25
26					29.605								26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL

29.605

29.407

29.465

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 29.605 METRES ON MAY 26 MAX. OBSERVED WATER LEVEL, 29.941 M ON MAY 15, 1979
MINIMUM OBSERVED DAILY WATER LEVEL, 29.407 METRES ON JUL 28 MIN. OBSERVED WATER LEVEL, 29.407 M ON JUL 28, 1980
WATER LEVELS ARE REFERRED TO ASSUMED

LAKE - STATION DESCRIPTION

STATION NAME: BEAVERDAM LAKE near Cardston

STATION NUMBER: 05AE905

LOCATION: 2-27-W4

GAUGE TYPE: Staff Gauge

PERIOD OF RECORD: 1979 - 1980

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

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

DAILY WATER LEVEL IN METRES FOR 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1									30.014				1
2													2
3													3
4													4
5													5
6													6
7										29.998			7
8													8
9													9
10													10
11						30.288							11
12													12
13													13
14													14
15													15
16													16
17													17
18											29.983		18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL

30.084

30.081

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 30.288 METRES ON JUN 11 MAX. OBSERVED WATER LEVEL, 30.288 METRES ON JUN. 11/80
MINIMUM OBSERVED DAILY WATER LEVEL, 29.983 METRES ON NOV 18 MIN. OBSERVED WATER LEVEL, 29.688 METRES ON NOV. 5/79
WATER LEVELS ARE REFERRED TO ASSUMED

MEAN
MAX
MIN

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 - 1980

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 1980

DAY	JAN	FEB	MAR	APR	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			668.606									668.466	15
16													16
17						668.518							17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL

668.515

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 668.606 METRES ON MAR 14
MINIMUM OBSERVED DAILY WATER LEVEL, 668.466 METRES ON NOV 13
WATER LEVELS ARE REFERRED TO GEODETIC

MAX. OBSERVED WATER LEVEL, 669.243 METRES ON JUN. 13/74
MIN. OBSERVED WATER LEVEL, 667.872 METRES ON AUG. 22/68

LAKE - STATION DESCRIPTION

STATION NAME: BEAVERMINES LAKE near Bellevue

STATION NUMBER: 05AA902

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

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1977 - 1980

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/~~NO~~

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

BEAVERMINES LAKE NEAR BELLEVUE

STATION NO. 05AA902

DAILY WATER LEVEL IN METRES FOR 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5									29.794				5
6													6
7							29.977						7
8						30.206				29.947			8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19											29.947		19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL				30.145				29.870					TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 30.206 METRES ON JUN 9 MAX. OBSERVED WATER LEVEL, 30.434 METRES ON MAY 23/79
MINIMUM OBSERVED DAILY WATER LEVEL, 29.794 METRES ON SEP 4 MIN. OBSERVED WATER LEVEL, 29.401 METRES ON OCT. 24/77
WATER LEVELS ARE REFERRED TO ASSUMED

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 - 1980

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

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

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

BEN'S LAKE NEAR TWO HILLS

STATION NO. 05EE903

DAILY WATER LEVEL IN METRES FOR 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1					600.020								1
2													2
3						599.968	599.822				599.700		3
4													4
5					599.965								5
6													6
7													7
8					599.929								8
9													9
10													10
11			599.825	599.996	599.898	599.913		599.648					11
12													12
13				600.035									13
14					599.892								14
15													15
16				600.142									16
17				600.133									17
18													18
19				600.151									19
20					599.871								20
21				600.124	599.862								21
22													22
23													23
24				600.090									24
25													25
26					599.852								26
27													27
28													28
29					599.871								29
30													30
31							599.731						31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 600.151 METRES ON APR 19
MINIMUM OBSERVED DAILY WATER LEVEL, 599.648 METRES ON AUG 11
WATER LEVELS ARE REFERRED TO GEODETIC

MAX. OBSERVED WATER LEVEL, 601.477 METRES ON MAY 10/74
MIN. OBSERVED WATER LEVEL, 599.661 METRES ON OCT 1/79

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 - 1980

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, 882.341 metres on June 16, 1978.

Minimum observed water level, 880.979 metres on October 30, 1979.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

BIGELOW RESERVOIR NEAR WIMBORNE

STATION NO. 05CE901

DAILY WATER LEVEL IN METRES FOR 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1				881.878	881.821	881.795	881.827	881.665	881.547				1
2				881.873	881.823	881.800	881.822	881.663	881.540				2
3				881.870	881.833	881.800	881.822	881.660	881.534				3
4				881.868	881.840	881.799	881.813	881.654	881.532				4
5				881.864	881.846	881.796	881.805	881.647	881.527				5
6				881.855	881.843	881.790	881.802	881.640	881.521				6
7				881.849	881.840	881.795	881.797	881.639	881.518				7
8				881.845	881.834	881.824	881.790	881.629	881.512				8
9				881.843	881.831	881.837	881.787	881.622	881.504				9
10				881.840	881.825	881.839	881.784	881.617	881.493				10
11				881.838	881.821	881.844	881.779	881.613	881.488				11
12				881.832	881.814	881.855	881.774	881.605	881.485				12
13				881.829	881.807	881.855	881.769	881.611	881.486				13
14				881.825	881.800	881.853	881.761	881.609	881.484				14
15				881.819	881.792	881.852	881.758	881.603	881.480				15
16				881.579	881.816	881.787	881.851	881.756	881.599	881.477			16
17				881.701	881.812	881.782	881.848	881.755	881.604	881.474			17
18				881.777	881.810	881.776	881.842	881.747	881.599	881.469			18
19				881.823	881.804	881.768	881.846	881.747	881.594	881.466			19
20				881.854	881.793	881.759	881.841	881.746	881.593	881.462			20
21				881.872	881.796	881.752	881.838	881.739	881.590	881.460			21
22				881.875	881.790	881.744	881.832	881.730	881.585	881.455			22
23				881.887	881.795	881.737	881.831	881.724	881.581	881.449			23
24				881.891	881.815	881.736	881.831	881.719	881.577	881.444			24
25				881.897	881.813	881.738	881.823	881.709	881.572	881.439			25
26				881.894	881.813	881.739	881.818	881.701	881.567	881.439			26
27				881.892	881.820	881.758	881.817	881.694	881.565	881.433			27
28				881.891	881.825	881.767	881.814	881.689	881.560				28
29				881.893	881.827	881.774	881.824	881.682	881.554				29
30				881.886	881.823	881.785	881.833	881.678	881.550				30
31				881.821		881.832	881.832	881.672					31
TOTAL				27336.706	26453.772	27336.655	27334.378	26448.167					TOTAL

SUMMARY FOR THE YEAR 1980

MAXIMUM DAILY WATER LEVEL, 881.897 METRES ON APR 25

A-MANUAL GAUGE

MINIMUM DAILY WATER LEVEL, 881.433 METRES ON APR 15

MAXIMUM INSTANTANEOUS WATER LEVEL, 881.900 METRES AT 01:18 MST ON APR 25

WATER LEVELS ARE REFERRED TO GEODETIC

MEAN
MAX
MIN

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 - 1980

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

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

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

BIG HAY LAKE NEAR HAY LAKES

STATION NO. 05FA905

DAILY WATER LEVEL IN METRES FOR 1980

DAY	JAN	FEB	MAR	APR	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			29.986										11
12											30.203		12
13													13
14													14
15													15
16						30.078							16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL

30.053

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 30.203 METRES ON NOV 13 MAX. OBSERVED WATER LEVEL, 30.270 METRES ON AUG. 2/79
MINIMUM OBSERVED DAILY WATER LEVEL, 29.986 METRES ON MAR 11 MIN. OBSERVED WATER LEVEL, 29.986 METRES ON MAR. 11/80
WATER LEVELS ARE REFERRED TO ASSUMED

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 - 1980

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 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5		650.507											5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16					650.425		650.641						16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31									650.980				31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

MEAN
MAX
MIN

HISTORICAL SUMMARY

SUMMARY FOR THE YEAR 1980

MAXIMUM OBSERVED DAILY WATER LEVEL, 650.980 METRES ON SEP 30
MINIMUM OBSERVED DAILY WATER LEVEL, 650.425 METRES ON MAY 16
WATER LEVELS ARE REFERRED TO GEODETIC

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

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 - 1980

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 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5		682.435											5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15					682.377								15
16													16
17							682.493						17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31									682.502				31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 682.502 METRES ON SEP 30 MAX. OBSERVED WATER LEVEL, 682.822 METRES ON JUN. 10/77
MINIMUM OBSERVED DAILY WATER LEVEL, 682.377 METRES ON MAY 15 MIN. OBSERVED WATER LEVEL, 682.036 METRES ON OCT. 21/69
WATER LEVELS ARE REFERRED TO GEODETIC

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 - 1980

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 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1											640.129		1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11				640.238									11
12													12
13			640.202										13
14													14
15													15
16													16
17				640.302									17
18						640.199							18
19													19
20													20
21													21
22				640.315									22
23													23
24													24
25													25
26													26
27					640.190								27
28													28
29													29
30													30
31						640.205							31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 640.315 METRES ON APR 22 MAX. OBSERVED WATER LEVEL, 640.863 METRES ON MAY 29/74
MINIMUM OBSERVED DAILY WATER LEVEL, 640.129 METRES ON NOV 4 MIN. OBSERVED WATER LEVEL, 638.675 METRES ON OCT. 2/70
WATER LEVELS ARE REFERRED TO GEODETIC

LAKE - STATION DESCRIPTION

STATION NAME: BITTERN LAKE near Bittern Lake

STATION NUMBER: 05FA906

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

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1948; 1955-60; - 1980

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 1980

DAY	JAN	FEB	MAR	APR	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

26.752

26.743

26.877

26.700

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 26.877 METRES ON NOV 13 MAX. OBSERVED WATER LEVEL, 27.209 M ON AUG 2, 1979
MINIMUM OBSERVED DAILY WATER LEVEL, 26.700 METRES ON JUL 31 MIN. OBSERVED WATER LEVEL, 26.600 M ON OCT 19, 1978
WATER LEVELS ARE REFERRED TO ASSUMED

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

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

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

BLACK DUCK LAKE NEAR HINES CREEK

STATION NO. 07FD915

DAILY WATER LEVEL IN METRES FOR 1980

DAY	JAN	FEB	MAR	APR	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							662.365						21
22													22
23													23
24									662.370				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 1980

MAXIMUM OBSERVED DAILY WATER LEVEL, 662.370 METRES ON SEP 24
MINIMUM OBSERVED DAILY WATER LEVEL, 662.365 METRES ON JUL 22
WATER LEVELS ARE REFERRED TO GEODETIC ELEVATION

LAKE - STATION DESCRIPTION

STATION NAME: BLACKMUD LAKE at Marlboro

STATION NUMBER: 07AF901

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

GAUGE TYPE: Staff Gauge.

PERIOD OF RECORD: 1968 - 1980

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 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						962.763			962.856				1
2													2
3													3
4								962.765					4
5													5
6													6
7													7
8						962.884			962.829				8
9													9
10													10
11								962.839					11
12													12
13													13
14													14
15							962.858						15
16						962.855			962.911				16
17													17
18							962.801	962.848					18
19													19
20													20
21					962.334	962.897			962.934				21
22													22
23									962.935				23
24					962.352			962.857					24
25													25
26													26
27													27
28													28
29													29
30							962.775						30
31							962.687						31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 962.935 METRES ON SEP 24
MINIMUM OBSERVED DAILY WATER LEVEL, 962.334 METRES ON MAY 22
WATER LEVELS ARE REFERRED TO GEODETIC ELEVATION

MAX. OBSERVED WATER LEVEL, 963.031 METRES ON SEP. 24/78
MIN. OBSERVED WATER LEVEL, 962.263 METRES ON SEP. 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 - 1980

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 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17							639.278						17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25									639.239				25
26													26
27													27
28													28
29													29
30													30
31	639.342				639.376								31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 639.376 METRES ON MAY 30 MAX. OBSERVED WATER LEVEL, 639.757 METRES ON AUG. 16/67
MINIMUM OBSERVED DAILY WATER LEVEL, 639.239 METRES ON SEP 25 MIN. OBSERVED WATER LEVEL, 639.032 METRES ON OCT. 18/72
WATER LEVELS ARE REFERRED TO GEODETIC

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 - 1980

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

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

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

BUCK LAKE NEAR DRAYTON VALLEY

STATION NO. 05DE901

DAILY WATER LEVEL IN METRES FOR 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1				881.445	881.802	881.905	882.295	881.841	881.856	881.896	881.817	881.805	1
2				881.445	881.802	881.917	882.308	881.829	881.847	881.890	881.811	881.805	2
3				881.448	881.792	881.978	882.295	881.853	881.847	881.890	881.811	881.805	3
4				881.451	881.789	882.100	882.244	881.847	881.847	881.887	881.811	881.805	4
5				881.454	881.783	882.201	882.213	881.844	881.850	881.887	881.808	881.805	5
6				881.454	881.777	882.222	882.183	881.841	881.847	881.884	881.808	881.805	6
7				881.454	881.759	882.228	882.176	881.841	881.844	881.881	881.808	881.805	7
8				881.454	881.753	882.216	882.131	881.838	881.844	881.881	881.802	881.805	8
9				881.457	881.753	882.189	882.100	881.838	881.844	881.863	881.802	881.805	9
10			881.527	881.460	881.750	882.158	882.070	881.841	881.844	881.853	881.802	881.805	10
11				881.472	881.747	882.134	882.067	881.850	881.844	881.847	881.802	881.805	11
12				881.488	881.747	882.106	882.048	881.841	881.850	881.847	881.814	881.805	12
13				881.503	881.747	882.079	882.021	881.838	881.850	881.844	881.808	881.805	13
14				881.521	881.747	882.052	882.009	881.832	881.853	881.847	881.808	881.805	14
15				881.564	881.747	882.030	881.991	881.820	881.853	881.850	881.808	881.805	15
16				881.610	881.738	882.012	881.984	881.820	881.856	881.850	881.808	881.805	16
17				881.655	881.738	882.006	881.975	881.814	881.887	881.847	881.808	881.805	17
18				881.716	881.738	881.975	881.963	881.820	881.917	881.844	881.808	881.805	18
19				881.747	881.738	881.957	881.948	881.820	881.936	881.838	881.808	881.802	19
20				881.759	881.738	881.954	881.939	881.817	881.939	881.838	881.808	881.802	20
21				881.780	881.738	881.948	881.927	881.817	881.945	881.838	881.808	881.802	21
22				881.789	881.728	881.936	881.923	881.817	881.939	881.835	881.808	881.802	22
23				881.789	881.725	881.923	881.917	881.814	881.939	881.835	881.808	881.802	23
24				881.792	881.738	881.948	881.905	881.814	881.927	881.832	881.805	881.802	24
25				881.795	881.753	882.018	881.893	881.817	881.920	881.832	881.805	881.802	25
26				881.795	881.774	882.116	881.875	881.817	881.920	881.829	881.805	881.802	26
27				881.799	881.829	882.146	881.875	881.823	881.917	881.829	881.805	881.802	27
28				881.799	881.859	882.173	881.859	881.829	881.917	881.826	881.805	881.802	28
29				881.799	881.881	882.186	881.853	881.853	881.914	881.820	881.805	881.802	29
30				881.799	881.887	882.250	881.850	881.859	881.914	881.820	881.805	881.802	30
31				881.902	881.902		881.844	881.863		881.817		881.802	31
TOTAL	26448.493	27334.999	26462.063	27342.681	27336.808	26456.507	27337.377	26454.219	27335.916				

MEAN	881.616	881.774	882.069	882.022	881.833	881.884	881.851	881.807	881.804	MEAN
MAX	881.799	881.902	882.250	882.308	881.863	881.945	881.896	881.817	881.805	MAX
MIN	881.445	881.725	881.905	881.844	881.814	881.844	881.817	881.802	881.802	MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 882.308 METRES ON JUL 2 MAX. OBSERVED WATER LEVEL, 882.652 METRES ON JUN. 30/65
MINIMUM OBSERVED DAILY WATER LEVEL, 881.445 METRES ON APR 1 MIN. OBSERVED WATER LEVEL, 881.198 METRES ON NOV. 11/66
WATER LEVELS ARE REFERRED TO GEODETIC

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 - 1980

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 1980

DAY	JAN	FEB	MAR	APR	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					730.339								15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25							730.158					730.196	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 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 730.339 METRES ON MAY 14 MAX. OBSERVED WATER LEVEL, 730.795 METRES ON JUN. 2/77
MINIMUM OBSERVED DAILY WATER LEVEL, 730.158 METRES ON JUL 24 MIN. OBSERVED WATER LEVEL, 730.264 METRES ON DEC. 6/79
WATER LEVELS ARE REFERRED TO GEODETIC ELEVATION

LAKE - STATION DESCRIPTION

STATION NAME: BUFFALO LAKE near Stettler

STATION NUMBER: 05CD901

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

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1942; 1956 - 1980

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

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

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

BUFFALO LAKE NEAR STEITLER

STATION NO. 05CD901

DAILY WATER LEVEL IN METRES FOR 1980

DAY	JAN	FEB	MAR	APR	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

780.538

780.456

780.459

780.139

MEAN
MAX
MIN

MEAN
MAX
MIN

HISTORICAL SUMMARY

SUMMARY FOR THE YEAR 1930
 MAXIMUM OBSERVED DAILY WATER LEVEL, 730.538 METRES ON FEB 20
 MINIMUM OBSERVED DAILY WATER LEVEL, 730.139 METRES ON OCT 30
 WATER LEVELS ARE REFERRED TO GEODETIC
 MAX. OBSERVED WATER LEVEL, 781.093 METRES ON AUG. 10/42
 MIN. OBSERVED WATER LEVEL, 779.493 METRES ON SEP. 10/64

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 - 1980

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

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

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

BURNSTICK LAKE NEAR SUNDRE

STATION NO. 05CA903

DAILY WATER LEVEL IN METRES FOR 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1											1186.062		1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15		1186.202			1186.071								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

1186.163

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 1186.202 METRES ON FEB 14 MAX. OBSERVED WATER LEVEL, 1186.401 METRES ON JUL. 21/71
MINIMUM OBSERVED DAILY WATER LEVEL, 1186.062 METRES ON NOV 5 MIN. OBSERVED WATER LEVEL, 1184.849 METRES ON JAN. 22/76
WATER LEVELS ARE REFERRED TO GEODETIC

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
VANCOUVER, B.C.

CACHE LAKE NEAR SPEDDEN

STATION NO. 05ED903

DAILY WATER LEVEL IN METRES FOR 1980

DAY	JAN	FEB	MAR	APR	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	634.618				634.603		634.539		634.499				TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 634.618 METRES ON JAN 31 MAX. OBSERVED WATER LEVEL, 634.938 METRES ON JUN. 8/79

MINIMUM OBSERVED DAILY WATER LEVEL, 634.499 METRES ON SEP 25 MIN. OBSERVED WATER LEVEL, 633.292 METRES ON OCT. 31/67
WATER LEVELS ARE REFERRED TO GEODETIC

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 - 1980

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 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1											693.200		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					693.240								27
28													28
29													29
30													30
31													31
TOTAL													TOTAL

693.240

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 693.255 METRES ON MAR 13
MINIMUM OBSERVED DAILY WATER LEVEL, 693.200 METRES ON NOV 4
WATER LEVELS ARE REFERRED TO GEODETIC
MAX. OBSERVED WATER LEVEL, 693.969 METRES ON JUL. 11/74
MIN. OBSERVED WATER LEVEL, 693.085 METRES ON OCT. 5/77

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 - 1980

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 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1							644.092						1
2						644.224	644.090						2
3													3
4													4
5													5
6						644.219	644.038	644.007					6
7						644.191	644.038	644.007					7
8													8
9					644.254								9
10					644.254								10
11					644.244			644.004					11
12					644.244			643.999					12
13					644.244	644.179	644.085		643.957				13
14					644.244	644.146							14
15					644.234								15
16					644.244				643.955				16
17						644.147	644.061		643.963				17
18							644.053		643.964				18
19						644.146							19
20													20
21					644.224			643.960					21
22						644.117	644.043		643.982				22
23						644.118	644.043		643.986				23
24					644.234				643.992				24
25													25
26					644.234				643.992				26
27					644.234								27
28					644.234								28
29					644.234								29
30					644.224								30
31					644.224								31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 644.254 METRES ON MAY 9 MAX. OBSERVED WATER LEVEL, 644.646 METRES ON JUN 13/79
MINIMUM OBSERVED DAILY WATER LEVEL, 643.955 METRES ON SEP 16 MIN. OBSERVED WATER LEVEL, 643.533 METRES ON NOV 3/67
WATER LEVELS ARE REFERRED TO GEODETIC

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 - 1980

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 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5		853.891											5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15					853.906		854.287						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									854.208				TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 854.287 METRES ON JUL 15
MINIMUM OBSERVED DAILY WATER LEVEL, 853.891 METRES ON FEB 5
WATER LEVELS ARE REFERRED TO GEODETIC

MAX. OBSERVED WATER LEVEL, 854.287 METRES ON JUL. 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 - 1980

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 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1							807.038						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								806.196					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

807.949

807.141

805.800

806.196

805.709

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 807.949 METRES ON APR 18
MINIMUM OBSERVED DAILY WATER LEVEL, 805.709 METRES ON NOV 14
WATER LEVELS ARE REFERRED TO GEODETIC ELEVATION

MAX. OBSERVED WATER LEVEL, 809.702 METRES ON MAY 15/79
MIN. OBSERVED WATER LEVEL, 850.709 METRES ON NOV 12/80

MEAN
MAX
MIN

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 - 1980

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 1980

DAY	JAN	FEB	MAR	APR	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							615.080						17
18													18
19													19
20													20
21													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 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 615.080 METRES ON JUL 17
MINIMUM OBSERVED DAILY WATER LEVEL, 615.053 METRES ON JAN 30
WATER LEVELS ARE REFERRED TO GEODETIC

MAX. OBSERVED WATER LEVEL, 615.964 METRES ON JUL. 23/72
MIN. OBSERVED WATER LEVEL, 615.019 METRES ON FEB. 22/77

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 - 1980

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 1980

DAY	JAN	FEB	MAR	APR	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							548.759						16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29	548.908				548.832								29
30													30
31													31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 548.908 METRES ON JAN 29 MAX. OBSERVED WATER LEVEL, 549.878 METRES ON MAY 30/75
MINIMUM OBSERVED DAILY WATER LEVEL, 548.759 METRES ON JUL 16 MIN. OBSERVED WATER LEVEL, 548.594 METRES ON JAN. 23/74
WATER LEVELS ARE REFERRED TO GEODETIC

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 - 1980

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 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1										736.781			1
2													2
3													3
4			736.805										4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16					736.778								16
17													17
18													18
19													19
20							736.790						20
21													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 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 736.805 METRES ON MAR 4 MAX. OBSERVED WATER LEVEL, 737.061 METRES ON AUG. 7/79
MINIMUM OBSERVED DAILY WATER LEVEL, 736.778 METRES ON MAY 16 MIN. OBSERVED WATER LEVEL, 735.641 METRES ON OCT. 20/72
WATER LEVELS ARE REFERRED TO GEODETIC

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 - 1980

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

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

CHICKENHILL LAKE NEAR ST. PAUL

STATION NO. 06AC903

DAILY WATER LEVEL IN METRES FOR 1980

DAY	JAN	FEB	MAR	APR	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							622.289						16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25									622.243				25
26													26
27													27
28													28
29													29
30	622.344				622.350								30
31													31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 622.350 METRES ON MAY 29 MAX. OBSERVED WATER LEVEL, 622.819 METRES ON JUN. 12/74
MINIMUM OBSERVED DAILY WATER LEVEL, 622.243 METRES ON SEP 24 MIN. OBSERVED WATER LEVEL, 622.243 METRES ON SEP. 24/80
WATER LEVELS ARE REFERRED TO GEODETIC

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 - 1980

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.

DAILY WATER LEVEL IN METRES FOR 1980													
DAY	JAN	FEB	MAR	APR	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					672.776								15
16													16
17													17
18													18
19													19
20											672.540		20
21													21
22						672.601							22
23									672.555				23
24										672.574			24
25													25
26													26
27					672.685			672.552					27
28													28
29													29
30													30
31													31

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 672.776 METRES ON MAY 14 MAX. OBSERVED WATER LEVEL, 673.553 M ON MAY 3, 1977
MINIMUM OBSERVED DAILY WATER LEVEL, 672.540 METRES ON NOV 20 MIN. OBSERVED WATER LEVEL, 672.764 M ON OCT 1, 1979
WATER LEVELS ARE REFERRED TO GEODETIC ELEVATION

LAKE - STATION DESCRIPTION

STATION NAME: CLAUDE LAKE near Lac La Biche

STATION NUMBER: 07CA903

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

GAUGE TYPE: Staff Gauge.

PERIOD OF RECORD: 1975 - 1980

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 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1								566.933					1
2								566.953	566.973				2
3								567.003	566.973				3
4								567.013	566.973				4
5					567.048	567.001							5
6									566.964				6
7					567.048	566.991	567.013		566.964				7
8					567.038	566.992	567.013		566.954				8
9													9
10													10
11					567.029	566.982	567.013						11
12						566.982	567.013	566.954					12
13					567.029	566.982	567.013	566.954					13
14						566.979	567.013	566.954					14
15					567.019	566.982	567.013	566.954					15
16						567.019	566.972	566.954					16
17						567.019	566.972	566.954					17
18						567.020	567.003	566.954					18
19							567.003	566.954					19
20													20
21													21
22						567.020		566.959					22
23													23
24						567.020							24
25													25
26					567.037								26
27						567.020	566.932						27
28	566.998				567.047		566.932						28
29							566.932						29
30							566.932						30
31					567.047		566.932	566.973					31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 567.048 METRES ON JUN 5 MAX. OBSERVED WATER LEVEL, 567.922 METRES ON JUL. 29/75
MINIMUM OBSERVED DAILY WATER LEVEL, 566.932 METRES ON JUL 28 MIN. OBSERVED WATER LEVEL, 566.879 METRES ON OCT. 17/77
WATER LEVELS ARE REFERRED TO GEODETIC

LAKE - STATION DESCRIPTION

STATION NAME: CLEAR LAKE near Stavely

STATION NUMBER: 05AC901

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

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1977 - 1980

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 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						964.250			963.909				1
2													2
3													3
4													4
5													5
6													6
7							964.113						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

964.308

964.006

964.128

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 964.308 METRES ON APR 23
MINIMUM OBSERVED DAILY WATER LEVEL, 963.909 METRES ON SEP 4
WATER LEVELS ARE REFERRED TO GEODETIC

MAX. OBSERVED WATER LEVEL, 964.808 METRES ON APR. 28/78
MIN. OBSERVED WATER LEVEL, 963.351 METRES ON NOV. 6/79

MEAN
MAX
MIN

MEAN
MAX
MIN

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 - 1980

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

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

COW LAKE HEAR ROCKY MOUNTAIN HOUSE

STATION NO. 05DC902

DAILY WATER LEVEL IN METRES FOR 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5											1035.348		5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14		1035.451			1035.290								14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25							1035.442						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 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 1035.451 METRES ON FEB 14 MAX. OBSERVED WATER LEVEL, 1035.482 METRES ON MAY 17/79
MINIMUM OBSERVED DAILY WATER LEVEL, 1035.290 METRES ON MAY 14 MIN. OBSERVED WATER LEVEL, 1035.189 METRES ON SEP. 13/79
WATER LEVELS ARE REFERRED TO GEODETIC

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 - 1980

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 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1					966.694	966.734	966.734	966.719					1
2					966.707	966.731	966.731	966.725					2
3					966.719	966.731	966.728	966.728					3
4					966.731	966.731	966.731	966.731					4
5					966.734	966.728	966.734	966.734					5
6					966.737	966.731	966.731	966.737					6
7					966.737	966.728	966.728	966.740			966.722		7
8					966.734	966.725	966.725	966.746					8
9					966.734	966.722	966.722	966.746					9
10					966.731	966.728	966.728	966.749					10
11					966.731	966.731	966.731	966.749					11
12					966.731	966.734	966.752	966.752					12
13	966.725				966.728	966.737	966.749	966.749					13
14					966.725	966.740	966.746	966.746					14
15					966.722	966.743	966.746	966.746					15
16					966.621	966.719	966.746	966.743					16
17					966.618	966.722	966.749	966.743					17
18					966.615	966.722	966.755	966.740					18
19					966.609	966.722	966.758	966.737					19
20					966.600	966.722	966.755	966.737					20
21					966.594	966.719	966.752	966.734					21
22					966.591	966.722	966.749	966.731					22
23					966.606	966.725	966.728	966.731					23
24					966.637	966.725	966.743	966.731					24
25					966.664	966.728	966.740	966.731					25
26					966.688	966.731	966.737	966.731					26
27					966.694	966.734	966.734	966.731					27
28					966.698	966.731	966.734	966.734					28
29					966.701	966.734	966.731	966.734					29
30					966.701	966.734	966.728	966.737					30
31					966.698	966.722	966.734	966.734					31
TOTAL					29001.785	29968.856	29968.853						TOTAL

MEAN
MAX
MIN

966.726 966.737 966.737
966.737 966.758 966.752
966.694 966.722 966.719

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 966.758 METRES ON JUL 19 MAX. OBSERVED WATER LEVEL, 967.551 METRES ON JUN. 3/65
MINIMUM OBSERVED DAILY WATER LEVEL, 966.591 METRES ON MAY 22 MIN. OBSERVED WATER LEVEL, 966.591 METRES ON MAY 22/80
WATER LEVELS ARE REFERRED TO GEODETIC

LAKE - STATION DESCRIPTION

STATION NAME: CROW INDIAN LAKE

STATION NUMBER: 05AF901

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

GAUGE TYPE: Staff Gauge.

PERIOD OF RECORD: 1977 - 1980

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 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5													5
6										28.431			6
7													7
8													8
9													9
10													10
11													11
12												28.718	12
13													13
14													14
15													15
16													16
17													17
18													18
19				28.420									19
20													20
21													21
22													22
23													23
24													24
25													25
26					28.368								26
27													27
28													28
29													29
30						28.429		28.307					30
31								28.078					31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1980

MAXIMUM OBSERVED DAILY WATER LEVEL, 28.718 METRES ON NOV 12 MAX. OBSERVED WATER LEVEL, 28.993 M ON SEPT 5, 1978
MINIMUM OBSERVED DAILY WATER LEVEL, 28.078 METRES ON AUG 29 MIN. OBSERVED WATER LEVEL, 28.078 M ON AUG 29, 1980
WATER LEVELS ARE REFERRED TO ASSUMED DATUM

LAKE - STATION DESCRIPTION

STATION NAME: CRYSTAL LAKE near Grande Prairie

STATION NUMBER: 07GE903

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

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1968; 1972-73, 1975 - 1980

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 1980

DAY	JAN	FEB	MAR	APR	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					681.458								15
16													16
17													17
18													18
19											681.538		19
20													20
21													21
22													22
23													23
24													24
25	681.472						681.416		681.415		681.344		25
26													26
27						681.430		681.337					27
28													28
29													29
30													30
31													31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 681.472 METRES ON JAN 25 MAX. OBSERVED WATER LEVEL, 681.777 METRES ON MAY 10/77
MINIMUM OBSERVED DAILY WATER LEVEL, 681.337 METRES ON AUG 27 MIN. OBSERVED WATER LEVEL, 681.429 METRES ON NOV. 29/79
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 - 1980

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 1980

DAY	JAN	FEB	MAR	APR	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					716.194								16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25							716.095			716.039			25
26													26
27													27
28													28
29													29
30							716.068						30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 716.194 METRES ON MAY 16 MAX. OBSERVED WATER LEVEL, 716.524 METRES ON JUN. 3/77
 MINIMUM OBSERVED DAILY WATER LEVEL, 716.039 METRES ON SEP 23 MIN. OBSERVED WATER LEVEL, 716.097 METRES ON JAN. 17/79
 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: Recording.

PERIOD OF RECORD: 1979 - 1980

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

REMARKS: Recorder operated during open water season. Data also published by Water Survey of Canada in "Surface Water Data, Alberta."
The Cygnet Lake Drainage District has a stabilization structure on this lake. This steel sheet pile structure was constructed in 1975. (F.S.L. = 931.47 metres.)

HISTORICAL SUMMARY

Maximum observed water level, 931.563 metres on June 30, 1980.

Minimum observed water level, 930.786 metres on October 6, 1979.

DAILY WATER LEVEL IN METRES FOR 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1				931.468	931.487	931.537	931.358	931.261	931.277				1
2	931.494	931.519	931.547	931.528	931.270	931.248							2
3	931.511	931.498	931.459	931.300	931.232								3
4	931.480	931.537	931.444	931.410	931.267	931.233							4
5	931.462	931.539	931.434	931.372	931.255	931.230							5
6	931.432	931.520	931.429	931.368	931.245	931.224							6
7	931.454	931.511	931.426	931.326	931.270	931.220							7
8	931.447	931.504	931.443	931.263	931.262	931.232							8
9	931.506	931.506	931.431	931.291	931.241	931.306							9
10	931.460	931.502	931.435	931.306	931.238	931.236							10
11	931.455	931.500	931.459	931.311	931.265	931.213							11
12	931.451	931.487	931.452	931.299	931.256	931.202							12
13	931.463	931.463	931.438	931.287	931.260	931.216							13
14	931.445	931.466	931.430	931.286	931.268	931.251							14
15	931.435	931.465	931.432	931.293	931.345	931.240							15
16	931.436	931.472	931.431	931.291	931.263	931.229							16
17	931.438	931.454	931.444	931.296	931.296	931.249							17
18	931.445	931.470	931.418	931.329	931.252	931.232							18
19	931.438	931.476	931.412	931.308	931.251	931.226							19
20	931.442	931.399	931.392	931.299	931.269	931.213 E							20
21	931.446	931.369	931.389	931.310	931.283	931.198							21
22	931.431	931.217	931.380	931.282	931.264	931.180							22
23	931.386 A	931.436	931.396	931.261	931.279	931.175							23
24	931.382	931.507	931.388	931.294	931.284	931.169							24
25	931.505	931.514	931.377	931.313	931.259	931.162							25
26	931.484	931.529	931.489	931.381	931.257	931.162							26
27	931.498	931.512	931.521	931.387	931.253	931.155 A							27
28	931.501	931.503	931.501	931.375	931.331	931.155 E							28
29	931.520	931.508	931.527	931.393	931.285	931.155 E							29
30	931.494	931.494	931.383	931.275	931.265	931.155 E							30
31	931.480		931.374	931.281		931.155 E							31
TOTAL	28875.477	27944.410	28874.155	28870.622	27937.963	28867.530							TOTAL

MEAN 931.467 931.480 931.424 931.310 931.265 931.211

MAX 931.529 931.563 931.547 931.459 931.345 931.306

MIN 931.431 931.217 931.374 931.253 931.238 931.155

SUMMARY FOR THE YEAR 1980

MAXIMUM DAILY WATER LEVEL, 931.563 METRES ON JUN 30

A-MANUAL GAUGE

MINIMUM DAILY WATER LEVEL, 931.155 METRES ON OCT 27

E-ESTIMATED

MAXIMUM INSTANTANEOUS WATER LEVEL, 931.571 METRES AT 23:45 MST ON MAY 25

WATER LEVELS ARE REFERRED TO GEODETIC

LAKE - STATION DESCRIPTION

STATION NAME: DAKIN LAKE near Atmore

STATION NUMBER: 07CA904

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

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1974 - 1980

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 1980

DAY	JAN	FEB	MAR	APR	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							604.153						15
16													16
17													17
18													18
19													19
20													20
21													21
22									604.275				22
23													23
24													24
25													25
26					604.232								26
27													27
28	604.324												28
29													29
30													30
31													31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 604.324 METRES ON JAN 28 MAX. OBSERVED WATER LEVEL, 604.638 METRES ON OCT. 6/75
MINIMUM OBSERVED DAILY WATER LEVEL, 604.153 METRES ON JUL 14 MIN. OBSERVED WATER LEVEL, 604.062 METRES ON JUL. 4/78
WATER LEVELS ARE REFERRED TO GEODETIC

LAKE - STATION DESCRIPTION

STATION NAME: DAPP LAKE near Westlock

STATION NUMBER: 07BC903

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

GAUGE TYPE: Staff Gauge

PERIOD OF RECORD: 1980

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 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1									638.839				1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11								638.888					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									638.773				29
30													30
31													31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1980

MAXIMUM OBSERVED DAILY WATER LEVEL, 638.888 METRES ON AUG 11

MINIMUM OBSERVED DAILY WATER LEVEL, 638.773 METRES ON SEP 29
WATER LEVELS ARE REFERRED TO GEODETIC

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 - 1980

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 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1										711.818			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					711.964								16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL

711.828

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 711.964 METRES ON MAY 16
MINIMUM OBSERVED DAILY WATER LEVEL, 711.818 METRES ON OCT 2
WATER LEVELS ARE REFERRED TO GEODETIC ELEVATION
MAX. OBSERVED WATER LEVEL, 712.403 METRES ON JUN. 3/77
MIN. OBSERVED WATER LEVEL, 711.912 METRES ON JAN. 10/79

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 - 1980

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 1980													
DAY		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY	
1							620.588	620.563	620.521					1	
2								620.558	620.518					2	
3								620.555	620.518					3	
4							620.591	620.552	620.522					4	
5							620.593	620.548	620.525					5	
6								620.545	620.528					6	
7							620.593	620.545						7	
8							620.588	620.543						8	
9							620.583	620.542						9	
10							620.583	620.544						10	
11							620.583	620.541						11	
12						620.649	620.581	620.539						12	
13						620.643	620.578	620.539						13	
14						620.643	620.578	620.539						14	
15						620.640	620.578	620.538						15	
16						620.635	620.578							16	
17						620.633	620.581							17	
18						620.630	620.558							18	
19			620.814			620.628	620.553							19	
20						620.621	620.548							20	
21						620.618	620.544	620.542						21	
22						620.613	620.538	620.530						22	
23						620.610	620.533	620.533						23	
24						620.608	620.532	620.532						24	
25						620.603	620.543	620.531						25	
26							620.543	620.531						26	
27						620.608	620.558	620.528						27	
28						620.604	620.578	620.528						28	
29						620.598	620.578	620.527						29	
30						620.593	620.573	620.525						30	
31						620.590		620.523						31	
TOTAL															

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 620.814 METRES ON FEB 19 MAX. OBSERVED WATER LEVEL, 621.140 METRES ON AUG. 1/75
MINIMUM OBSERVED DAILY WATER LEVEL, 620.436 METRES ON OCT 29 MIN. OBSERVED WATER LEVEL, 620.436 METRES ON OCT. 29/80
WATER LEVELS ARE REFERRED TO GEODETIC

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 - 1980

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 1980

DAY	JAN	FEB	MAR	APR	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					682.972								16
17													17
18													18
19													19
20													20
21									682.899				21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31							682.884						31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 682.972 METRES ON MAY 16 MAX. OBSERVED WATER LEVEL 683.548 METRES ON AUG 26/76
MINIMUM OBSERVED DAILY WATER LEVEL, 682.884 METRES ON JUL 29 MIN. OBSERVED WATER LEVEL 682.850 METRES ON SEP 27/79
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 - 1980

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 1980

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

790.749

DRY

790.782

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 790.782 METRES ON JUL 22 MAX. OBSERVED WATER LEVEL, 792.788 METRES ON APR. 19/58

MINIMUM OBSERVED DAILY WATER LEVEL, DRY ON FEB 19 MIN. OBSERVED WATER LEVEL, DRY METRES ON NUMEROUS OCCASION
WATER LEVELS ARE REFERRED TO GEODETIC

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 - 1980

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.

DRIEDMEAI LAKE NEAR CAMROSE

STATION NO. 05FA907

DAILY WATER LEVEL IN METRES FOR 1980

DAY	JAN	FEB	MAR	APR	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

684.160

684.541

684.602

684.663

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 684.663 METRES ON JUL 31

MAX. OBSERVED WATER LEVEL, 689.177 METRES ON MAY 2/74

MINIMUM OBSERVED DAILY WATER LEVEL, 684.160 METRES ON MAR 11

MIN. OBSERVED WATER LEVEL, 682.990 METRES ON NOV. 28/73

WATER LEVELS ARE REFERRED TO GEODETIC

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 - 1980

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, 684.599 metres on June 10, 1977.

Minimum observed water level, 684.142 metres on September 27, 1976.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

DRIEDMEAT LAKE AT OUTFLOW

STATION NO. 05FA020

DAILY WATER LEVEL IN METRES FOR 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1				684.830	684.518	684.673	684.699	684.776	684.900				1
2				684.811	684.516	684.678	684.709	684.809	684.868				2
3				684.836	684.505	684.676	684.799	684.816	684.857				3
4				684.799	684.550	684.682	684.753	684.809	684.862				4
5				684.775	684.597	684.704	684.730	684.820	684.845				5
6				684.743	684.559	684.711	684.734	684.829	684.835				6
7				684.728	684.549	684.699	684.747	684.866	684.825				7
8				684.383 E	684.532	684.711	684.737	684.849	684.845				8
9				684.453 E	684.708	684.543	684.738	684.852	684.839				9
10				684.514	684.703	684.547	684.749	684.864	684.783				10
11				684.576	684.683	684.574	684.732	684.742	684.899	684.757			11
12				684.647	684.666	684.559	684.723	684.731	684.872	684.758			12
13				684.749	684.655	684.733	684.724	684.884	684.754	684.754			13
14				684.842	684.644	684.565	684.738	684.710	684.890	684.750			14
15				684.906	684.626	684.559	684.758	684.728	684.911	684.739			15
16				684.943	684.623	684.560	684.771	684.713	684.880	684.719			16
17				684.968	684.610	684.569	684.781	684.709	684.912	684.719			17
18				684.987	684.617	684.567	684.772	684.727	684.894	684.713			18
19				684.997	684.589	684.589	684.766	684.702	684.903	684.710			19
20				685.028	684.582	684.576	684.746	684.708	684.920	684.692			20
21				685.038	684.581	684.599	684.750	684.703	684.914	684.694			21
22				684.990	684.564	684.578	684.736	684.681	684.905	684.690			22
23				685.009	684.584	684.585	684.760	684.683	684.911	684.682			23
24				684.982	684.579	684.619	684.754	684.705	684.915	684.675			24
25				684.987	684.595	684.617	684.736	684.691	684.890	684.655			25
26				684.931	684.556	684.604	684.737	684.664	684.891	684.670			26
27				684.918	684.552	684.651	684.734	684.683	684.893	684.672			27
28				684.914	684.549	684.653	684.720	684.731	684.894	684.675			28
29				684.917	684.558	684.663	684.727	684.725	684.886	684.675 E			29
30				684.879	684.535	684.686	684.723	684.754	684.899	684.678 E			30
31				684.503		684.708	684.776						31
TOTAL				21224.103	20537.358	21226.570	21226.385	20546.253	21227.214				TOTAL
MEAN				684.649	684.579	684.728	684.722	684.875	684.749				MEAN
MAX				684.835	684.686	684.781	684.799	684.920	684.900				MAX
MIN				684.503	684.505	684.673	684.664	684.776	684.655				MIN

SUMMARY FOR THE YEAR 1980

MAXIMUM DAILY WATER LEVEL, 685.038 METRES ON APR 21

MINIMUM DAILY WATER LEVEL, 684.316 METRES ON APR 7

MAXIMUM INSTANTANEOUS WATER LEVEL, 685.058 METRES AT 12:09 MST ON APR 21
WATER LEVELS ARE REFERRED TO GEODETIC

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 - 1980

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

REMARKS: Geodetic Elevation verified April 1978.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

EARLIE LAKE NEAR KITSICOTY

STATION NO. 05FE903

DAILY WATER LEVEL IN METRES FOR 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1											652.485		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

652.635

652.485

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 652.635 METRES ON MAY 27 MAX. OBSERVED WATER LEVEL, 653.141 M ON MAY 29, 1974
MINIMUM OBSERVED DAILY WATER LEVEL, 652.485 METRES ON NOV 4 MIN. OBSERVED WATER LEVEL, 652.485 M ON NOV 4, 1980
WATER LEVELS ARE REFERRED TO GEODETIC

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 - 1980

HYDROGRAPHIC SURVEY MAP AVAILABLE:

~~YES~~/NO

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

ECCLIES POND NEAR HINTON

STATION NO. 07AD901

DAILY WATER LEVEL IN METRES FOR 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						1081.048		1081.279	1081.237				1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9					1081.200		1081.275		1081.210				9
10													10
11													11
12	1081.049												12
13													13
14													14
15													15
16													16
17						1081.181							17
18													18
19										1081.242			19
20													20
21													21
22					1081.086								22
23						1081.232			1081.258				23
24													24
25					1081.107					1081.241			25
26													26
27													27
28													28
29													29
30						1081.243			1081.251				30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 1081.279 METRES ON AUG 4 MAX. OBSERVED WATER LEVEL, 1081.562 M ON JUNE 1, 1977
MINIMUM OBSERVED DAILY WATER LEVEL, 1081.048 METRES ON JUN 2 MIN. OBSERVED WATER LEVEL, 1080.970 M ON JAN 26, 1976
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 - 1980

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 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1										735.699			1
2													2
3													3
4			735.354										4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16					735.504								16
17													17
18													18
19							735.626						19
20													20
21													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 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 735.699 METRES ON OCT 2 MAX. OBSERVED WATER LEVEL, 736.162 METRES ON MAY 9/72
MINIMUM OBSERVED DAILY WATER LEVEL, 735.354 METRES ON MAR 4 MIN. OBSERVED WATER LEVEL, 735.135 METRES ON SEP. 11/68
WATER LEVELS ARE REFERRED TO GEODETIC

LAKE - STATION DESCRIPTION

STATION NAME: ELKWATER LAKE near Irvine

STATION NUMBER: 05AH902

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

GAUGE TYPE: Staff Gauge.

PERIOD OF RECORD: 1913; 1916; 1934; 1940; 1977 - 1980

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 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						1226.068		1225.989					1
2													2
3													3
4													4
5													5
6					1226.073				1225.921				6
7													7
8													8
9													9
10						1226.070		1226.011					10
11													11
12					1226.062							1225.828	12
13													13
14													14
15													15
16													16
17						1226.080		1226.006					17
18													18
19													19
20					1226.038				1225.908				20
21													21
22													22
23													23
24						1226.070		1225.985					24
25													25
26													26
27					1226.054								27
28													28
29													29
30													30
31								1225.970					31
TOTAL													

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 1226.089 METRES ON JUN 16 MAX. OBSERVED WATER LEVEL, 1226.378 METRES ON MAY 15/79
MINIMUM OBSERVED DAILY WATER LEVEL, 1225.828 METRES ON NOV 12 MIN. OBSERVED WATER LEVEL, 1225.729 METRES ON NOV 17/77
WATER LEVELS ARE REFERRED TO GEODETIC ELEVATION

MEAN
MAX
MIN

LAKE - STATION DESCRIPTION

STATION NAME: ETHEL LAKE near Cold Lake

STATION NUMBER: 06AC904

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

GAUGE TYPE: Staff Gauge.

PERIOD OF RECORD: 1973 - 1980

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

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

DAILY WATER LEVEL IN METRES FOR 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1					540.920	540.876	540.816	540.711	540.834	540.835			1
2					540.919	540.876	540.816	540.722	540.836	540.835			2
3					540.919	540.812	540.736	540.839	540.839	540.833			3
4					540.919	540.877	540.808	540.754	540.841	540.833			4
5					540.917	540.878	540.798	540.761	540.841	540.835	540.975		5
6					540.916	540.876	540.798	540.763	540.843	540.835			6
7					540.915	540.874	540.791	540.783	540.840	540.837			7
8					540.912	540.870	540.788	540.788	540.838	540.837			8
9					540.910	540.866	540.786	540.794	540.840	540.839			9
10					540.908	540.868	540.855	540.800	540.841	540.843			10
11					540.903	540.864	540.770	540.801	540.835	540.861			11
12					540.897	540.856	540.765	540.805	540.829	540.871			12
13			540.721	540.721	540.897	540.848	540.761	540.807	540.826	540.881			13
14					540.893	540.849	540.755	540.810	540.828	540.905			14
15	540.746					540.851	540.748	540.812	540.830				15
16				540.762	540.889	540.849	540.744	540.812	540.837	540.935			16
17					540.883	540.847	540.744	540.812	540.845	540.945	540.970		17
18					540.888	540.845	540.741	540.817	540.847	540.957			18
19					540.886	540.842	540.733	540.821	540.850	540.971			19
20					540.886	540.837	540.731	540.824	540.850	540.985			20
21					540.881	540.832	540.729	540.822	540.854	540.989			21
22					540.875	540.826	540.728	540.818	540.853	540.991			22
23					540.865	540.821	540.726	540.821	540.855	540.994			23
24					540.866	540.817	540.725	540.827	540.853				24
25					540.867	540.819	540.725	540.825	540.851				25
26					540.872	540.817	540.715	540.824	540.849				26
27			540.749		540.874	540.817	540.714	540.825	540.847				27
28					540.878	540.819	540.712	540.826	540.845				28
29					540.882	540.811	540.710	540.827	540.841				29
30					540.883	540.809	540.701	540.830	540.839				30
31					540.877		540.695	540.833					31
TOTAL						16225.413	16763.440	16764.811	16225.257				TOTAL

MEAN	540.847	540.756	540.800	540.842									MEAN
MAX	540.878	540.855	540.833	540.855									MAX
MIN	540.809	540.695	540.711	540.826									MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 540.994 METRES ON OCT 23 MAX. OBSERVED WATER LEVEL, 541.215 METRES ON JUN. 1/78
MINIMUM OBSERVED DAILY WATER LEVEL, 540.695 METRES ON JUL 31 MIN. OBSERVED WATER LEVEL, 540.587 METRES ON NOV. 5/79
WATER LEVELS ARE REFERRED TO GEODETIC

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 - 1980

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 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1										29.203			1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL

29.322

29.160

29.206

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 29.322 METRES ON FEB 13
MINIMUM OBSERVED DAILY WATER LEVEL, 29.160 METRES ON MAY 14
WATER LEVELS ARE REFERRED TO ASSUMED

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 - 1980

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 1980

DAY	JAN	FEB	MAR	APR	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					670.925								15
16													16
17													17
18													18
19													19
20											670.559	670.668	20
21													21
22							670.795						22
23									670.767				23
24										670.724			24
25													25
26						670.877		670.744					26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 670.925 METRES ON MAY 14 MAX. OBSERVED WATER LEVEL, 671.456 M ON MAY 30, 1979
MINIMUM OBSERVED DAILY WATER LEVEL, 670.559 METRES ON NOV 20 MIN. OBSERVED WATER LEVEL, 670.173 M ON NOV 10, 1978
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 - 1980

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/~~NO~~

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

FICKLE LAKE NEAR EDSON

STATION NO. 07AF903

DAILY WATER LEVEL IN METRES FOR 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						29.733		29.712	29.752	29.791			1
2													2
3													3
4													4
5													5
6													6
7							29.934						7
8						30.059			29.758				8
9													9
10													10
11	29.873							29.718					11
12					29.748		29.819						12
13									29.730				13
14													14
15													15
16					30.120								16
17								29.715					17
18													18
19													19
20													20
21						29.809			29.873				21
22													22
23					30.224								23
24													24
25					29.718			29.684					25
26													26
27													27
28							29.739		29.809				28
29													29
30													30
31													31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 30.224 METRES ON JUN 23 MAX. OBSERVED WATER LEVEL, 30.224 M ON JUN 22, 1980
MINIMUM OBSERVED DAILY WATER LEVEL, 29.684 METRES ON AUG 25 MIN. OBSERVED WATER LEVEL, 29.416 M ON AUG 3, 1972
WATER LEVELS ARE REFERRED TO ASSUMED

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 - 1980

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

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

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

FISH LAKE NEAR NORDEGG

STATION NO. 05DC904

DAILY WATER LEVEL IN METRES FOR 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						1336.825		1336.815	1336.795				1
2						1336.835		1336.815		1336.815			2
3						1336.855		1336.815		1336.815			3
4								1336.805	1336.785	1336.815			4
5								1336.795					5
6						1337.065			1336.785	1336.825	1336.807		6
7						1337.065			1336.795	1336.805			7
8						1337.075		1336.805	1336.795	1336.805			8
9						1337.055		1336.805	1336.795				9
10						1337.045		1336.815		1336.815			10
11							1336.815	1336.815	1336.805	1336.815			11
12							1336.825	1336.815	1336.805	1336.815			12
13							1336.815	1336.815	1336.805	1336.815			13
14							1336.815	1336.805	1336.805	1336.805			14
15							1336.825	1336.805	1336.805	1336.805			15
16								1336.795					16
17								1336.795					17
18								1336.795					18
19								1336.805					19
20								1336.805					20
21													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 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 1337.075 METRES ON JUN 8 MAX. OBSERVED WATER LEVEL, 1337.356 METRES ON MAY 22/74
MINIMUM OBSERVED DAILY WATER LEVEL, 1336.775 METRES ON MAY 20 MIN. OBSERVED WATER LEVEL, 1336.420 METRES ON JAN. 5/76
WATER LEVELS ARE REFERRED TO GEODETIC

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 - 1980

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 1980

DAY	JAN	FEB	MAR	APR	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							587.651						15
16													16
17													17
18													18
19													19
20													20
21									587.578				21
22													22
23													23
24													24
25													25
26							587.630						26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 587.651 METRES ON JUL 14 MAX. OBSERVED WATER LEVEL, 588.572 METRES ON NOV. 10/70
MINIMUM OBSERVED DAILY WATER LEVEL, 587.578 METRES ON SEP 22 MIN. OBSERVED WATER LEVEL, 587.511 METRES ON SEP. 27/76
WATER LEVELS ARE REFERRED TO GEODETIC

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 - 1980

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 1980

DAY	JAN	FEB	MAR	APR	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							602.382						17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25									602.367				25
26													26
27													27
28													28
29													29
30	602.364				602.519								30
31													31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 602.519 METRES ON MAY 29 MAX. OBSERVED WATER LEVEL, 603.056 METRES ON JUN. 13/74
MINIMUM OBSERVED DAILY WATER LEVEL, 602.364 METRES ON JAN 30 MIN. OBSERVED WATER LEVEL, 602.309 METRES ON NOV. 5/71
WATER LEVELS ARE REFERRED TO GEODETIC

LAKE - STATION DESCRIPTION

STATION NAME: FLOOD LAKE near Chinook Valley

STATION NUMBER: 07HA905

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

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1980

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

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

FLOOD LAKE NEAR CHINOOK VALLEY

STATION NO. 07HA905

DAILY WATER LEVEL IN METRES FOR 1980

DAY	JAN	FEB	MAR	APR	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							633.803						21
22													22
23													23
24									633.774				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 1980

MAXIMUM OBSERVED DAILY WATER LEVEL, 633.803 METRES ON JUL 22
MINIMUM OBSERVED DAILY WATER LEVEL, 633.774 METRES ON SEP 24
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 - 1980

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 1980

DAY	JAN	FEB	MAR	APR	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					650.777								16
17													17
18													18
19													19
20													20
21									650.769				21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL

650.656

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 650.777 METRES ON MAY 16 MAX. OBSERVED WATER LEVEL, 651.184 METRES ON MAY 10/77
MINIMUM OBSERVED DAILY WATER LEVEL, 650.656 METRES ON JUL 29 MIN. OBSERVED WATER LEVEL, 650.638 METRES ON SEP. 27/79
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: Staff Gauge.

PERIOD OF RECORD: 1968 - 1980

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 are assumed prior to 1972.

DAILY WATER LEVEL IN METRES FOR 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						587.902	587.872	587.822	587.832	587.802	587.772		1
2						587.892	587.872	587.822	587.832		587.772		2
3						587.892	587.872						3
4						587.892		587.842					4
5						587.902	587.872	587.852			587.762		5
6						587.902	587.872	587.852		587.802			6
7						587.902	587.872	587.862	587.832	587.802	587.762		7
8						587.892	587.862				587.762		8
9						587.892	587.852	587.862					9
10						587.892	587.852						10
11							587.842	587.862		587.802			11
12						587.892	587.842		587.822				12
13						587.882	587.842	587.852					13
14						587.882	587.842			587.792			14
15						587.892	587.837	587.842		587.792			15
16							587.832	587.842					16
17							587.832	587.842	587.822				17
18							587.832	587.842					18
19							587.832	587.842					19
20							587.832	587.842					20
21							587.832	587.842	587.822	587.782			21
22							587.832	587.832	587.822				22
23							587.832	587.832	587.828		587.762		23
24							587.822	587.832		587.782			24
25							587.822	587.832					25
26						587.872	587.822	587.832	587.812				26
27						587.872	587.822	587.832		587.782			27
28						587.892	587.872	587.832					28
29						587.902	587.882	587.832	587.802	587.772			29
30						587.902	587.822	587.832					30
31						587.902	587.822	587.832		587.772			31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 587.902 METRES ON MAY 29 MAXIMUM OBSERVED WATER LEVEL, 588.572 METRES ON JAN.22/74
MINIMUM OBSERVED DAILY WATER LEVEL, 587.762 METRES ON NOV 5 MINIMUM OBSERVED WATER LEVEL, 587.733 METRES ON OCT.18/77
WATER LEVELS ARE REFERRED TO GEODETIC

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 - 1980

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

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

Geodetic Elevations were checked again in 1981. An error
was found and a correction of - 30.026m has been applied
to these data.

Water Levels are assumed 1972 to 1974, Geodetic 1974 to 1980.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

FREEMAN LAKE NEAR SWAN HILLS

STATION NO. 07AH902

DAILY WATER LEVEL IN METRES FOR 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5		1077.648											5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15					1077.916								15
16													16
17													17
18													18
19													19
20							1078.919						20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL									1079.065				TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 1079.065 METRES ON SEP 30 MAX. OBSERVED WATER LEVEL, 1079.065 M ON SEP 30, 1980
MINIMUM OBSERVED DAILY WATER LEVEL, 1077.648 METRES ON FEB 5 MIN. OBSERVED WATER LEVEL, 1077.648 M ON FEB 5, 1980
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA

LAKE - STATION DESCRIPTION

STATION NAME: FROG LAKE near Elk Point

STATION NUMBER: 05ED904

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

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1968 - 1980

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 1980

DAY	JAN	FEB	MAR	APR	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							574.197						16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL

574.109

574.182

574.197

574.130

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 574.197 METRES ON JUL 16

MAX. OBSERVED WATER LEVEL, 574.889 METRES ON JUN. 11/74

MINIMUM OBSERVED DAILY WATER LEVEL, 574.109 METRES ON JAN 30

MIN. OBSERVED WATER LEVEL, 573.850 METRES ON SEP. 12/68

WATER LEVELS ARE REFERRED TO GEODETIC

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 - 1980

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

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

GABRIEL LAKE NEAR BENTLEY

STATION NO. 05CC902

DAILY WATER LEVEL IN METRES FOR 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5													5
6											944.167		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

943.978

943.810

944.185

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MEAN
MAX
MIN

MAXIMUM OBSERVED DAILY WATER LEVEL, 944.185 METRES ON JUL 24 MAX. OBSERVED WATER LEVEL, 944.935 M ON APR 26, 1971
MINIMUM OBSERVED DAILY WATER LEVEL, 943.810 METRES ON MAY 15 MIN. OBSERVED WATER LEVEL, 942.350 M ON JAN 27, 1978
WATER LEVELS ARE REFERRED TO GEODETIC

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 - 1980

HYDROGRAPHIC SURVEY MAP AVAILABLE: YES/NOX

REMARKS: Geodetic Elevation verified April 1978.

DAILY WATER LEVEL IN METRES FOR 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						608.533	608.494	608.490	608.481				1
2						608.533	608.494	608.490	608.481				2
3						608.533	608.490	608.490	608.481				3
4						608.533	608.490	608.490	608.484				4
5						608.533	608.494	608.490	608.484				5
6						608.533	608.494	608.490					6
7						608.533	608.494	608.494					7
8						608.542	608.494	608.494					8
9							608.494	608.494					9
10							608.490	608.494					10
11							608.490	608.494					11
12							608.490	608.494					12
13							608.490	608.494					13
14							608.490	608.494					14
15							608.490	608.494					15
16							608.487	608.494					16
17						608.497	608.490	608.494					17
18						608.497	608.487	608.494					18
19						608.494	608.487	608.494					19
20						608.494	608.487	608.494					20
21						608.494	608.487	608.497					21
22						608.478	608.487	608.481					22
23						608.478	608.487	608.481					23
24						608.478	608.490	608.481					24
25						608.472	608.490	608.481	608.469				25
26						608.472	608.490	608.481					26
27						608.490	608.490	608.481					27
28						608.494	608.490	608.481					28
29					608.533	608.490	608.490	608.481					29
30						608.490	608.490	608.481					30
31	608.396					608.490	608.490	608.481					31
TOTAL						18863.197	18863.163						TOTAL

MEAN	608.490	608.489	MEAN
MAX	608.494	608.497	MAX
MIN	608.487	608.481	MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 608.542 METRES ON JUN 8 MAX. OBSERVED WATER LEVEL, 608.594 METRES ON JUN. 8/79

MINIMUM OBSERVED DAILY WATER LEVEL, 608.396 METRES ON JAN 31 MIN. OBSERVED WATER LEVEL, 607.726 METRES ON SEP. 18/69
WATER LEVELS ARE REFERRED TO GEODETIC

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

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/~~NO~~

REMARKS:

DAY	JAN	FEB	MAR	APR	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							651.993						21
22													22
23													23
24									651.963				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 1980

MAXIMUM OBSERVED DAILY WATER LEVEL, 651.993 METRES ON JUL 22

MINIMUM OBSERVED DAILY WATER LEVEL, 651.963 METRES ON SEP 24

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

HYDROGRAPHIC SURVEY MAP AVAILABLE:

~~YES~~/NO

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

GEORGE LAKE (WEST) NEAR HINES CREEK

STATION NO. 07FD917

DAILY WATER LEVEL IN METRES FOR 1980

DAY	JAN	FEB	MAR	APR	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							651.483						22
23													23
24													24
25									651.498				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 1980

MAXIMUM OBSERVED DAILY WATER LEVEL, 651.498 METRES ON SEP 24
MINIMUM OBSERVED DAILY WATER LEVEL, 651.483 METRES ON JUL 22
WATER LEVELS ARE REFERRED TO GEODETIC ELEVATION

LAKE - STATION DESCRIPTION

STATION NAME: GHOST LAKE near Athabasca

STATION NUMBER: 07BE903

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

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1969 - 1980

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

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

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

GHOST LAKE NEAR ATHABASCA

STATION NO. 07BE903

DAILY WATER LEVEL IN METRES FOR 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4		631.177											4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12					631.155								12
13													13
14													14
15						631.165							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									631.180				31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

TOTAL
MEAN
MAX
MIN

HISTORICAL SUMMARY

SUMMARY FOR THE YEAR 1980
MAXIMUM OBSERVED DAILY WATER LEVEL, 631.180 METRES ON SEP 29
MINIMUM OBSERVED DAILY WATER LEVEL, 631.155 METRES ON MAY 14
WATER LEVELS ARE REFERRED TO GEODETIC
MAX. OBSERVED WATER LEVEL, 631.619 METRES ON AUG. 8/79
MIN. OBSERVED WATER LEVEL, 630.799 METRES ON JUL. 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 - 1980

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 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						1346.812		1347.025	1347.077				1
2						1346.812		1347.036					2
3						1346.842		1347.046					3
4								1347.026					4
5								1347.016	1347.077	1347.099			5
6						1346.993			1347.078	1347.059	1347.051		6
7						1346.983			1347.088	1347.049			7
8						1346.943		1347.026	1347.088				8
9						1346.934		1347.026	1347.088				9
10						1346.924		1347.046		1347.049			10
11							1346.982	1347.026		1347.040			11
12							1346.992	1347.016	1347.088	1347.030			12
13		1346.759					1347.002		1347.108	1347.040			13
14					1346.747		1347.013		1347.108	1347.040			14
15						1346.845	1347.033	1347.006	1347.098				15
16					1346.738	1346.845		1346.996					16
17					1346.738	1346.866		1346.996					17
18					1346.738		1347.064	1346.996					18
19					1346.708		1347.104	1347.007					19
20					1346.709	1346.837	1347.084	1347.007		1347.040			20
21													21
22						1346.837	1347.054			1347.040			22
23					1346.699	1346.837	1347.025	1347.037					23
24					1346.730	1346.868	1346.997	1347.057	1347.040				24
25					1346.730		1346.995	1347.057	1347.040				25
26					1346.770								26
27					1346.790	1346.928	1347.015	1347.057	1347.069	1347.040			27
28						1346.939	1347.025		1347.069				28
29						1346.949	1347.025	1347.077	1347.079	1347.051			29
30					1346.811			1347.067					30
31					1346.811	1346.949		1347.077	1347.089				31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 1347.108 METRES ON SEP 13 MAX. OBSERVED WATER LEVEL, 1347.143 METRES ON JUN. 3/71
MINIMUM OBSERVED DAILY WATER LEVEL, 1346.699 METRES ON MAY 23 MIN. OBSERVED WATER LEVEL, 1346.619 METRES ON JAN. 5/76
WATER LEVELS ARE REFERRED TO GEODETIC

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 - 1980

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 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1										770.579			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					770.637								16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25							770.594						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 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 770.637 METRES ON MAY 16 MAX. OBSERVED WATER LEVEL, 771.034 METRES ON AUG. 26/76
MINIMUM OBSERVED DAILY WATER LEVEL, 770.579 METRES ON OCT 2 MIN. OBSERVED WATER LEVEL, 770.138 METRES ON JAN. 10/79
WATER LEVELS ARE REFERRED TO GEODETIC ELEVATION

LAKE - STATION DESCRIPTION

STATION NAME: GOODFISH LAKE near Vilna

STATION NUMBER: 06AA907

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

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1971 - 1980

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 1980

DAY	JAN	FEB	MAR	APR	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							580.629						16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25									580.665				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 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 580.708 METRES ON MAY 29 MAX. OBSERVED WATER LEVEL, 581.180 METRES ON JUN. 13/74
MINIMUM OBSERVED DAILY WATER LEVEL, 580.629 METRES ON JUL 17 MIN. OBSERVED WATER LEVEL, 580.483 METRES ON FEB. 22/77
WATER LEVELS ARE REFERRED TO GEODETIC

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 - 1980

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 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5		724.403											5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15					724.351		724.692						15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL									724.552				TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 724.692 METRES ON JUL 15 MAX. OBSERVED WATER LEVEL, 724.985 METRES ON MAY 16/74
MINIMUM OBSERVED DAILY WATER LEVEL, 724.351 METRES ON MAY 15 MIN. OBSERVED WATER LEVEL, 723.827 METRES ON JUN 5/68
WATER LEVELS ARE REFERRED TO GEODETIC

LAKE - STATION DESCRIPTION

STATION NAME: GOOSEBERRY LAKE near Consort

STATION NUMBER: 05GA904

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

GAUGE TYPE: Staff Gauge.

PERIOD OF RECORD: 1955-66; 1971 - 1980

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 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1								695.808					1
2								695.808					2
3								695.808					3
4								695.808					4
5								695.808					5
6								695.808					6
7								695.798					7
8								695.798					8
9								695.797					9
10								695.797					10
11								695.808					11
12								695.818					12
13					695.871			695.809					13
14								695.809					14
15								695.809					15
16								695.817					16
17								695.817					17
18								695.817					18
19								695.817					19
20		696.023						695.817					20
21								695.827					21
22								695.880					22
23								695.813					23
24								695.818					24
25								695.813					25
26								695.813					26
27								695.813					27
28								695.808					28
29								695.808					29
30								695.808					30
31								695.808					31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 696.023 METRES ON FEB 19 MAX. OBSERVED WATER LEVEL, 697.434 METRES ON JUL. 12/56
MINIMUM OBSERVED DAILY WATER LEVEL, 695.685 METRES ON OCT 29 MIN. OBSERVED WATER LEVEL, 695.685 METRES ON OCT. 29/80
WATER LEVELS ARE REFERRED TO GEODETIC

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 - 1980

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 1980

DAY	JAN	FEB	MAR	APR	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			1004.151										10
11													11
12													12
13													13
14													14
15													15
16													16
17						1004.325							17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL						1004.453							TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 1004.529 METRES ON NOV 12
MINIMUM OBSERVED DAILY WATER LEVEL, 1004.151 METRES ON MAR 10
WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

MAX. OBSERVED WATER LEVEL, 1004.225 M ON JUN 25, 1970
MIN. OBSERVED WATER LEVEL, 1003.902 M ON MAR 18, 1976

LAKE - STATION DESCRIPTION

STATION NAME: GRANDE CACHE LAKE near Grande Cache

STATION NUMBER: 07GA901

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

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1970 - 1980

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/NO

REMARKS: Lake elevation controlled.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

GRANDE CACHE LAKE NEAR GRANDE CACHE

STATION NO. 07GA901

DAILY WATER LEVEL IN METRES FOR 1980

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

1117.809

1117.325

1117.288

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 1117.809 METRES ON MAY 21 MAX. OBSERVED WATER LEVEL, 1117.485 METRES ON MAY 19/77
MINIMUM OBSERVED DAILY WATER LEVEL, 1117.211 METRES ON FEB 12 MIN. OBSERVED WATER LEVEL, 1116.437 METRES ON OCT /70
WATER LEVELS ARE REFERRED TO GEODETIC ELEVATION

MEAN
MAX
MIN

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 - 1980

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/~~NO~~

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

GRAVEYARD LAKE NEAR HINTON

STATION NO. 07AC902

DAILY WATER LEVEL IN METRES FOR 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						1150.385	1148.926	1148.444	1148.671				1
2						1150.410	1148.796	1148.419	1148.661				2
3							1148.736	1148.437	1148.656				3
4							1148.676	1148.515	1148.651				4
5							1148.636	1148.533	1148.641				5
6					1150.645	1148.576	1148.551	1148.636					6
7					1150.595	1148.566	1148.621	1148.625					7
8					1150.585	1148.546	1148.630	1148.625					8
9					1150.585	1148.526	1148.616	1148.630					9
10					1150.535	1148.496	1148.604	1148.630					10
11					1150.485	1148.476	1148.599	1148.630					11
12		1149.687			1150.375	1148.516	1148.596	1148.630					12
13					1150.345	1148.516	1148.622	1148.640					13
14					1150.350	1148.521	1148.622	1148.679					14
15						1148.511	1148.656	1148.719					15
16						1148.506	1148.628	1148.719					16
17						1148.506	1148.633	1148.739					17
18						1148.526	1148.638	1148.739					18
19						1148.696	1148.631	1148.839					19
20						1148.706	1148.603						20
21					1150.297	1148.646	1148.588						21
22						1148.621	1148.563						22
23						1148.596	1148.557	1148.792					23
24						1148.556	1148.562						24
25					1150.375	1148.526	1148.666						25
26					1150.395	1148.506	1148.687						26
27					1150.420	1148.486	1148.682						27
28					1150.425	1148.471	1148.677						28
29					1150.425	1148.473	1148.672						29
30					1150.410	1148.451	1148.672						30
31					1150.395	1148.461	1148.673						31
TOTAL						35605.753	35606.602						TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

HISTORIAL SUMMARY

SUMMARY FOR THE YEAR 1980

MAXIMUM OBSERVED DAILY WATER LEVEL, 1150.645 METRES ON JUN 6 MAX. OBSERVED WATER LEVEL, 1149.273 M ON AUG 24, 1979
MINIMUM OBSERVED DAILY WATER LEVEL, 1148.206 METRES ON SEP 22 MIN. OBSERVED WATER LEVEL, 1148.121 M ON FEB 21, 1979
WATER LEVELS ARE REFERRED TO GEODETIC ELEVATION

LAKE - STATION DESCRIPTION

STATION NAME: GREGG LAKE near Hinton

STATION NUMBER: 07AC903

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

GAUGE TYPE: Staff Gauge.

PERIOD OF RECORD: 1968 - 1980

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 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						1138.605	1138.723	1138.434	1138.386				1
2						1138.735	1138.695	1138.436	1138.378				2
3						1138.985	1138.655	1138.428	1138.373				3
4						1139.025	1138.605	1138.415	1138.368				4
5							1138.595	1138.421	1138.364				5
6					1138.965	1138.905	1138.575	1138.425	1138.362				6
7					1138.855	1138.795	1138.525	1138.451	1138.351				7
8					1138.705	1138.655	1138.495	1138.444	1138.348				8
9					1138.600	1138.505	1138.453	1138.350	1138.348				9
10					1138.595	1138.485	1138.431	1138.378	1138.378				10
11					1138.595	1138.485	1138.431	1138.378	1138.378				11
12					1138.595	1138.485	1138.431	1138.378	1138.378				12
13					1138.595	1138.485	1138.431	1138.378	1138.378				13
14					1138.595	1138.485	1138.431	1138.378	1138.378				14
15					1138.595	1138.485	1138.431	1138.378	1138.378				15
16					1138.595	1138.485	1138.431	1138.378	1138.378				16
17					1138.595	1138.485	1138.431	1138.378	1138.378				17
18					1138.595	1138.485	1138.431	1138.378	1138.378				18
19					1138.595	1138.485	1138.431	1138.378	1138.378				19
20					1138.595	1138.485	1138.431	1138.378	1138.378				20
21					1138.595	1138.485	1138.431	1138.378	1138.378				21
22					1138.595	1138.485	1138.431	1138.378	1138.378				22
23					1138.595	1138.485	1138.431	1138.378	1138.378				23
24					1138.595	1138.485	1138.431	1138.378	1138.378				24
25					1138.595	1138.485	1138.431	1138.378	1138.378				25
26					1138.595	1138.485	1138.431	1138.378	1138.378				26
27					1138.595	1138.485	1138.431	1138.378	1138.378				27
28					1138.595	1138.485	1138.431	1138.378	1138.378				28
29					1138.595	1138.485	1138.431	1138.378	1138.378				29
30					1138.595	1138.485	1138.431	1138.378	1138.378				30
31					1138.595	1138.485	1138.431	1138.378	1138.378				31
TOTAL					35294.506	35291.034							TOTAL

MEAN	1138.400	1138.400	1138.400	1138.400	1138.400	1138.400	1138.400	1138.400	1138.400	1138.400	1138.400	1138.400	MEAN
MAX	1138.450	1138.450	1138.450	1138.450	1138.450	1138.450	1138.450	1138.450	1138.450	1138.450	1138.450	1138.450	MAX
MIN	1138.389	1138.389	1138.389	1138.389	1138.389	1138.389	1138.389	1138.389	1138.389	1138.389	1138.389	1138.389	MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 1139.788 METRES ON SEP 19 MAX. OBSERVED WATER LEVEL, 1138.919 M ON JUL 14, 1979
MINIMUM OBSERVED DAILY WATER LEVEL, 1138.348 METRES ON SEP 12 MIN. OBSERVED WATER LEVEL, 1138.300 M ON SEP 6, 1973
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 - 1980

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 1980

DAY	JAN	FEB	MAR	APR	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	669.283				669.466		669.298		669.347				TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 669.466 METRES ON MAY 30
MINIMUM OBSERVED DAILY WATER LEVEL, 669.283 METRES ON JAN 31
WATER LEVELS ARE REFERRED TO GEODETIC
MAX. OBSERVED WATER LEVEL, 670.078 METRES ON JUN. 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 - 1980

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 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1										728.536			1
2													2
3													3
4			728.441										4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16					728.451								16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL					728.533								TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 728.536 METRES ON OCT 2
MINIMUM OBSERVED DAILY WATER LEVEL, 728.441 METRES ON MAR 4
WATER LEVELS ARE REFERRED TO GEODETIC
MAX. OBSERVED WATER LEVEL, 728.634 METRES ON MAY 28/79
MIN. OBSERVED WATER LEVEL, 727.119 METRES ON OCT. 5/70

LAKE - STATION DESCRIPTION

STATION NAME: HELEN LAKE near Dixonville

STATION NUMBER: 07HA906

LOCATION: 87-24-W5 - 6 Miles West of Dixonville.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1980

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 1980

DAY	JAN	FEB	MAR	APR	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							633.356						21
22													22
23													23
24									633.390				24
25													25
26													26
27													27
28													28
29													29
30													30
31													31

TOTAL

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1980

MAXIMUM OBSERVED DAILY WATER LEVEL, 633.390 METRES ON SEP 24
MINIMUM OBSERVED DAILY WATER LEVEL, 633.356 METRES ON JUL 22
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: None. Level established by surveying.

PERIOD OF RECORD: 1976 - 1980

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 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						660.148							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

659.955

659.968

MEAN
MAX
MIN

MEAN
MAX
MIN

HISTORICAL SUMMARY

SUMMARY FOR THE YEAR 1980
MAXIMUM OBSERVED DAILY WATER LEVEL, 660.148 METRES ON JUN 3
MINIMUM OBSERVED DAILY WATER LEVEL, 659.955 METRES ON JUL 29
WATER LEVELS ARE REFERRED TO GEODETIC ELEVATION

MAX. OBSERVED WATER LEVEL, 660.364 METRES ON MAY 31/79
MIN. OBSERVED WATER LEVEL, 659.944 METRES ON JAN. 17/79

LAKE - STATION DESCRIPTION

STATION NAME: HILDA LAKE near Cold Lake

STATION NUMBER: 06AC905

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

GAUGE TYPE: Staff Gauge.

PERIOD OF RECORD: 1979 - 1980

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

REMARKS: Water Survey of Canada station installed in 1980.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

HILDA LAKE NEAR COLD LAKE

STATION NO. 06AC905

DAILY WATER LEVEL IN METRES FOR 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1					547.127	547.066	547.015						1
2						547.066							2
3					547.066								3
4							547.015	547.016					4
5					547.127								5
6						547.066		547.037					6
7					547.127								7
8					547.129	547.066	547.015						8
9													9
10						547.056							10
11							547.015						11
12		547.207	547.186										12
13					547.087	547.036	546.986						13
14							546.980						14
15	547.296												15
16				547.180	547.077	547.036							16
17							546.975						17
18							546.965						18
19					547.067	547.026					547.023		19
20													20
21													21
22					547.066	547.026							22
23									547.056				23
24					547.066								24
25													25
26													26
27													27
28					547.056								28
29													29
30													30
31					547.066								31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 547.296 METRES ON JAN 15
MINIMUM OBSERVED DAILY WATER LEVEL, 546.965 METRES ON JUL 19
WATER LEVELS ARE REFERRED TO GEODETIC

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 - 1980

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 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						728.919	728.999	729.030	729.051				1
2						728.919	729.019	729.030	729.041	729.039			2
3						728.939	729.039	729.020	729.041				3
4			728.850			728.959	729.039	729.020	729.031				4
5						728.959	729.029	729.040	729.031				5
6						728.969	729.019	729.030	729.031				6
7						728.969	729.019	729.030	729.041				7
8						728.959	729.009	729.030	729.031				8
9						728.959	729.019	729.030	729.041				9
10						728.949	729.029	729.040	729.041				10
11						728.949	729.049	729.030	729.031				11
12						728.949	729.049	729.030	729.031				12
13						728.939	729.039	729.020	729.041				13
14						728.939	729.029	729.020	729.041				14
15						728.929	729.029	729.030	729.041				15
16				728.902		728.919	729.029	729.030	729.041				16
17						728.919	729.015	729.030	729.051				17
18						728.919	729.029	729.030	729.041				18
19						728.929	729.029	729.020	729.041				19
20						728.939	729.039	729.030	729.042				20
21						728.959	729.029	729.030	729.052				21
22						728.959	729.029	729.030	729.052				22
23						728.949	729.019	729.020	729.042				23
24						728.979	729.019	729.040	729.042				24
25						728.989	729.029	729.051	729.052				25
26						728.999	729.029	729.051	729.042				26
27						729.019	729.019	729.051	729.032				27
28						729.029	729.019	729.051	729.042				28
29						729.029	729.029	729.041	729.042				29
30						729.019	729.030	729.041	729.032				30
31							729.040	729.041					31
TOTAL						21868.760	22599.847	22600.017	21871.221				TOTAL

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 729.052 METRES ON SEP 21 MAX. OBSERVED WATER LEVEL, 729.051 METRES ON SEP 21/80
MINIMUM OBSERVED DAILY WATER LEVEL, 728.850 METRES ON MAR 4 MIN. OBSERVED WATER LEVEL, 727.856 METRES ON MAY 18/71
WATER LEVELS ARE REFERRED TO GEODETIC

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 - 1980

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 1980

DAY	JAN	FEB	MAR	APR	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

661.957

661.497

661.805

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 661.957 METRES ON MAY 23 MAX. OBSERVED WATER LEVEL, 662.462 METRES ON MAY 10/77
MINIMUM OBSERVED DAILY WATER LEVEL, 661.497 METRES ON SEP 22 MIN. OBSERVED WATER LEVEL, 661.998 METRES ON DEC. 18/79
WATER LEVELS ARE REFERRED TO GEODETIC ELEVATION

LAKE - STATION DESCRIPTION

STATION NAME: IOSEGUN LAKE near Fox Creek

STATION NUMBER: 07GG901

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

GAUGE TYPE: Staff Gauge.

PERIOD OF RECORD: 1975 - 1980

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/~~NO~~

REMARKS: Geodetic Elevation established April 1980.

DAILY WATER LEVEL IN METRES FOR 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						773.788		773.653	773.491				1
2								773.653					2
3								773.653					3
4								773.653	773.471				4
5						773.977	773.945	773.653	773.471				5
6													6
7						774.077	773.965	773.643	773.471				7
8						774.087	773.995	773.643	773.481				8
9						774.067		773.633	773.471				9
10							774.025	773.613					10
11													11
12						773.977	773.985	773.593	773.461				12
13						773.997	773.975		773.451				13
14						773.967	773.955	773.583	773.451				14
15						773.947		773.582	773.451				15
16													16
17								773.562					17
18								773.562					18
19						773.866	773.904	773.552	773.500				19
20						773.856	773.874		773.510				20
21													21
22						773.876	773.846	773.522	773.520				22
23						773.916		773.512	773.540				23
24													24
25								773.522	773.566				25
26													26
27						773.986	773.774						27
28							773.704	773.502					28
29							773.734	773.502					29
30							773.664	773.492					30
31						773.625	773.656	773.492					31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 774.087 METRES ON JUN 8 MAX. OBSERVED WATER LEVEL, 774.323 METRES ON JUN. 1/77
MINIMUM OBSERVED DAILY WATER LEVEL, 773.451 METRES ON SEP 12 MIN. OBSERVED WATER LEVEL, 773.317 METRES ON NOV. 28/79
WATER LEVELS ARE REFERRED TO GEODETIC

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 - 1980

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 1980

DAY	JAN	FEB	MAR	APR	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							22.647						16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24									22.625				24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 22.784 METRES ON JAN 29
MINIMUM OBSERVED DAILY WATER LEVEL, 22.625 METRES ON SEP 23
WATER LEVELS ARE REFERRED TO ASSUMED

MAX. OBSERVED WATER LEVEL, 22.884 METRES ON JUN. 12/79
MIN. OBSERVED WATER LEVEL, 22.311 METRES ON FEB. 15/77

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 - 1980

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/~~NO~~

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

ISLAND LAKE NEAR ATHABASCA

STATION NO. 07BE904

DAILY WATER LEVEL IN METRES FOR 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1					601.333	601.333	601.342	601.301	601.330				1
2					601.333	601.333	601.342	601.291	601.340				2
3					601.333	601.333	601.342	601.307	601.340				3
4		601.431			601.333	601.333	601.342	601.323	601.350				4
5					601.343	601.343	601.361	601.340	601.350				5
6					601.343	601.343	601.361	601.360	601.350				6
7					601.343	601.343	601.361	601.370	601.350				7
8					601.343	601.343	601.351	601.370	601.350				8
9					601.343	601.343	601.351	601.370	601.340				9
10					601.333	601.333	601.351	601.370	601.340				10
11					601.333	601.333	601.351	601.370	601.339				11
12					601.323	601.323	601.351	601.370	601.329				12
13					601.333	601.333	601.351	601.370	601.329				13
14					601.352	601.332	601.351	601.370	601.329				14
15					601.344	601.332	601.352	601.370	601.329				15
16					601.344	601.322	601.351	601.370	601.349				16
17					601.344	601.322	601.351	601.370	601.349				17
18					601.344	601.322	601.351	601.360	601.349				18
19					601.334	601.312	601.341	601.360	601.349				19
20					601.334	601.322	601.341	601.350	601.349				20
21					601.324	601.322	601.341	601.350	601.349				21
22					601.324	601.312	601.341	601.350	601.359				22
23					601.324	601.312	601.336	601.350	601.359				23
24					601.323	601.312	601.331	601.350	601.359				24
25					601.323	601.312	601.331	601.350	601.359				25
26					601.333	601.302	601.331	601.340	601.359				26
27					601.333	601.322	601.321	601.340	601.359				27
28					601.333	601.352	601.311	601.340	601.359				28
29					601.333	601.352	601.311	601.340	601.358				29
30					601.333	601.352	601.301	601.330	601.358				30
31					601.333	601.352	601.301	601.330	601.358				31
TOTAL					18039.883	18641.551	18641.832	18040.418					TOTAL

MEAN 601.329
MAX 601.352
MIN 601.302

SUMMARY FOR THE YEAR 1980

MAXIMUM OBSERVED DAILY WATER LEVEL, 601.431 METRES ON FEB 4

MINIMUM OBSERVED DAILY WATER LEVEL, 601.291 METRES ON AUG 2

HISTORICAL SUMMARY

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

MIN. OBSERVED WATER LEVEL, 601.012 METRES ON JULY 23/74

LAKE - STATION DESCRIPTION

STATION NAME: ISLE LAKE near Gainford

STATION NUMBER: 05EA909

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

GAUGE TYPE: Staff Gauge.

PERIOD OF RECORD: 1960-72; 1975 - 1980

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

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

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

ISLE LAKE NEAR GAINFORD

STATION NO. 05EA909

DAILY WATER LEVEL IN METRES FOR 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1					729.917	730.161	730.161	730.100	730.057	730.020			1
2					729.917	730.161	730.161	730.100	730.051				2
3					729.947	730.161	730.130	730.130	730.039				3
4					729.990	730.161	730.130	730.130	730.042				4
5					730.026	730.154	730.124	730.124	730.039				5
6					730.075	730.173	730.130	730.036	730.036				6
7					730.093	730.161	730.124	730.036	730.036				7
8					730.106	730.148	730.124	730.036	730.036				8
9					730.112	730.148	730.124	730.036	730.036				9
10					730.106	730.142	730.124	730.029	730.029				10
11					730.106	730.161	730.124	730.023	730.023				11
12					730.100	730.161	730.118	730.017	730.017				12
13					729.920	730.100	730.118	730.036	730.036				13
14					729.898	730.087	730.112	730.029	730.029				14
15					729.898	730.081	730.112	730.023	730.023				15
16					729.874	730.075	730.100	730.017	730.017				16
17				730.142	729.880	730.081	730.106	730.042	730.042				17
18				730.136	729.874	730.081	730.093	730.042	730.042				18
19					729.862	730.075	730.093	730.045	730.045				19
20					729.831	730.075	730.081	730.048	730.048				20
21				730.115	729.837	730.069	730.081	730.048	730.048				21
22					729.831	730.057	730.075	730.042	730.042				22
23					729.825	730.051	730.069	730.042	730.042				23
24					729.850		730.100	730.042	730.042				24
25					729.920		730.081	730.036	730.036				25
26					729.880		730.081	730.036	730.036				26
27					729.898		730.075	730.036	730.036				27
28					729.917	730.118	730.069	730.029	730.029				28
29						730.142	730.063	730.029	730.029				29
30				730.057	729.923	730.112	730.057	730.023	730.023				30
31					729.926	730.154	730.100						31
TOTAL						22634.393	22633.069	21901.086					TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 730.173 METRES ON JUL 6 MAX. OBSERVED WATER LEVEL, 730.718 METRES ON JUL. 21/65
MINIMUM OBSERVED DAILY WATER LEVEL, 729.825 METRES ON MAY 23 MIN. OBSERVED WATER LEVEL, 729.219 METRES ON SEP. 11/68
WATER LEVELS ARE REFERRED TO GEODETIC

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 - 1980

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 1980

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

1141.897

1141.887

1142.064

1142.061

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 1142.064 METRES ON JUL 24 MAX. OBSERVED WATER LEVEL, 1143.095 METRES ON JAN. 19/77
MINIMUM OBSERVED DAILY WATER LEVEL, 1141.887 METRES ON MAY 14 MIN. OBSERVED WATER LEVEL, 1140.681 METRES ON AUG. 14/73
WATER LEVELS ARE REFERRED TO GEODETIC

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 - 1980

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

REMARKS: Geodetic Elevation verified November 1979.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

JACKFISH LAKE NEAR STONY PLAIN

STATION NO. 05DE902

DAILY WATER LEVEL IN METRES FOR 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1										729.807			1
2													2
3													3
4			729.722										4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16					729.719								16
17													17
18													18
19													19
20							729.789						20
21													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 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 729.807 METRES ON OCT 2 MAX. OBSERVED WATER LEVEL, 729.880 METRES ON MAY 28/79
MINIMUM OBSERVED DAILY WATER LEVEL, 729.719 METRES ON MAY 16 MIN. OBSERVED WATER LEVEL, 728.570 METRES ON OCT. 5/70
WATER LEVELS ARE REFERRED TO GEODETIC

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 - 1980

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/~~NO~~

REMARKS:

DAILY WATER LEVEL IN METRES FOR 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						1151.343	1151.348	1151.196	1151.249				1
2						1151.358	1151.313	1151.220	1151.254				2
3						1151.563	1151.298	1151.217	1151.264				3
4						1151.673	1151.282	1151.222	1151.268				4
5						1151.733	1151.277	1151.222	1151.271				5
6						1151.733	1151.262	1151.233	1151.273				6
7						1151.673	1151.252	1151.239	1151.273				7
8						1151.623	1151.242	1151.246	1151.273				8
9						1151.593	1151.262	1151.245					9
10						1151.593	1151.251	1151.233	1151.273				10
11		1151.364				1151.533	1151.256	1151.238	1151.273				11
12						1151.513	1151.261	1151.236	1151.272				12
13						1151.393	1151.276	1151.238	1151.282				13
14						1151.383	1151.271	1151.214	1151.292				14
15						1151.373	1151.276	1151.221	1151.302				15
16						1151.373	1151.260	1151.206	1151.302				16
17						1151.373	1151.260	1151.211	1151.302				17
18						1151.368	1151.260	1151.216	1151.307				18
19						1151.373	1151.310	1151.215	1151.317				19
20							1151.300	1151.210	1151.311				20
21					1151.275		1151.299	1151.210	1151.301				21
22							1151.289	1151.210	1151.297				22
23							1151.239	1151.225					23
24							1151.229	1151.227					24
25					1151.303		1151.219	1151.230					25
26						1151.318	1151.209	1151.225					26
27						1151.343	1151.203	1151.234					27
28						1151.353	1151.200	1151.239					28
29						1151.363	1151.193	1151.244					29
30						1151.353	1151.198	1151.244					30
31						1151.345	1151.196	1151.249					31
TOTAL							35688.996	35688.015					TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 1151.733 METRES ON JUN 5 MAX. OBSERVED WATER LEVEL, 1151.419 M ON JUN 27, 1969
MINIMUM OBSERVED DAILY WATER LEVEL, 1151.196 METRES ON JUL 31 MIN. OBSERVED WATER LEVEL, 1150.650 M ON JAN 25, 1978
WATER LEVELS ARE REFERRED TO GEODETIC

LAKE - STATION DESCRIPTION

STATION NAME: JENSEN RESERVOIR

STATION NUMBER: 05AE901

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

GAUGE TYPE: Staff Gauge.

PERIOD OF RECORD: 1967 - 1980

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/NO

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

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

JENSEN RESERVOIR

STATION NO. 05AE901

DAILY WATER LEVEL IN METERS FOR 1930

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1066.541				1069.894	1070.412	1070.625		1070.198	1069.863			1
2					1070.198				1070.198				2
3					1070.549				1070.198	1069.863			3
4					1070.566	1070.320			1070.198				4
5					1070.512	1070.229		1070.625	1070.198				5
6						1070.016							6
7													7
8					1070.778				1070.107				8
9						1069.741	1070.701	1070.747	1070.107				9
10							1070.717	1070.747	1070.107				10
11													11
12					1070.778			1070.747	1069.970				12
13					1070.839	1069.528		1070.625	1069.955				13
14					1070.839		1070.717	1070.473		1069.970			14
15					1070.839			1070.244		1069.939			15
16						1069.924		1070.198	1070.077				16
17							1070.595	1070.198	1070.229				17
18						1069.925		1070.198	1070.305				18
19						1070.244	1070.595	1070.198	1070.168				19
20					1070.839	1070.428	1070.595	1070.198	1070.107	1066.541			20
21							1070.595	1070.198					21
22							1070.595	1070.198					22
23						1070.762	1070.595	1070.198					23
24					1070.762	1070.762	1070.595	1070.198	1070.107				24
25					1070.762	1070.762	1070.595	1070.198					25
26						1070.016	1070.595	1070.198					26
27						1070.762	1070.595	1070.198					27
28						1070.762	1070.595	1070.198					28
29					1068.979	1069.772	1070.595	1070.198	1070.107				29
30					1069.497	1070.290	1070.564	1070.198	1069.924				30
31						1070.625	1070.595	1070.198					31
TOTAL												1066.541	

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1930

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 1070.839 METRES ON MAY 13 MAX. OBSERVED WATER LEVEL, 1070.976 M ON JUN 11, 1970
MINIMUM OBSERVED DAILY WATER LEVEL, 1066.541 METRES ON JAN 1 MIN. OBSERVED WATER LEVEL, 1060.917 M ON OCT 13, 1969
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: JESSIE LAKE near Bonnyville

STATION NUMBER: 06AC906

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

GAUGE TYPE: Staff Gauge.

PERIOD OF RECORD: 1968 - 1980

HYDROGRAPHIC SURVEY MAP AVAILABLE: YES/NO

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

DAILY WATER LEVEL IN METRES FOR 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						548.789	548.801		548.866				1
2													2
3													3
4													4
5													5
6								548.856					6
7													7
8							548.832		548.866	548.847			8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16							548.814						16
17													17
18								548.884					18
19													19
20										548.801			20
21													21
22									548.869				22
23													23
24								548.884	548.878				24
25													25
26													26
27										548.786			27
28					548.801		548.844						28
29	548.722								548.859				29
30						548.780							30
31													31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 548.884 METRES ON AUG 18 MAX. OBSERVED WATER LEVEL, 549.317 METRES ON MAY 30/75
MINIMUM OBSERVED DAILY WATER LEVEL, 548.722 METRES ON JAN 29 MIN. OBSERVED WATER LEVEL, 548.158 METRES ON OCT. 25/69
WATER LEVELS ARE REFERRED TO GEODETIC

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 - 1980

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 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1										721.964			1
2													2
3													3
4			721.660										4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16					721.663								16
17													17
18													18
19							721.812						19
20													20
21													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 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 721.964 METRES ON OCT 2 MAX. OBSERVED WATER LEVEL, 722.230 METRES ON JUL. 23/74
MINIMUM OBSERVED DAILY WATER LEVEL, 721.660 METRES ON MAR 4 MIN. OBSERVED WATER LEVEL, 720.925 METRES ON NOV. 1/68
WATER LEVELS ARE REFERRED TO GEODETIC

LAKE - STATION DESCRIPTION

STATION NAME: JOSEPH LAKE near New Sarepta

STATION NUMBER: 05EB903

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

GAUGE TYPE: Staff Gauge.

PERIOD OF RECORD: 1969 - 1980

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 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						759.307	759.267	759.267	759.437	759.452	759.417		1
2						759.302	759.282	759.282	759.432	759.447	759.412		2
3						759.302	759.307	759.307	759.432	759.432	759.412		3
4						759.282	759.342	759.342	759.427	759.452	759.412		4
5						759.277	759.347	759.347	759.422	759.452	759.412		5
6						759.277	759.337	759.337	759.422	759.447	759.412		6
7						759.282	759.327	759.327	759.427	759.447	759.407		7
8						759.287	759.322	759.322	759.432	759.447	759.407		8
9						759.282	759.312	759.312	759.427	759.437	759.407		9
10						759.272	759.307	759.307	759.427	759.437	759.407		10
11						759.282	759.309	759.309	759.422	759.432			11
12						759.292	759.312	759.312	759.427	759.432			12
13						759.287	759.307	759.307	759.422	759.427	759.424		13
14			759.284			759.292	759.302	759.302	759.417	759.427			14
15						759.297	759.297	759.297	759.422	759.427			15
16						759.266	759.302	759.302	759.442	759.427			16
17						759.352	759.307	759.307	759.457	759.427			17
18						759.327	759.302	759.302	759.467	759.427			18
19						759.297	759.297	759.302	759.467	759.427			19
20						759.302	759.282	759.307	759.462	759.427			20
21						759.297	759.277	759.312	759.457	759.427			21
22						759.292	759.282	759.317	759.457	759.422			22
23						759.272	759.287	759.322	759.452	759.422			23
24						759.297	759.282	759.327	759.452	759.422			24
25						759.302	759.277	759.327	759.447	759.422			25
26						759.305	759.287	759.322	759.457	759.422			26
27						759.310	759.282	759.317	759.452	759.422			27
28						759.297	759.277	759.412	759.447	759.417			28
29						759.302	759.272	759.432	759.452	759.417			29
30						759.307	759.272	759.437	759.442	759.417			30
31						759.254	759.254	759.442	759.417	759.417			31
TOTAL						23537.859	23539.164	22783.205	23542.377				TOTAL
MEAN						759.286	759.328	759.440	759.432				MEAN
MAX						759.307	759.442	759.467	759.452				MAX
MIN						759.254	759.267	759.417	759.417				MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 759.467 METRES ON SEP 18 MAX. OBSERVED WATER LEVEL, 759.501 METRES ON MAY 18/79
MINIMUM OBSERVED DAILY WATER LEVEL, 759.254 METRES ON JUL 31 MIN. OBSERVED WATER LEVEL, 758.791 METRES ON OCT. 16/70
WATER LEVELS ARE REFERRED TO GEODETIC

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 - 1980

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 1980

DAY	JAN	FEB	MAR	APR	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							539.426						16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25									539.374				25
26													26
27													27
28													28
29	539.438				539.456								29
30													30
31													31
TOTAL													

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 539.456 METRES ON MAY 28 MAX. OBSERVED WATER LEVEL, 539.996 METRES ON MAY 7/71
MINIMUM OBSERVED DAILY WATER LEVEL, 539.374 METRES ON SEP 24 MIN. OBSERVED WATER LEVEL, 539.335 METRES ON JAN. 22/75
WATER LEVELS ARE REFERRED TO GEODETIC

LAKE - STATION DESCRIPTION

STATION NAME: KIMIWAN LAKE at McLennan

STATION NUMBER: 07HA907

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

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD:

HYDROGRAPHIC SURVEY MAP AVAILABLE:

~~YES~~/NO

REMARKS:

DAILY WATER LEVEL IN METRES FOR 1980

DAY	JAN	FEB	MAR	APR	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							619.013						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 1980

MAXIMUM OBSERVED DAILY WATER LEVEL, 619.013 METRES ON JUL 22
MINIMUM OBSERVED DAILY WATER LEVEL, 619.013 METRES ON JUL 22
WATER LEVELS ARE REFERRED TO GEODETIC ELEVATION

LAKE - STATION DESCRIPTION

STATION NAME: KINKY LAKE near Hinton

STATION NUMBER: 07AD902

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

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1971 - 1980

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 1980

DAY	JAN	FEB	MAR	APR	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					1152.137								21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL

1152.435

1152.460

MEAN
MAX
MIN

MEAN
MAX
MIN

HISTORICAL SUMMARY

SUMMARY FOR THE YEAR 1980

MAXIMUM OBSERVED DAILY WATER LEVEL, 1152.460 METRES ON SEP 23 MAX. OBSERVED WATER LEVEL, 1152.403 METRES ON OCT. 11/78
MINIMUM OBSERVED DAILY WATER LEVEL, 1152.137 METRES ON MAY 21 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: None. Level established by surveying.

PERIOD OF RECORD: 1976 - 1980

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 1980

DAY	JAN	FEB	MAR	APR	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

721.932

721.956

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 721.956 METRES ON JUL 24
MINIMUM OBSERVED DAILY WATER LEVEL, 721.932 METRES ON MAY 14
WATER LEVELS ARE REFERRED TO GEODETIC ELEVATION
MAX. OBSERVED WATER LEVEL, 723.248 METRES ON AUG. 24/76
MIN. OBSERVED WATER LEVEL, 721.651 METRES ON JAN. 9/77

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 - 1980

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

REMARKS: Water Levels Geodetic 1969-1973, Assumed 1974 to 1980.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

LAC BELLEVUE NEAR ST. PAUL

STATION NO. 05ED909

DAILY WATER LEVEL IN METRES FOR 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16							30.300						16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25									30.257				25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

MEAN
MAX
MIN

HISTORICAL SUMMARY

SUMMARY FOR THE YEAR 1980

MAXIMUM OBSERVED DAILY WATER LEVEL, 30.349 METRES ON MAY 28 MAX. OBSERVED WATER LEVEL, 30.400 M ON AUG 20, 1979
MINIMUM OBSERVED DAILY WATER LEVEL, 30.257 METRES ON SEP 24 MIN. OBSERVED WATER LEVEL, 30.102 M ON FEB 7, 1979
WATER LEVELS ARE REFERRED TO ASSUMED

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: Measuring Point with tape and weight.

PERIOD OF RECORD: 1971 - 1980

HYDROGRAPHIC SURVEY MAP AVAILABLE: YES/NO

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

DAILY WATER LEVEL IN METRES FOR 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	644.841			644.893					644.567				1
2						644.780					644.673		2
3			644.902					644.658					3
4													4
5		644.902											5
6	644.835				644.841		644.658						6
7				644.871					644.551				7
8													8
9						644.777			644.536			644.795	9
10													10
11			644.887					644.658			644.719		11
12		644.902			644.826								12
13													13
14	644.841											644.841	14
15				644.877									15
16						644.749	644.685		644.551	644.573			16
17							644.643				644.734		17
18			644.887					644.628					18
19		644.887							644.612				19
20					644.795								20
21	644.874			644.871			644.621					644.871	21
22													22
23						644.734			644.573				23
24													24
25													25
26								644.597			644.689		26
27		644.902								644.652			27
28	644.902				644.774								28
29			644.893	644.856			644.561						29
30	644.942					644.734			644.512				30
31			644.893									644.887	31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 644.942 METRES ON JAN 30 MAX. OBSERVED WATER LEVEL, 645.307 M ON JUL 15, 1971
MINIMUM OBSERVED DAILY WATER LEVEL, 644.512 METRES ON SEP 30 MIN. OBSERVED WATER LEVEL, 644.213 M ON SEP 14, 1978
WATER LEVELS ARE REFERRED TO GEODETIC

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 - 1980

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

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

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

LAC SANTE NEAR ST. PAUL

STATION NO. 05ED911

DAILY WATER LEVEL IN METRES FOR 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1											607.399		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

606.790

606.738

MEAN
MAX
MIN

MEAN
MAX
MIN

HISTORICAL SUMMARY

SUMMARY FOR THE YEAR 1980

MAXIMUM OBSERVED DAILY WATER LEVEL, 607.546 METRES ON MAR 12 MAX. OBSERVED WATER LEVEL, 607.978 M ON JUN 6, 1974
MINIMUM OBSERVED DAILY WATER LEVEL, 606.738 METRES ON JUL 28 MIN. OBSERVED WATER LEVEL, 607.296 M ON FEB 3, 1969
WATER LEVELS ARE REFERRED TO GEODETIC

LAKE - STATION DESCRIPTION

STATION NAME: LAKE NEWELL near Brooks

STATION NUMBER: 05BN901

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

GAUGE TYPE: Staff Gauge.

PERIOD OF RECORD: 1979 - 1980

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

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

DAILY WATER LEVEL IN METRES FOR 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						767.157							1
2								766.386					2
3													3
4													4
5					767.401								5
6													6
7							766.930						7
8													8
9					767.172								9
10													10
11					767.441			766.359					11
12													12
13													13
14													14
15							766.791						15
16						767.218							16
17													17
18													18
19					767.233		766.639						19
20													20
21													21
22													22
23						767.124							23
24													24
25													25
26					767.142								26
27													27
28													28
29						767.020	766.487						29
30													30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 767.441 METRES ON MAY 12 MAX OBSERVED WATER LEVEL, 767.441 M ON MAY 12, 1980
MINIMUM OBSERVED DAILY WATER LEVEL, 766.359 METRES ON AUG 11 MIN OBSERVED WATER LEVEL, 764.627 M ON AUG 25, 1974
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: LAURIER LAKE near Heinsburg

STATION NUMBER: 05ED912

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

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1968 -1980

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 1980

DAY	JAN	FEB	MAR	APR	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							566.876						16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25									566.791				25
26													26
27													27
28					566.904								28
29													29
30													30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 566.904 METRES ON MAY 28
MINIMUM OBSERVED DAILY WATER LEVEL, 566.791 METRES ON SEP 24
WATER LEVELS ARE REFERRED TO GEODETIC

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

LAKE - STATION DESCRIPTION

STATION NAME: LAWRENCE LAKE near Athabasca

STATION NUMBER: 07BE905

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

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1964; 1968 - 1980

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

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

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

LAWRENCE LAKE NEAR ATHABASCA

STATION NO. 07BE905

DAILY WATER LEVEL IN METRES FOR 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4		644.234											4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15					644.167		644.189						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									644.280				TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 644.280 METRES ON SEP 29 MAX. OBSERVED WATER LEVEL, 645.073 METRES ON JUL. 7/71
MINIMUM OBSERVED DAILY WATER LEVEL, 644.167 METRES ON MAY 14 MIN. OBSERVED WATER LEVEL, 643.991 METRES ON NOV. 20/68
WATER LEVELS ARE REFERRED TO GEODETIC

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 - 1980

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 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4		625.843											4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15					625.840		625.827						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									625.788				31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 625.843 METRES ON FEB 4 MAX. OBSERVED WATER LEVEL, 626.132 METRES ON JUN. 1/79
MINIMUM OBSERVED DAILY WATER LEVEL, 625.788 METRES ON SEP 29 MIN. OBSERVED WATER LEVEL, 625.788 METRES ON SEP. 29/80
WATER LEVELS ARE REFERRED TO GEODETIC

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 - 1980

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 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1									28.383				1
2													2
3													3
4													4
5													5
6													6
7								28.584					7
8										28.322			8
9						28.715							9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19											28.337		19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL				28.657									TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 28.715 METRES ON JUN 9
MINIMUM OBSERVED DAILY WATER LEVEL, 28.322 METRES ON OCT 8
WATER LEVELS ARE REFERRED TO ASSUMED
MAX. OBSERVED WATER LEVEL, 28.935 METRES ON MAY 23/79.
MIN. OBSERVED WATER LEVEL, 28.145 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 - 1980

HYDROGRAPHIC SURVEY MAP AVAILABLE: YES/NO

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

LESSARD LAKE NEAR GLENEVIS

STATION NO. 07BB904

DAILY WATER LEVEL IN METRES FOR 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5		739.423											5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15					739.463								15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL									739.558				TOTAL

MEAN
MAX
MIN

HISTORICAL SUMMARY

SUMMARY FOR THE YEAR 1980

MAXIMUM OBSERVED DAILY WATER LEVEL, 739.558 METRES ON SEP 30 MAX. OBSERVED WATER LEVEL, 739.850 METRES ON MAY 17/74
MINIMUM OBSERVED DAILY WATER LEVEL, 739.423 METRES ON FEB 5 MIN. OBSERVED WATER LEVEL, 739.164 METRES ON OCT. /69
WATER LEVELS ARE REFERRED TO GEODETIC

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 - 1980

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/NO

REMARKS: There is a Ducks Unlimited Control Structure on this lake.
Lake Levels are Geodetic 1971 to 1977, Assumed 1978-1980.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

LITTLE BEAVER LAKE NEAR FERINTOSH

STATION NO. 05FC901

DAILY WATER LEVEL IN METRES FOR 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11			28.295								28.484		11
12													12
13													13
14													14
15													15
16													16
17													17
18						28.407							18
19													19
20													20
21													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 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 28.484 METRES ON NOV 12 MAX. OBSERVED WATER LEVEL, 28.541 M ON JUN 18, 1980
MINIMUM OBSERVED DAILY WATER LEVEL, 28.295 METRES ON MAR 11 MIN. OBSERVED WATER LEVEL, 28.197 M ON JUL 4, 1978
WATER LEVELS ARE REFERRED TO ASSUMED

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 - 1980

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 1980

DAY	JAN	FEB	MAR	APR	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

988.344

988.415

988.271

988.085

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 988.415 METRES ON MAY 13 MAX. OBSERVED WATER LEVEL, 989.710 METRES ON JUN. 11/75
MINIMUM OBSERVED DAILY WATER LEVEL, 988.085 METRES ON OCT 30 MIN. OBSERVED WATER LEVEL, 988.085 METRES ON OCT. 30/80
WATER LEVELS ARE REFERRED TO GEODETIC

MEAN
MAX
MIN

MEAN
MAX
MIN

LAKE - STATION DESCRIPTION

STATION NAME: LLOYD LAKE near Priddis

STATION NUMBER: 05BK901

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

GAUGE TYPE: Staff Gauge.

PERIOD OF RECORD: 1980

HYDROGRAPHIC SURVEY MAP AVAILABLE:

~~XXES~~/NO

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

LLOYD LAKE NEAR PRIDDIS

STATION NO. 05BK901

DAILY WATER LEVEL IN METRES FOR 1980

DAY	JAN	FEB	MAR	APR	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									1129.214	1129.238			9
10													10
11													11
12													12
13			1129.334		1129.369	1129.430							13
14													14
15													15
16													16
17													17
18													18
19													19
20									1129.253				20
21													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 1980

MAXIMUM OBSERVED DAILY WATER LEVEL, 1129.430 METRES ON JUN 13
MINIMUM OBSERVED DAILY WATER LEVEL, 1129.214 METRES ON SEP 9
WATER LEVELS ARE REFERRED TO CIODE/FIC

LAKE - STATION DESCRIPTION

STATION NAME: LONG LAKE near Boyle

STATION NUMBER: 06AA909

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

GAUGE TYPE: Staff Gauge.

PERIOD OF RECORD: 1969 - 1980

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 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1							620.764	620.770					1
2							620.766	620.772					2
3							620.766						3
4							620.778	620.857					4
5						620.733	620.779	620.864					5
6						620.738	620.784	620.870					6
7						620.738	620.782	620.877					7
8						620.738	620.782	620.881					8
9						620.735	620.781	620.896					9
10							620.789	620.898					10
11							620.787	620.901					11
12						620.730	620.786	620.896					12
13						620.732	620.783	620.896					13
14							620.777	620.903					14
15								620.903					15
16							620.797	620.901					16
17							620.800	620.904					17
18							620.788	620.906					18
19						620.751	620.791	620.918					19
20						620.749	620.789	620.920					20
21							620.790	620.916					21
22							620.788	620.920					22
23						620.742	620.786	620.923		620.961			23
24							620.783						24
25							620.786	620.923					25
26					620.673		620.782	620.922					26
27							620.779	620.922					27
28	620.725						620.942	620.942					28
29						620.760	620.771	620.936					29
30						620.760		620.932					30
31						620.769							31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 620.961 METRES ON SEP 22 MAX. OBSERVED WATER LEVEL, 621.121 METRES ON JUNE 2/78
MINIMUM OBSERVED DAILY WATER LEVEL, 620.673 METRES ON MAY 26 MIN. OBSERVED WATER LEVEL, 620.497 METRES ON OCT. 20/72
WATER LEVELS ARE REFERRED TO GEODETIC

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 - 1980

HYDROGRAPHIC SURVEY MAP AVAILABLE: YES/NO

REMARKS: There is a Ducks Unlimited Control Structure on this lake.
Lake Levels are Geodetic 1969-1973, Assumed 1974-1980.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

LONG LAKE NEAR EDSON

STATION NO. 07AG902

DAILY WATER LEVEL IN METRES FOR 1980

DAY	JAN	FEB	MAR	APR	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

25.488

26.199

25.790

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 26.199 METRES ON SEP 24
MINIMUM OBSERVED DAILY WATER LEVEL, 25.488 METRES ON MAY 22
WATER LEVELS ARE REFERRED TO ASSUMED ELEVATION

MAX. OBSERVED WATER LEVEL, 26.286 METRES ON OCT 27, 1977
MIN. OBSERVED WATER LEVEL, 25.454 METRES ON JUN 6, 1974

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 - 1980

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 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4		697.465											4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15					697.422		697.486						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

697.526

TOTAL

MEAN
MAX
MIN

TOTAL
MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 697.526 METRES ON SEP 29
MINIMUM OBSERVED DAILY WATER LEVEL, 697.422 METRES ON MAY 15
WATER LEVELS ARE REFERRED TO GEODETIC

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 - 1980

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 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16							615.745						16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25									615.717				25
26													26
27													27
28													28
29													29
30	615.824				615.812								30
31													31
TOTAL													
MEAN													
MAX													
MIN													

TOTAL
MEAN
MAX
MIN

HISTORICAL SUMMARY

SUMMARY FOR THE YEAR 1980

MAXIMUM OBSERVED DAILY WATER LEVEL, 615.824 METRES ON JAN 30 MAX. OBSERVED WATER LEVEL, 616.196 METRES ON JUN. 7/79
MINIMUM OBSERVED DAILY WATER LEVEL, 615.717 METRES ON SEP 25 MIN. OBSERVED WATER LEVEL, 615.611 METRES ON OCT. 9/74
WATER LEVELS ARE REFERRED TO GEODETIC

TOTAL
MEAN
MAX
MIN

LAKE - STATION DESCRIPTION

STATION NAME: LOWER THERIEN LAKE near St. Paul

STATION NUMBER: 05ED906

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

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1969 - 1980

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 1980

DAY	JAN	FEB	MAR	APR	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							635.160						16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25									635.124				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 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 635.224 METRES ON JAN 30 MAX. OBSERVED WATER LEVEL, 635.313 METRES ON OCT. 4/79
MINIMUM OBSERVED DAILY WATER LEVEL, 635.124 METRES ON SEP 24 MIN. OBSERVED WATER LEVEL, 633.225 METRES ON NOV. 12/70
WATER LEVELS ARE REFERRED TO GEODETIC

LAKE - STATION DESCRIPTION

STATION NAME: MAGLOIRE LAKE near Falher

STATION NUMBER: 07GJ902

LOCATION: 79-21-W5

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1980

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

REMARKS:

DAILY WATER LEVEL IN METRES FOR 1980

DAY	JAN	FEB	MAR	APR	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							601.401						21
22													22
23													23
24													24
25									601.390				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 1980

MAXIMUM OBSERVED DAILY WATER LEVEL, 601.401 METRES ON JUL 22
MINIMUM OBSERVED DAILY WATER LEVEL, 601.390 METRES ON SEP 25
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 - 1980

HYDROGRAPHIC SURVEY MAP AVAILABLE:

~~YES~~/NO

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

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

MAJEAU LAKE NEAR GLENEVIS

STATION NO. 07BB905

DAILY WATER LEVEL IN METRES FOR 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5		676.830											5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16					676.805								16
17													17
18							676.790						18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31									676.845				31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

TOTAL
MEAN
MAX
MIN

HISTORICAL SUMMARY

SUMMARY FOR THE YEAR 1980
MAXIMUM OBSERVED DAILY WATER LEVEL, 676.845 METRES ON SEP 30
MINIMUM OBSERVED DAILY WATER LEVEL, 676.790 METRES ON JUL 16
WATER LEVELS ARE REFERRED TO GEODETIC
MAX. OBSERVED WATER LEVEL, 677.650 METRES ON MAY 17/74
MIN. OBSERVED WATER LEVEL, 676.619 METRES ON JUL. 2/70

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 - 1980

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

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

DAILY WATER LEVEL IN METRES FOR 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1					555.345	555.345	555.269	555.172	555.414				1
2							555.274	555.192					2
3								555.217					3
4					555.345	555.345		555.242	555.429				4
5													5
6							555.259	555.252	555.439				6
7					555.345	555.345		555.262	555.439				7
8					555.340	555.249		555.266					8
9													9
10													10
11					555.335	555.234	555.271	555.443					11
12						555.325	555.224	555.301					12
13									555.448				13
14						555.315	555.224						14
15													15
16					555.315								16
17						555.219	555.326	555.478					17
18													18
19					555.305	555.209	555.340						19
20													20
21							555.208	555.502					21
22						555.294		555.350	555.522				22
23													23
24					555.284	555.203	555.370						24
25													25
26					555.340	555.284	555.193						26
27					555.345	555.279		555.395					27
28							555.193						28
29	555.407					555.274							29
30							555.172	555.394					30
31					555.350								31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

TOTAL
MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 555.522 METRES ON SEP 23 MAX. OBSERVED WATER LEVEL, 556.086 METRES ON JUN. 12/74
MINIMUM OBSERVED DAILY WATER LEVEL, 555.172 METRES ON JUL 31 MIN. OBSERVED WATER LEVEL, 555.172 METRES ON JUL. 31/80
WATER LEVELS ARE REFERRED TO GEODETIC

LAKE - STATION DESCRIPTION

STATION NAME: MANAWAN LAKE near Lega1

STATION NUMBER: 05EA911

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

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1957-62; 1964 - 1980

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

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

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

MANAWAN LAKE NEAR LEGAL

STATION NO. 05EA911

DAILY WATER LEVEL IN METRES FOR 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4		698.766											4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15					698.769		698.760						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									698.781				TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 698.781 METRES ON SEP 29 MAX. OBSERVED WATER LEVEL, 699.729 METRES ON JUL. 19/74
MINIMUM OBSERVED DAILY WATER LEVEL, 698.760 METRES ON JUL 15 MIN. OBSERVED WATER LEVEL, 698.382 METRES ON JUL. 19/68
WATER LEVELS ARE REFERRED TO GEODETIC

LAKE - STATION DESCRIPTION

STATION NAME: MARIE LAKE near Cold Lake

STATION NUMBER: 06AC909

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

GAUGE TYPE: Staff Gauge.

PERIOD OF RECORD: 1968 - 1980

HYDROGRAPHIC SURVEY MAP AVAILABLE: YES/NO

REMARKS: Water Survey of Canada station installed 1980.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

MARIE LAKE NEAR COLD LAKE

STATION NO. 06AC909

DAILY WATER LEVEL IN METRES FOR 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1					573.708								1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13			573.661										13
14													14
15	573.637						573.657						15
16												573.727	16
17													17
18													18
19													19
20													20
21													21
22													22
23									573.753				23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31

TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 573.753 METRES ON SEP 23 MAX. OBSERVED WATER LEVEL, 574.091 METRES ON JUN 13/74
MINIMUM OBSERVED DAILY WATER LEVEL, 573.637 METRES ON JAN 15 MIN. OBSERVED WATER LEVEL, 573.323 METRES ON JUL. 4/68
WATER LEVELS ARE REFERRED TO GEODETIC

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 - 1980

HYDROGRAPHIC SURVEY MAP AVAILABLE: YES/NO

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

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

MARTIN LAKE NEAR HYTHE

STATION NO. 07GE912

DAILY WATER LEVEL IN METRES FOR 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1										814.350			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					814.357								15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25							814.351						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 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 814.357 METRES ON MAY 15 MAX. OBSERVED WATER LEVEL, 814.791 METRES ON AUG. 24/76
MINIMUM OBSERVED DAILY WATER LEVEL, 814.350 METRES ON OCT 2 MIN. OBSERVED WATER LEVEL, 814.420 METRES ON NOV. 10/78
WATER LEVELS ARE REFERRED TO GEODETIC ELEVATION

LAKE - STATION DESCRIPTION

STATION NAME: MATCHAYAW LAKE near Stony Plain

STATION NUMBER: 05EA906

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

GAUGE TYPE: Tape and weight from a Measuring Point.

PERIOD OF RECORD: 1969 - 1980

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/~~NO~~

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

MAICHAYAW LAKE NEAR STONY PLAIN

STATION NO. 05EA906

DAILY WATER LEVEL IN METRES FOR 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1				679.070	678.756	678.915				678.988			1
2													2
3			679.055										3
4				679.103									4
5													5
6								679.271					6
7				679.152									7
8													8
9				679.247									9
10													10
11				679.250									11
12				679.235									12
13													13
14				679.155									14
15				679.122									15
16					678.783								16
17				679.024									17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25						679.189							25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

MEAN
MAX
MIN

TOTAL
MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 679.271 METRES ON AUG 7 MAX. OBSERVED WATER LEVEL, 679.817 METRES ON JUL. 22/74
MINIMUM OBSERVED DAILY WATER LEVEL, 678.756 METRES ON MAY 1 MIN. OBSERVED WATER LEVEL, 678.622 METRES ON MAY 30/73
WATER LEVELS ARE REFERRED TO GEODETIC

LAKE - STATION DESCRIPTION

STATION NAME: MEDICINE LAKE near Rimbey

STATION NUMBER: 05CC904

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

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1969 - 1980

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/~~NO~~

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

MEDICINE LAKE NEAR RIMBEY

STATION NO. 05CC904

DAILY WATER LEVEL IN METRES FOR 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10			981.166										10
11													11
12											981.313		12
13													13
14													14
15													15
16													16
17						981.230							17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31							980.813						31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 981.313 METRES ON NOV 12 MAX. OBSERVED WATER LEVEL, 981.331 METRES ON MAY 18/77
MINIMUM OBSERVED DAILY WATER LEVEL, 980.813 METRES ON JUL 30 MIN. OBSERVED WATER LEVEL, 980.328 METRES ON SEP. 14/70
WATER LEVELS ARE REFERRED TO GEODETIC

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 - 1980

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

REMARKS: Geodetic Elevation verified April 1978.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

MERE LAKE NEAR STONY PLAIN

STATION NO. 05EA912

DAILY WATER LEVEL IN METRES FOR 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1			733.007							733.053			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					733.010								16
17													17
18							733.065						18
19													19
20													20
21													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 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 733.065 METRES ON JUL 17 MAX. OBSERVED WATER LEVEL, 733.306 METRES ON JUL. 22/74
MINIMUM OBSERVED DAILY WATER LEVEL, 733.007 METRES ON MAR 4 MIN. OBSERVED WATER LEVEL, 732.587 METRES ON JUL. 8/69
WATER LEVELS ARE REFERRED TO GEODETIC

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 - 1980

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.

DAILY WATER LEVEL IN METRES FOR 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						970.708			970.801				1
2								970.824					2
3													3
4													4
5													5
6							970.860		970.796				6
7													7
8						970.728							8
9													9
10													10
11		970.788						970.821					11
12													12
13							970.831						13
14													14
15													15
16						970.769			970.832				16
17								970.823					17
18													18
19													19
20													20
21					970.605		970.831		970.839				21
22						970.809			970.836				22
23													23
24					970.617			970.827					24
25													25
26													26
27													27
28							970.823						28
29						970.860							29
30							970.812						30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 970.860 METRES ON JUN 30 MAX. OBSERVED WATER LEVEL, 970.962 M ON JUN 4, 1974
MINIMUM OBSERVED DAILY WATER LEVEL, 970.605 METRES ON MAY 22 MIN. OBSERVED WATER LEVEL, 970.349 M ON OCT 6, 1970
WATER LEVELS ARE REFERRED TO GEODETIC

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 - 1980

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 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1										736.506			1
2													2
3													3
4			736.427										4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16					736.409								16
17													17
18													18
19													19
20							736.473						20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

MEAN
MAX
MIN

HISTORICAL SUMMARY

SUMMARY FOR THE YEAR 1980

MAXIMUM OBSERVED DAILY WATER LEVEL, 736.506 METRES ON OCT 2 MAX. OBSERVED WATER LEVEL, 736.577 METRES ON MAY 28/79
MINIMUM OBSERVED DAILY WATER LEVEL, 736.409 METRES ON MAY 16 MIN. OBSERVED WATER LEVEL, 735.467 METRES ON OCT. 5/70
WATER LEVELS ARE REFERRED TO GEODETIC

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 - 1980

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 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1										991.520			1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11		991.472											11
12					991.405								12
13													13
14							991.490						14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

TOTAL
MEAN
MAX
MIN

HISTORICAL SUMMARY

SUMMARY FOR THE YEAR 1980

MAXIMUM OBSERVED DAILY WATER LEVEL, 991.520 METRES ON OCT 1 MAX. OBSERVED WATER LEVEL, 991.520 M ON OCT 1, 1981
MINIMUM OBSERVED DAILY WATER LEVEL, 991.405 METRES ON MAY 13 MIN. OBSERVED WATER LEVEL, 990.073 M ON MAY 8, 1970
WATER LEVELS ARE REFERRED TO GEODETIC

LAKE - STATION DESCRIPTION

STATION NAME: MIRAGE LAKE at Moonshine Provincial Park

STATION NUMBER: 07FD905

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

GAUGE TYPE: Staff Gauge.

PERIOD OF RECORD: 1978 - 1980

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

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

DAILY WATER LEVEL IN METRES FOR 1980													
DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1					717.948	717.950	717.913	717.812	717.784				1
2					717.952	717.950	717.902		717.782				2
3					717.946	717.948	717.904						3
4					717.948	717.949	717.906	717.801	717.777				4
5					717.946	717.951	717.906		717.776				5
6						717.948	717.900		717.781				6
7						717.949	717.896	717.806	717.782				7
8					717.962			717.802	717.782				8
9					717.970	717.948			717.782				9
10									717.783				10
11					717.948	717.946	717.830		717.782				11
12					717.952	717.944	717.879		717.783				12
13					717.946	717.944	717.878		717.783				13
14					717.948	717.941			717.783				14
15					717.946	717.947	717.868		717.783				15
16						717.948							16
17					717.953	717.948	717.861						17
18					717.954	717.950		717.708					18
19					717.936	717.950							19
20					717.931		717.865	717.708					20
21					717.919	717.935		717.708					21
22					717.920	717.934		717.697	717.809				22
23					717.927	717.931	717.851						23
24					717.932	717.927	717.852	717.745	717.811				24
25					717.949	717.921	717.852						25
26					717.951	717.921	717.852	717.786					26
27							717.849	717.780					27
28					717.951	717.917	717.848	717.781					28
29						717.916	717.839	717.781					29
30					717.950	717.917	717.844	717.781					30
31					717.948		717.844	717.784					31

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 717.970 METRES ON MAY 10
MINIMUM OBSERVED DAILY WATER LEVEL, 717.776 METRES ON SEP 5
WATER LEVELS ARE REFERRED TO GEODETIC

MAX. OBSERVED WATER LEVEL, 718.319 METRES ON MAY 29/79
MIN. OBSERVED WATER LEVEL, 717.776 METRES ON SEP 5/80

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 - 1980

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 1980

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

568.565

568.559

568.607

568.662

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 568.662 METRES ON JAN 28 MAX. OBSERVED WATER LEVEL, 568.985 METRES ON OCT. 6/75
MINIMUM OBSERVED DAILY WATER LEVEL, 568.559 METRES ON SEP 22 MIN. OBSERVED WATER LEVEL, 568.364 METRES ON JUL. 5/68
WATER LEVELS ARE REFERRED TO GEODETIC

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 - 1980

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

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

MITSUE LAKE NEAR SLAVE LAKE

STATION NO. 07BK901

DAILY WATER LEVEL IN METRES FOR 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4		577.309											4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15					577.267		577.218						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									577.511				31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 577.511 METRES ON SEP 29 MAX. OBSERVED WATER LEVEL, 577.965 METRES ON MAY 23/74
MINIMUM OBSERVED DAILY WATER LEVEL, 577.218 METRES ON JUL 15 MIN. OBSERVED WATER LEVEL, 577.197 METRES ON OCT. 20/72
WATER LEVELS ARE REFERRED TO GEODETIC

LAKE - STATION DESCRIPTION

STATION NAME: MOORE LAKE near Fort Kent

STATION NUMBER: 06AC910

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

GAUGE TYPE: Staff Gauge.

PERIOD OF RECORD: 1969 - 1980

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

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

DAILY WATER LEVEL IN METRES FOR 1980													
DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1					549.616			549.497					1
2									549.546				2
3					549.618		549.570	549.526			549.500		3
4						549.595		549.546		549.540			4
5													5
6					549.609		549.551	549.595					6
7						549.595							7
8											549.500		8
9													9
10													10
11					549.610				549.544				11
12		549.612	549.588										12
13							549.542			549.520			13
14					549.601		549.530				549.500		14
15	549.548			549.618									15
16						549.587			549.542				16
17							549.520						17
18													18
19													19
20							549.520						20
21													21
22								549.570	549.548	549.510			22
23									549.540				23
24													24
25													25
26					549.593								26
27								549.558					27
28					549.593				549.540				28
29						549.579							29
30							549.507			549.500			30
31													31

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 549.618 METRES ON APR 15

MINIMUM OBSERVED DAILY WATER LEVEL, 549.497 METRES ON AUG 1

MAX. OBSERVED WATER LEVEL, 549.905 METRES ON JUN. 13/74

MIN. OBSERVED WATER LEVEL, 549.427 METRES ON MAY 20/70

WATER LEVELS ARE REFERRED TO GEODETIC

LAKE - STATION DESCRIPTION

STATION NAME: MOOSE LAKE near Bonnyville

STATION NUMBER: 06AC911

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

GAUGE TYPE: Staff Gauge.

PERIOD OF RECORD: 1950; 1956 - 1980

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

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

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

MOOSE LAKE NEAR BONNYVILLE

STATION NO. 06AC911

DAILY WATER LEVEL IN METRES FOR 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						533.030	533.027	533.009					1
2								533.019					2
3								533.019					3
4						533.036	533.028	533.019					4
5								533.028					5
6						533.036		533.038					6
7						533.037	533.019						7
8						533.037	533.019	533.048					8
9						533.032		533.048					9
10													10
11						533.032							11
12													12
13						533.023		533.048					13
14													14
15						533.013	533.010						15
16						533.013		533.048					16
17						533.019		533.048					17
18						533.024	533.010	533.048					18
19						533.019	533.010	533.042					19
20													20
21						533.015	533.000						21
22						533.015	532.999	533.037	533.010				22
23						533.015		533.037					23
24						533.015		533.037					24
25							532.999	533.037					25
26							532.999						26
27						533.026	533.004						27
28						533.026	533.004						28
29	532.961				533.019	533.031		533.037					29
30					533.029		533.004	533.032					30
31					533.020			533.027					31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 533.049 METRES ON MAY 28 MAX. OBSERVED WATER LEVEL, 534.101 METRES ON MAY 24/66
MINIMUM OBSERVED DAILY WATER LEVEL, 532.961 METRES ON JAN 29 MIN. OBSERVED WATER LEVEL, 532.827 METRES ON OCT. 31/67
WATER LEVELS ARE REFERRED TO GUNDRIFFIC

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 - 1980

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 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1										730.718			1
2													2
3													3
4			730.654										4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16					730.648								16
17													17
18													18
19													19
20													20
21													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 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 730.718 METRES ON OCT 2 MAX. OBSERVED WATER LEVEL, 731.118 METRES ON JUL. 27/74
MINIMUM OBSERVED DAILY WATER LEVEL, 730.648 METRES ON MAY 16 MIN. OBSERVED WATER LEVEL, 729.094 METRES ON OCT. 21/69
WATER LEVELS ARE REFERRED TO GEODETIC

LAKE - STATION DESCRIPTION

STATION NAME: MURDOCH LAKE near Deadwood

STATION NUMBER: 07HC902

LOCATION: 89-23-W5 - 5 miles West and 1.5 miles South of Deadwood.

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1980

HYDROGRAPHIC SURVEY MAP AVAILABLE:

~~YES~~/NO

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

MURDOCH LAKE NEAR DEADWOOD

STATION NO. 07HC902

DAILY WATER LEVEL IN METRES FOR 1980

DAY	JAN	FEB	MAR	APR	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							587.240						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 1980

MAXIMUM OBSERVED DAILY WATER LEVEL, 587.240 METRES ON JUL 22
MINIMUM OBSERVED DAILY WATER LEVEL, 587.240 METRES ON JUL 22
WATER LEVELS ARE REFERRED TO GEODETIC

LAKE - STATION DESCRIPTION

STATION NAME: MURIEL LAKE near Bonnyville

STATION NUMBER: 06AC912

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

GAUGE TYPE: Staff Gauge.

PERIOD OF RECORD: 1967 - 1980

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/~~NO~~

REMARKS: Geodetic Elevation verified in 1981.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

MURIEL LAKE NEAR BONNYVILLE

STATION NO. 06AC912

DAILY WATER LEVEL IN METRES FOR 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1							559.947	559.911	559.919				1
2							559.947	559.914					2
3													3
4													4
5													5
6													6
7						559.952	559.967	559.943					7
8						559.953	559.970	559.945					8
9							559.967	559.945					9
10								559.944	559.900				10
11								559.951					11
12								559.940					12
13								559.953					13
14								559.953					14
15						559.944							15
16								559.951	559.930				16
17												559.842	17
18													18
19													19
20						559.950	559.923						20
21													21
22						559.945	559.925						22
23									559.901				23
24							559.924		559.896				24
25							559.926						25
26													26
27								559.920					27
28						559.963							28
29						559.951		559.921					29
30	559.921												30
31					559.950		559.910						31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 559.970 METRES ON JUL 8 MAX. OBSERVED WATER LEVEL, 560.427 METRES ON JUN. 12/74
MINIMUM OBSERVED DAILY WATER LEVEL, 559.842 METRES ON DEC 17 MIN. OBSERVED WATER LEVEL, 559.534 METRES ON OCT. 16/69
WATER LEVELS ARE REFERRED TO GEODETIC

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 - 1980

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

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

NAKAMUN LAKE NEAR ONOWAY

STATION NO. 07BB906

DAILY WATER LEVEL IN METRES FOR 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5		682.267											5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16					682.273								16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL							682.307						TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 682.307 METRES ON JUL 16 MAX. OBSERVED WATER LEVEL, 683.078 METRES ON JUL. 19/74
MINIMUM OBSERVED DAILY WATER LEVEL, 682.267 METRES ON FEB 5 MIN. OBSERVED WATER LEVEL, 682.103 METRES ON SEP. 13/68
WATER LEVELS ARE REFERRED TO GEODETIC

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 - 1980

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/~~NO~~

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

NORTH BUCK LAKE NEAR CASLAN

STATION NO. 06AA913

DAILY WATER LEVEL IN METRES FOR 1980

DAY	JAN	FEB	MAR	APR	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							609.009						15
16													16
17													17
18													18
19													19
20													20
21									609.076				21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL

609.128

609.070

609.009

609.076

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 609.128 METRES ON JAN 28 MAX. OBSERVED WATER LEVEL, 609.213 METRES ON SEP. 12/78
MINIMUM OBSERVED DAILY WATER LEVEL, 609.009 METRES ON JUL 14 MIN. OBSERVED WATER LEVEL, 608.500 METRES ON OCT. 3/68
WATER LEVELS ARE REFERRED TO GEODETIC

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 - 1980

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 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						1055.146		1055.174	1055.173				1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9					1055.346				1055.171				9
10													10
11													11
12	1055.044												12
13													13
14													14
15							1055.251						15
16						1055.297							16
17								1055.184					17
18													18
19													19
20													20
21							1055.212						21
22					1055.048				1055.221				22
23						1055.368			1055.394				23
24													24
25					1055.065			1055.184					25
26													26
27													27
28													28
29													29
30						1055.409	1055.177						30
31													31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 1055.409 METRES ON JUN 30 MAX. OBSERVED WATER LEVEL, 1055.309 M ON MAY 18, 1977
MINIMUM OBSERVED DAILY WATER LEVEL, 1055.044 METRES ON FEB 12 MIN. OBSERVED WATER LEVEL, 1054.568 M ON MAY 28, 1975
WATER LEVELS ARE REFERRED TO GEODETIC

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 - 1980

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 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5		692.649											5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15					692.676								15
16													16
17							692.768						17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31									692.749				31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 692.768 METRES ON JUL 16 MAX. OBSERVED WATER LEVEL, 693.490 METRES ON JUL. 24/74
MINIMUM OBSERVED DAILY WATER LEVEL, 692.649 METRES ON FEB 5 MIN. OBSERVED WATER LEVEL, 692.621 METRES ON OCT. 17/79
WATER LEVELS ARE REFERRED TO GEODETIC

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 - 1980

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 1980

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

757.071

757.053

757.233

757.050

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 757.233 METRES ON NOV 13 MAX. OBSERVED WATER LEVEL, 757.367 METRES ON JUL. 17/74
MINIMUM OBSERVED DAILY WATER LEVEL, 757.050 METRES ON JUL 31 MIN. OBSERVED WATER LEVEL, 756.745 METRES ON APR. 12/71
WATER LEVELS ARE REFERRED TO GEODETIC

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 - 1980

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 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1					1379.211					1379.284			1
2													2
3													3
4													4
5													5
6						1379.467	1379.430	1379.302	1379.272				6
7										1379.266			7
8													8
9													9
10					1379.205								10
11													11
12						1379.467	1379.375	1379.308					12
13													13
14													14
15					1379.180					1379.266			15
16													16
17									1379.314				17
18													18
19						1379.491	1379.369	1379.327					19
20													20
21													21
22					1379.147				1379.299				22
23													23
24													24
25													25
26													26
27													27
28					1379.208								28
29					1379.406								29
30						1379.452	1379.345						30
31								1379.296	1379.287				31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 1379.494 METRES ON JUN 19 MAX. OBSERVED WATER LEVEL, 1379.650 M ON JUL 1, 1977
MINIMUM OBSERVED DAILY WATER LEVEL, 1379.147 METRES ON MAY 22 MIN. OBSERVED WATER LEVEL, 1379.007 M ON APR 16, 1978
WATER LEVELS ARE REFERRED TO GEODETIC

LAKE - STATION DESCRIPTION

STATION NAME: PAKOWKI LAKE near Medicine Hat

STATION NUMBER: 05AF902

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

GAUGE TYPE: Staff Gauge.

PERIOD OF RECORD: 1977 - 1980

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

REMARKS:

DAILY WATER LEVEL IN METRES FOR 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16								28.017					16
17													17
18				28.444									18
19													19
20													20
21													21
22									27.850				22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL

28.307

28.264

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 28.444 METRES ON APR 18
MINIMUM OBSERVED DAILY WATER LEVEL, 27.850 METRES ON SEP 22
WATER LEVELS ARE REFERRED TO ASSUMED

MAX. OBSERVED WATER LEVEL, 28.849 METRES ON MAY 2/79
MIN. OBSERVED WATER LEVEL, 27.639 METRES ON JUN. 29/77

MEAN
MAX
MIN

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 - 1980

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 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2						940.704	940.869		940.997				2
3													3
4													4
5					940.131			941.143					5
6										940.957			6
7													7
8						940.844	940.872		941.021	940.875			8
9													9
10													10
11					941.061			941.186					11
12													12
13													13
14													14
15							941.027			940.759			15
16						941.094			941.110	940.649			16
17													17
18					940.747			941.033		940.387			18
19													19
20													20
21							941.204		941.158	940.284			21
22													22
23													23
24						940.869							24
25													25
26					940.869			940.997					26
27													27
28													28
29													29
30						941.100			941.100	940.229			30
31													31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 941.204 METRES ON JUL 22 MAX. OBSERVED WATER LEVEL, 941.329 METRES ON JUN. 21/75
MINIMUM OBSERVED DAILY WATER LEVEL, 940.131 METRES ON MAY 5 MIN. OBSERVED WATER LEVEL, 939.805 METRES ON OCT. 27/77
WATER LEVELS ARE REFERRED TO GLODELITC

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 - 1980

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

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

PEANUT LAKE NEAR BARRHEAD

STATION NO. 07BB908

DAILY WATER LEVEL IN METRES FOR 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4		642.278											4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15					642.348								15
16							642.381						16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL									642.345				TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 642.381 METRES ON JUL 16 MAX. OBSERVED WATER LEVEL, 642.525 METRES ON JUL. 19/74
MINIMUM OBSERVED DAILY WATER LEVEL, 642.278 METRES ON FEB 4 MIN. OBSERVED WATER LEVEL, 641.939 METRES ON FEB. 26/70
WATER LEVELS ARE REFERRED TO GEODETIC

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 - 1980

HYDROGRAPHIC SURVEY MAP AVAILABLE: YES/NO

REMARKS: Water Levels are assumed 1971, 1972 and 1977-1980,
Geodetic 1973-1976.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

PEGASUS LAKE NEAR WHITECOURT

STATION NO. 07AH904

DAILY WATER LEVEL IN METRES FOR 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5		29.633											5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15					29.462								15
16							29.395						16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31									29.303				31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 29.633 METRES ON FEB 5
MINIMUM OBSERVED DAILY WATER LEVEL, 29.303 METRES ON SEP 30
WATER LEVELS ARE REFERRED TO ASSUMED
MAX. OBSERVED WATER LEVEL, 30.159 M ON OCT 4, 1978
MIN. OBSERVED WATER LEVEL, 29.303 M ON SEP 30, 1980

LAKE - STATION DESCRIPTION

STATION NAME: PIERRE GREY LAKE (LOWER) near Muskeg

STATION NUMBER: 07GA902

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

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1970 - 1980

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

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

PIERRE GREY LAKE (LOWER) NEAR MUSKEG

STATION NO. 07GA902

DAILY WATER LEVEL IN METRES FOR 1980

DAY	JAN	FEB	MAR	APR	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

1253.146

1252.932

1253.044

1253.122

MEAN
MAX
MIN

MEAN
MAX
MIN

HISTORICAL SUMMARY

SUMMARY FOR THE YEAR 1980

MAXIMUM OBSERVED DAILY WATER LEVEL, 1253.146 METRES ON FEB 12 MAX. OBSERVED WATER LEVEL, 1253.307 METRES ON SEP. 6/73
MINIMUM OBSERVED DAILY WATER LEVEL, 1252.932 METRES ON MAY 21 MIN. OBSERVED WATER LEVEL, 1252.880 METRES ON MAR. 15/78
WATER LEVELS ARE REFERRED TO GEODETIC ELEVATION

LAKE - STATION DESCRIPTION

STATION NAME: PIERRE GREY LAKE (MIDDLE) near Muskeg

STATION NUMBER: 07GA903

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

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1972 - 1980

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 1980

DAY	JAN	FEB	MAR	APR	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

1259.403

1259.518

1259.532

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 1259.532 METRES ON JUL 29 MAX. OBSERVED WATER LEVEL, 1259.592 METRES ON AUG. 4/77
MINIMUM OBSERVED DAILY WATER LEVEL, 1259.403 METRES ON MAY 21 MIN. OBSERVED WATER LEVEL, 1259.281 METRES ON MAY 21/75
WATER LEVELS ARE REFERRED TO GEODETIC ELEVATION

MEAN
MAX
MIN

LAKE - STATION DESCRIPTION

STATION NAME: PIERRE GREY LAKE (UPPER) near Muskeg

STATION NUMBER: 07GA904

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

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1971 - 1980

HYDROGRAPHIC SURVEY MAP AVAILABLE: YES/NO

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

PIERRE GREY LAKE (UPPER) NEAR MUSKEG

STATION NO. 07GA904

DAILY WATER LEVEL IN METRES FOR 1980

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

1263.049

1263.363

1263.355

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 1263.363 METRES ON SEP 22 MAX. OBSERVED WATER LEVEL, 1263.478 METRES ON AUG. 4/77
MINIMUM OBSERVED DAILY WATER LEVEL, 1263.049 METRES ON MAY 21 MIN. OBSERVED WATER LEVEL, 1262.570 METRES ON MAY 19/77
WATER LEVELS ARE REFERRED TO GEODETIC ELEVATION

LAKE - STATION DESCRIPTION

STATION NAME: PIGEON LAKE at Provincial Park

STATION NUMBER: 05FA908

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

GAUGE TYPE: Staff Gauge.

PERIOD OF RECORD: 1974 - 1980

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 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1							850.371		850.416				1
2													2
3													3
4								850.416					4
5													5
6											850.355		6
7							850.386		850.416				7
8													8
9													9
10			850.151										10
11								850.401					11
12													12
13						850.279	850.395						13
14													14
15													15
16						850.267	850.416	850.386	850.432				16
17													17
18													18
19													19
20													20
21							850.401						21
22													22
23						850.249							23
24								850.401					24
25													25
26													26
27						850.340		850.407					27
28							850.371						28
29													29
30													30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 850.447 METRES ON SEP 22 MAX. OBSERVED WATER LEVEL, 850.444 METRES ON JUN. 16/74
MINIMUM OBSERVED DAILY WATER LEVEL, 850.151 METRES ON MAR 10 MIN. OBSERVED WATER LEVEL, 849.630 METRES ON NOV. 17/77
WATER LEVELS ARE REFERRED TO GEODETIC

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 - 1980

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 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1								889.403					1
2													2
3													3
4													4
5													5
6						889.422	889.492	889.406					6
7						889.489	889.489	889.403					7
8													8
9					889.419	889.425	889.486	889.397					9
10							889.483						10
11					889.412	889.428							11
12							889.489						12
13							889.489						13
14					889.409	889.425	889.489						14
15							889.486						15
16								889.394					16
17							889.486	889.397					17
18							889.483	889.400					18
19						889.425	889.473						19
20		889.199											20
21						889.428		889.394					21
22					889.391								22
23								889.385					23
24				889.440									24
25				889.437			889.443						25
26					889.419	889.473	889.443						26
27				889.434		889.489							27
28					889.415	889.501		889.382					28
29						889.507							29
30													30
31					889.412		889.428	889.367					31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 889.507 METRES ON JUN 29 MAX. OBSERVED WATER LEVEL 889.507 METRES ON JUN 29/80
MINIMUM OBSERVED DAILY WATER LEVEL, 889.199 METRES ON FEB 20 MIN. OBSERVED WATER LEVEL 888.562 METRES ON NOV 15/67
WATER LEVELS ARE REFERRED TO GEODETIC

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 - 1980

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 1980

DAY	JAN	FEB	MAR	APR	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							588.474						16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL

588.589

588.541

588.474

588.501

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 588.589 METRES ON JAN 29
MINIMUM OBSERVED DAILY WATER LEVEL, 588.474 METRES ON JUL 15
WATER LEVELS ARE REFERRED TO GEODETIC ELEVATION

MAX. OBSERVED WATER LEVEL, 589.001 METRES ON SEP 1/71
MIN. OBSERVED WATER LEVEL, 588.340 METRES ON OCT 19/72

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

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 1980

DAY	JAN	FEB	MAR	APR	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							616.322						21
22													22
23													23
24													24
25									616.287				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 1980

MAXIMUM OBSERVED DAILY WATER LEVEL, 616.322 METRES ON JUL 22
MINIMUM OBSERVED DAILY WATER LEVEL, 616.287 METRES ON SEP 25
WATER LEVELS ARE REFERRED TO GEODETIC ELEVATION

LAKE - STATION DESCRIPTION

STATION NAME: RED DEER LAKE near Ferintosh

STATION NUMBER: 05FA909

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

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1965 - 1980

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 1980

DAY	JAN	FEB	MAR	APR	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

770.964

770.940

770.973

770.943

TOTAL
MEAN
MAX
MIN
SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 770.973 METRES ON JUL 31 MAX. OBSERVED WATER LEVEL, 771.592 METRES ON MAY 22/75
MINIMUM OBSERVED DAILY WATER LEVEL, 770.940 METRES ON JUN 18 MIN. OBSERVED WATER LEVEL, 769.672 METRES ON NOV. 10/67
WATER LEVELS ARE REFERRED TO GEODETIC

LAKE - STATION DESCRIPTION

STATION NAME: ROCK LAKE near Hinton

STATION NUMBER: 07AC905

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

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1968; 1971 - 1980

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 1980

DAY	JAN	FEB	MAR	APR	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					28.730								21
22													22
23									28.778				23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL							28.812						TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 28.812 METRES ON JUL 29 MAX. OBSERVED WATER LEVEL, 29.108 METRES ON JUL. 10/68
MINIMUM OBSERVED DAILY WATER LEVEL, 28.730 METRES ON MAY 21 MIN. OBSERVED WATER LEVEL, 28.609 METRES ON OCT. 27/71
WATER LEVELS ARE REFERRED TO ASSUMED ELEVATION

LAKE - STATION DESCRIPTION

STATION NAME: ROSS LAKE near Magrath

STATION NUMBER: 05AE903

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

GAUGE TYPE: Staff Gauge.

PERIOD OF RECORD: 1979 - 1980

HYDROGRAPHIC SURVEY MAP AVAILABLE:

~~YES~~/NO

REMARKS:

DAILY WATER LEVEL IN METRES FOR 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1					1322.759								1
2									1322.844				2
3													3
4													4
5													5
6													6
7						1323.143							7
8													8
9										1322.789			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 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 1323.143 METRES ON JUN 6 MAX. OBSERVED WATER LEVEL, 1323.143 METRES ON JUN. 6/80
 MINIMUM OBSERVED DAILY WATER LEVEL, 1322.728 METRES ON NOV 13 MIN. OBSERVED WATER LEVEL, 1322.311 METRES ON NOV. 5/79
 WATER LEVELS ARE REFERRED TO CRODDETIC

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 - 1980

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/~~NO~~

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

SAMSON LAKE NEAR HOBBEWA

STATION NO. 05FA910

DAILY WATER LEVEL IN METRES FOR 1980

DAY	JAN	FEB	MAR	APR	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			771.863									772.040	12
13													13
14													14
15													15
16													16
17													17
18													18
19							771.906						19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL							772.272						TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 772.272 METRES ON JUL 31 MAX. OBSERVED WATER LEVEL, 772.695 METRES ON AUG. 2/74
MINIMUM OBSERVED DAILY WATER LEVEL, 771.863 METRES ON MAR 11 MIN. OBSERVED WATER LEVEL, 771.629 METRES ON OCT. 3/75
WATER LEVELS ARE REFERRED TO GEODETIC

LAKE - STATION DESCRIPTION

STATION NAME: SANDY LAKE near Morinville

STATION NUMBER: 05EA914

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

GAUGE TYPE: Staff Gauge.

PERIOD OF RECORD: 1959; 1961; 1963 - 1980

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 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1					697.570	697.525							1
2													2
3													3
4													4
5		697.535				697.526							5
6													6
7													7
8						697.526							8
9													9
10						697.527							10
11													11
12													12
13													13
14													14
15					697.520	697.527							15
16						697.528	697.571						16
17													17
18						697.528							18
19													19
20						697.528							20
21													21
22						697.529							22
23													23
24													24
25						697.529							25
26													26
27													27
28													28
29													29
30													30
31						697.530							31
TOTAL									697.563				TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 697.571 METRES ON JUL 16 MAX. OBSERVED WATER LEVEL, 698.062 METRES ON JUL. 19/74
MINIMUM OBSERVED DAILY WATER LEVEL, 697.520 METRES ON MAY 15 MIN. OBSERVED WATER LEVEL, 696.764 METRES ON SEP. 25/70
WATER LEVELS ARE REFERRED TO GEODETIC

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 - 1980

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

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

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

SANDY LAKE NEAR TWO HILLS

STATION NO. 05ED905

DAILY WATER LEVEL IN METRES FOR 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1											628.763		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

628.909

628.833

628.930

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 628.930 METRES ON MAR 12 MAX. OBSERVED WATER LEVEL, 629.260 METRES ON JUN. 2/75
MINIMUM OBSERVED DAILY WATER LEVEL, 628.763 METRES ON NOV 3 MIN. OBSERVED WATER LEVEL, 627.428 METRES ON OCT /69
WATER LEVELS ARE REFERRED TO GEODETIC

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 - 1980

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 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						903.684		903.574	903.575	903.601			1
2													2
3													3
4													4
5													5
6							903.724		903.575				6
7													7
8													8
9													9
10						903.714							10
11	903.689												11
12					903.570								12
13													13
14													14
15													15
16							903.724						16
17													17
18													18
19								903.587					19
20													20
21							903.634						21
22													22
23						903.734			903.609				23
24													24
25					903.624			903.576					25
26													26
27													27
28													28
29													29
30													30
31						903.744			903.607				31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 903.744 METRES ON JUN 30 MAX. OBSERVED WATER LEVEL, 903.769 M ON JUN 2, 1977
MINIMUM OBSERVED DAILY WATER LEVEL, 903.565 METRES ON JUL 28 MIN. OBSERVED WATER LEVEL, 903.235 M ON MAY 27, 1971
WATER LEVELS ARE REFERRED TO GEODETIC

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 - 1980

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 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1					711.531	711.531	711.469	711.385					1
2					711.521	711.521	711.477	711.385					2
3					711.521	711.521	711.475	711.376					3
4					711.521	711.521	711.472	711.374					4
5					711.521	711.521	711.477	711.375					5
6					711.521	711.521	711.471	711.349					6
7					711.521	711.521	711.491	711.407					7
8					711.521	711.521	711.481	711.393					8
9					711.522	711.522	711.479	711.398					9
10					711.522	711.522	711.496	711.389					10
11					711.522	711.522	711.456	711.389					11
12					711.522	711.522	711.449	711.382					12
13					711.522	711.522	711.453	711.376					13
14							711.447	711.368					14
15							711.447	711.366					15
16							711.493	711.360					16
17							711.455	711.367					17
18							711.447	711.375					18
19							711.446	711.356					19
20								711.370					20
21					711.485		711.443	711.352	711.383				21
22							711.434	711.358					22
23							711.443	711.362					23
24							711.440	711.384					24
25					711.491		711.428	711.365					25
26					711.511		711.425	711.368					26
27					711.521	711.471	711.422	711.373					27
28					711.511	711.499	711.405	711.381					28
29					711.531		711.403	711.380					29
30					711.521	711.493	711.390	711.376					30
31					711.521		711.384	711.390					31
TOTAL								22052.629					TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 711.531 METRES ON MAY 29 MAX. OBSERVED WATER LEVEL, 711.766 M ON MAY 10, 1977
MINIMUM OBSERVED DAILY WATER LEVEL, 711.349 METRES ON AUG 6 MIN. OBSERVED WATER LEVEL, 709.270 M ON SEP 10, 1957
WATER LEVELS ARE REFERRED TO GEODETIC

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 - 1980

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 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5		737.704											5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15					737.707								15
16							737.777						16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL									737.759				TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 737.777 METRES ON JUL 16 MAX. OBSERVED WATER LEVEL, 737.829 METRES ON AUG. 13/79
MINIMUM OBSERVED DAILY WATER LEVEL, 737.704 METRES ON FEB 5 MIN. OBSERVED WATER LEVEL, 737.171 METRES ON NOV. 6/70
WATER LEVELS ARE REFERRED TO GEODETIC

LAKE - STATION DESCRIPTION

STATION NAME: SEVERN RESERVOIR

STATION NUMBER: 05CE903

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

GAUGE TYPE: Staff Gauge and Tape and Weight.

PERIOD OF RECORD: 1979 - 1980

HYDROGRAPHIC SURVEY MAP AVAILABLE: YES/NO

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

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

SEVERN RESERVOIR

STATION NO. 05CE903

DAILY WATER LEVEL IN METRES FOR 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5					860.450								5
6						860.450							6
7													7
8													8
9									860.496				9
10													10
11													11
12			859.841				860.450						12
13					860.359	860.420							13
14								860.450					14
15								860.450					15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25				860.481									25
26													26
27													27
28													28
29													29
30													30
31				860.450	860.450		860.420						31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 860.496 METRES ON OCT 9 MAX. OBSERVED WATER LEVEL, 860.755 M ON MAY 31, 1979
MINIMUM OBSERVED DAILY WATER LEVEL, 859.841 METRES ON MAR 13 MIN. OBSERVED WATER LEVEL, 859.840 M ON MAR 13, 1980
WATER LEVELS ARE REFERRED TO GEODETIC DATUM

LAKE - STATION DESCRIPTION

STATION NAME: SHANKS LAKE near Cardston

STATION NUMBER: 11AA901

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

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1977 - 1980

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 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1					1277.194								1
2													2
3													3
4													4
5													5
6													6
7						1277.255							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 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 1277.255 METRES ON JUN 6 MAX. OBSERVED WATER LEVEL, 1277.341 METRES ON APR. 18/79
MINIMUM OBSERVED DAILY WATER LEVEL, 1276.865 METRES ON OCT 7 MIN. OBSERVED WATER LEVEL, 1276.664 METRES ON OCT. 20/77
WATER LEVELS ARE REFERRED TO GEODETIC

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 - 1980

HYDROGRAPHIC SURVEY MAP AVAILABLE: YES/NO

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

SHININGBANK LAKE NEAR PEERS

STATION NO. 07AG904

DAILY WATER LEVEL IN METRES FOR 1980

DAY	JAN	FEB	MAR	APR	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
		30.364											11
													12
													13
													14
													15
													16
													17
													18
													19
													20
					30.100								21
													22
													23
													24
													25
													26
													27
													28
													29
													30
													31
						30.140							TOTAL

TOTAL
MEAN
MAX
MIN

TOTAL
MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 30.364 METRES ON FEB 11 MAX. OBSERVED WATER LEVEL, 30.258 METRES ON JUL. 16/79
MINIMUM OBSERVED DAILY WATER LEVEL, 30.100 METRES ON MAY 22 MIN. OBSERVED WATER LEVEL, 29.596 METRES ON JAN. 20/75
WATER LEVELS ARE REFERRED TO ASSUMED ELEVATION

LAKE - STATION DESCRIPTION

STATION NAME: SHUSTER LAKE near Wainwright

STATION NUMBER: 05DF902

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

GAUGE TYPE: Staff Gauge

PERIOD OF RECORD: 1980

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

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

DAILY WATER LEVEL IN METRES FOR 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1											29.593		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					29.665								26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1980

MAXIMUM OBSERVED DAILY WATER LEVEL, 29.665 METRES ON MAY 27

MINIMUM OBSERVED DAILY WATER LEVEL, 29.593 METRES ON NOV 4

WATER LEVELS ARE REFERRED TO ASSUMED

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 - 1980

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 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1										790.957			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					790.971								16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25								790.982					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 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 790.982 METRES ON JUL 24 MAX. OBSERVED WATER LEVEL, 791.465 METRES ON AUG. 24/76
MINIMUM OBSERVED DAILY WATER LEVEL, 790.957 METRES ON OCT 1 MIN. OBSERVED WATER LEVEL, 790.804 METRES ON NOV. 10/78
WATER LEVELS ARE REFERRED TO GEODETIC ELEVATIONS

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 - 1980

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/~~NO~~

REMARKS: Geodetic Elevation verified April 1978.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

SKELETON LAKE NEAR BOYLE

STATION NO. 06AA914

DAILY WATER LEVEL IN METRES FOR 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						623.477	623.488						1
2						623.477	623.489						2
3						623.477	623.489						3
4													4
5						623.478	623.490	623.558					5
6													6
7						623.479	623.490						7
8						623.479	623.491						8
9													9
10						623.480	623.492						10
11						623.481	623.492						11
12						623.471	623.493						12
13						623.472	623.481						13
14						623.472	623.493						14
15													15
16						623.472	623.493						16
17								623.492					17
18								623.492					18
19								623.492					19
20													20
21									623.537				21
22													22
23													23
24													24
25													25
26					623.474		623.481						26
27													27
28	623.529						623.471						28
29													29
30							623.470						30
31							623.470						31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 623.558 METRES ON AUG 5 MAX. OBSERVED WATER LEVEL, 623.846 METRES ON JUL. 23/74
MINIMUM OBSERVED DAILY WATER LEVEL, 623.470 METRES ON JUL 30 MIN. OBSERVED WATER LEVEL, 623.155 METRES ON SEP. 11/68
WATER LEVELS ARE REFERRED TO GEODETIC

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 - 1980

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/~~NO~~

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

ALPHEA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

SMOKE LAKE NEAR FOX CREEK

STATION NO. 0766902

DAILY WATER LEVEL IN METRES FOR 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						837.213		836.941	836.949				1
2								836.941					2
3								836.941					3
4								836.961	836.929				4
5						837.362	837.146		836.929				5
6													6
7						837.412	837.175	836.961	836.929				7
8						837.412	837.195	836.961	836.929				8
9						837.402		836.961	836.939				9
10							837.209	836.961					10
11													11
12						837.261	837.184	836.961	836.929				12
13						837.250	837.164		836.919				13
14						837.160	837.144	836.951	836.929				14
15						837.160	837.134	836.950	836.939				15
16													16
17								836.930					17
18								836.940	836.968				18
19						837.099	837.093	836.930	836.983				19
20						837.099	837.052		836.983				20
21						837.069	837.043	836.930					21
22						837.078		836.920					22
23								836.920					23
24								836.920					24
25								836.930	837.020				25
26						837.163	837.012						26
27						837.137	836.992	836.950					27
28								836.950					28
29								836.950					29
30								836.950					30
31								836.940					31
TOTAL						837.180		836.951					TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 837.412 METRES ON JUN 6 MAX. OBSERVED WATER LEVEL, 837.590 METRES ON JUL. 14/71
MINIMUM OBSERVED DAILY WATER LEVEL, 836.919 METRES ON SEP 12 MIN. OBSERVED WATER LEVEL, 836.710 METRES ON JAN. 31/78
WATER LEVELS ARE REFERRED TO GEODETIC

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 - 1980

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

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

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

SMOKY LAKE NEAR WARSPITE

STATION NO. 05EC902

DAILY WATER LEVEL IN METRES FOR 1980

DAY	JAN	FEB	MAR	APR	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							636.950						17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25									636.834				25
26													26
27													27
28													28
29													29
30													30
31	637.047												31
TOTAL					637.087								TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 637.087 METRES ON MAY 30 MAX. OBSERVED WATER LEVEL, 638.196 METRES ON JUN. 11/74
MINIMUM OBSERVED DAILY WATER LEVEL, 636.834 METRES ON SEP 25 MIN. OBSERVED WATER LEVEL, 636.313 METRES ON SEPT. 3/71
WATER LEVELS ARE REFERRED TO GEODETIC

LAKE - STATION DESCRIPTION

STATION NAME: SNIPE LAKE near Valleyview

STATION NUMBER: 07GH901

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

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1973 - 1980

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.

SHIPE LAKE NEAR VALLEYVIEW

STATION NO. 07GH901

DAILY WATER LEVEL IN METRES FOR 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5													5
6					742.523								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							742.470						21
22													22
23													23
24													24
25									742.401				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 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 742.523 METRES ON MAY 6 MAX. OBSERVED WATER LEVEL, 743.207 M ON JULY 12, 1977
 MINIMUM OBSERVED DAILY WATER LEVEL, 742.401 METRES ON SEP 25 MIN. OBSERVED WATER LEVEL, 742.491 M ON AUG 25, 1978
 WATER LEVELS ARE REFERRED TO GEODETIC

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 - 1980

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. 056A902

DAILY WATER LEVEL IN METRES FOR 1980

DAY	JAN	FEB	MAR	APR	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

DRY

DRY

DRY

DRY

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, ***** METRES ON 0 MAX. OBSERVED WATER LEVEL, 657.368 METRES ON MAY 20/76
MINIMUM OBSERVED DAILY WATER LEVEL, DRY ON FEB 19 MIN. OBSERVED WATER LEVEL, DRY ON SEVERAL OCCASIONS
WATER LEVELS ARE REFERRED TO GEODETIC

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 - 1980

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 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1										724.046			1
2													2
3													3
4			723.876										4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16					723.873								16
17													17
18										724.013			18
19													19
20													20
21													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 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 724.046 METRES ON OCT 2 MAX. OBSERVED WATER LEVEL, 726.351 METRES ON OCT/39
MINIMUM OBSERVED DAILY WATER LEVEL, 723.873 METRES ON MAY 16 MIN. OBSERVED WATER LEVEL, 722.989 METRES ON MAY 21/68
WATER LEVELS ARE REFERRED TO GEODETIC

LAKE - STATION DESCRIPTION

STATION NAME: SPRUCE COULEE RESERVOIR near Medicine Hat

STATION NUMBER: 11AB901

LOCATION: 8-2-W4.

GAUGE TYPE: Staff Gauge.

PERIOD OF RECORD: 1978 - 1980

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 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5													5
6					27.904								6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15								27.600					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

HISTORICAL SUMMARY

SUMMARY FOR THE YEAR 1980

MAXIMUM OBSERVED DAILY WATER LEVEL, 27.904 METRES ON MAY 6
MINIMUM OBSERVED DAILY WATER LEVEL, 27.539 METRES ON NOV 12
WATER LEVELS ARE REFERRED TO ASSUMED
MAX. OBSERVED WATER LEVEL, 27.950 M ON MAY 26, 1978
MIN. OBSERVED WATER LEVEL, 27.456 M ON SEP 3, 1978

LAKE - STATION DESCRIPTION

STATION NAME: SQUARE LAKE near Lac La Biche

STATION NUMBER: 07CA906

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

GAUGE TYPE: Staff Gauge.

PERIOD OF RECORD: 1973 - 1980

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 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						28.763	28.752						1
2													2
3													3
4						28.771	28.750						4
5													5
6													6
7						28.769	28.737						7
8													8
9						28.787							9
10													10
11							28.735						11
12						28.765							12
13							28.728						13
14													14
15						28.783							15
16													16
17						28.763							17
18													18
19						28.751							19
20													20
21						28.749			28.748				21
22													22
23													23
24						28.757							24
25													25
26													26
27					28.785	28.745							27
28													28
29													29
30													30
31													31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 28.787 METRES ON JUN 10
MINIMUM OBSERVED DAILY WATER LEVEL, 28.728 METRES ON JUL 14
WATER LEVELS ARE REFERRED TO ASSUMED

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 Lloydminster

STATION NUMBER: 05EF901

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

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1969; 1971 - 1980

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

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

STAPLEHURST LAKE NEAR LLOYDMINSTER

STATION NO. 05EFF901

DAILY WATER LEVEL IN METRES FOR 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1											646.414		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

646.731

646.722

646.536

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 646.731 METRES ON MAR 13 MAX. OBSERVED WATER LEVEL, 647.932 METRES ON MAY 16/72
MINIMUM OBSERVED DAILY WATER LEVEL, 646.414 METRES ON NOV 4 MIN. OBSERVED WATER LEVEL, 646.325 METRES ON OCT. 17/78
WATER LEVELS ARE REFERRED TO GEODETIC

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 - 1980

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 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1										737.997			1
2													2
3													3
4			737.869										4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16					737.878								16
17													17
18													18
19							737.960						19
20													20
21													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 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 737.997 METRES ON OCT 2 MAX. OBSERVED WATER LEVEL, 738.052 METRES ON MAY 28/79
MINIMUM OBSERVED DAILY WATER LEVEL, 737.869 METRES ON MAR 4 MIN. OBSERVED WATER LEVEL, 736.747 METRES ON OCT. 5/70
WATER LEVELS ARE REFERRED TO GEODETIC

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 - 1980

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

REMARKS: Water Levels are Geodetic 1971 - 1977, Assumed 1978 - 1980.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

STRUBEL LAKE NEAR CAROLINE

STATION NO. 05DB901

DAILY WATER LEVEL IN METRES FOR 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1											29.453		1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
		29.459			29.334								
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
							29.541						
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 29.541 METRES ON JUL 23 MAX. OBSERVED WATER LEVEL, 29.541 M ON JUL 23, 1980
MINIMUM OBSERVED DAILY WATER LEVEL, 29.334 METRES ON MAY 14 MIN. OBSERVED WATER LEVEL, 29.297 M ON OCT 18, 1979
WATER LEVELS ARE REFERRED TO ASSUMED

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 - 1980

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 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1											1211.452		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		1211.345			1211.278								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

1211.403

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 1211.452 METRES ON NOV 5 MAX. OBSERVED WATER LEVEL, 1211.632 METRES ON MAY 17/77
MINIMUM OBSERVED DAILY WATER LEVEL, 1211.278 METRES ON MAY 14 MIN. OBSERVED WATER LEVEL, 1211.114 METRES ON SEP. 10/73
WATER LEVELS ARE REFERRED TO GEODETIC

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 - 1980

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

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

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

THUNDER LAKE NEAR BARRHEAD

STATION NO. 07EB909

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						654.031	653.957	653.890					1
2						654.031							2
3						654.043							3
4						654.058	653.973	653.893					4
5		653.872				654.058	653.973	653.893					5
6						654.058	653.973	653.897					6
7						654.058	653.973	653.897					7
8						654.058	653.970	653.897					8
9						654.055	653.957	653.897					9
10					654.000	654.055	653.957	653.897					10
11					653.997	654.052	653.942	653.900					11
12						654.052	653.927	653.900					12
13					653.994		653.930	653.893					13
14					653.994			653.893					14
15					654.000			653.893					15
16					653.991	654.006	653.948	653.890					16
17					653.991	653.994		653.890					17
18					653.991	653.994	653.948	653.887					18
19					653.991	653.991	653.948						19
20					653.991	653.988	653.948						20
21					653.991		653.927	653.881					21
22					653.988			653.872					22
23								653.865					23
24					653.991	653.988	653.897	653.869					24
25							653.897	653.869					25
26							653.897	653.869					26
27							653.897	653.869					27
28							653.897	653.869					28
29					654.025	653.979	653.897	653.869					29
30						653.979	653.887	653.869					30
31					654.021			653.869	653.903				31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM DAILY WATER LEVEL, 654.058 METRES ON JUN 4 MAX. OBSERVED WATER LEVEL, 654.162 M ON MAY 10, 1972
MINIMUM DAILY WATER LEVEL, 653.866 METRES ON AUG 23 MIN. OBSERVED WATER LEVEL, 653.129 M ON SEPT. 13, 1968
WATER LEVELS ARE REFERRED TO GEODETIC

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 - 1980

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 1980

DAY	JAN	FEB	MAR	APR	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							29.261						15
16													16
17													17
18													18
19													19
20													20
21									29.316				21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29	29.303												29
30													30
31													31
TOTAL					29.282								TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 29.316 METRES ON SEP 22
MINIMUM OBSERVED DAILY WATER LEVEL, 29.261 METRES ON JUL 14
WATER LEVELS ARE REFERRED TO ASSUMED

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 - 1980

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/NO

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

TWIN LAKE #1 NEAR HOADLEY

STATION NO. 05DE906

DAILY WATER LEVEL IN METRES FOR 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5													5
6											919.137		6
7													7
8													8
9													9
10			919.234										10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18						919.222							18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL						919.164							TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 919.234 METRES ON MAR 10 MAX. OBSERVED WATER LEVEL, 920.002 METRES ON OCT. 4/68
MINIMUM OBSERVED DAILY WATER LEVEL, 919.137 METRES ON NOV 6 MIN. OBSERVED WATER LEVEL, 919.137 METRES ON NOV. 6/80
WATER LEVELS ARE REFERRED TO EODETIC

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 - 1980

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/~~NO~~

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

TWIN LAKE #2 NEAR HOADLEY

STATION NO. 05DE907

DAILY WATER LEVEL IN METRES FOR 1980

DAY	JAN	FEB	MAR	APR	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			931.136										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

930.999

931.030

931.057

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 931.136 METRES ON MAR 10
MINIMUM OBSERVED DAILY WATER LEVEL, 930.999 METRES ON JUN 17
WATER LEVELS ARE REFERRED TO GEODETIC

MAX. OBSERVED WATER LEVEL, 931.137 METRES ON MAR. 10/80
MIN. OBSERVED WATER LEVEL, 930.622 METRES ON OCT. 15/70

LAKE - STATION DESCRIPTION

STATION NAME: TYRRELL LAKE (EAST)

STATION NUMBER: 05AF903

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

GAUGE TYPE: Staff Gauge.

PERIOD OF RECORD: 1977 - 1980

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/~~NO~~

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

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

TYRRELL LAKE (EAST)

STATION NO. 05AF903

DAILY WATER LEVEL IN METRES FOR 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5													5
6										959.193			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

959.590

959.681

959.504

959.376

959.349

959.193

959.163

SUMMARY FOR THE YEAR 1980

MAXIMUM OBSERVED DAILY WATER LEVEL, 959.681 METRES ON MAY 26
MINIMUM OBSERVED DAILY WATER LEVEL, 959.163 METRES ON NOV 12
WATER LEVELS ARE REFERRED TO GEODETIC

HISTORICAL SUMMARY

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

MEAN
MAX
MIN

MEAN
MAX
MIN

LAKE - STATION DESCRIPTION

STATION NAME: TYRRELL LAKE (WEST)

STATION NUMBER: 05AF904

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

GAUGE TYPE: Staff Gauge.

PERIOD OF RECORD: 1979 - 1980

HYDROGRAPHIC SURVEY MAP AVAILABLE:

YES/~~NO~~

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

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

TYRRELL LAKE (WEST)

STATION NO. 05AF904

DAILY WATER LEVEL IN METRES FOR 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5													5
6									959.193				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					959.547								26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL

959.593

959.547

959.376

959.349

959.193

959.163

MEAN
MAX
MIN

HISTORICAL SUMMARY

SUMMARY FOR THE YEAR 1980

MAXIMUM OBSERVED DAILY WATER LEVEL, 959.593 METRES ON APR 17
MINIMUM OBSERVED DAILY WATER LEVEL, 959.163 METRES ON NOV 12
WATER LEVELS ARE REFERRED TO GEODETIC

MAX. OBSERVED WATER LEVEL, 960.218 METRES ON MAY 2/79
MIN. OBSERVED WATER LEVEL, 958.642 METRES ON OCT. 20/77

MEAN
MAX
MIN

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 - 1980

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 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1										794.066			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					793.981								16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL

794.063

MEAN
MAX
MIN

HISTORICAL SUMMARY

SUMMARY FOR THE YEAR 1980
MAXIMUM OBSERVED DAILY WATER LEVEL, 794.066 METRES ON OCT 2
MINIMUM OBSERVED DAILY WATER LEVEL, 793.981 METRES ON MAY 16
WATER LEVELS ARE REFERRED TO GEODETIC ELEVATION
MAX. OBSERVED WATER LEVEL, 794.486 METRES ON JUL. 11/77
MIN. OBSERVED WATER LEVEL, 793.766 METRES ON DEC. 6/79

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 - 1980

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 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1					616.062	616.062	616.025	615.982	615.967				1
2					616.071	616.062	616.025	616.007	615.967				2
3					616.071		616.025	616.004					3
4						616.068	616.022						4
5													5
6					616.071	616.065	616.022	616.004	615.958				6
7					616.062	616.062	616.016						7
8					616.065	616.062	616.016	615.995	615.955				8
9					616.062			616.004	615.955				9
10													10
11					616.062		616.001	615.998	615.955				11
12						616.053	615.995						12
13						616.046	615.992						13
14						616.040	616.001						14
15													15
16					616.059		615.995	615.989	615.943				16
17					616.059			615.982					17
18					616.059								18
19					616.053	616.028	615.989						19
20													20
21						616.022	616.001	615.967					21
22						616.019	615.989	615.967					22
23						616.019		615.967					23
24					616.053	616.016			615.955				24
25					616.053	616.013			615.949				25
26													26
27					616.059	616.013							27
28					616.068	616.031	615.970	615.970					28
29						616.025							29
30													30
31					616.062								31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 616.071 METRES ON MAY 3 MAX. OBSERVED WATER LEVEL, 616.324 METRES ON MAY 19/72
MINIMUM OBSERVED DAILY WATER LEVEL, 615.943 METRES ON SEP 16 MIN. OBSERVED WATER LEVEL, 615.556 METRES ON OCT. 31/67
WATER LEVELS ARE REFERRED TO GEODETIC

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 - 1980

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 1980

DAY	JAN	FEB	MAR	APR	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							635.959						16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25									635.922				25
26													26
27													27
28													28
29													29
30													30
31	636.038				636.035								31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 636.038 METRES ON JAN 30 MAX. OBSERVED WATER LEVEL, 636.490 METRES ON JUN 11/74
MINIMUM OBSERVED DAILY WATER LEVEL, 635.922 METRES ON SEP 24 MIN. OBSERVED WATER LEVEL, 635.737 METRES ON AUG. 4/76
WATER LEVELS ARE REFERRED TO GEODETIC

LAKE - STATION DESCRIPTION

STATION NAME: VERMILION RESERVOIR at Vermilion

STATION NUMBER: 05EE905

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

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1974 - 1980

HYDROGRAPHIC SURVEY MAP AVAILABLE: YES/NO

REMARKS: Water Levels from May 26, 1979 to 1980 are river levels only as
there was a dam failure on this date.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

VERMILION RESERVOIR AT VERMILION

STATION NO. 05EE905

DAILY WATER LEVEL IN METRES FOR 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1											572.698		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					573.448		572.408						TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1980

MAXIMUM OBSERVED DAILY WATER LEVEL, 573.448 METRES ON MAY 27
MINIMUM OBSERVED DAILY WATER LEVEL, 572.408 METRES ON JUL 29
WATER LEVELS ARE REFERRED TO GEODETIC

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 - 1980

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 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1					599.523								1
2													2
3						599.173	599.164				599.118		3
4					599.529								4
5													5
6													6
7					599.356								7
8													8
9													9
10													10
11				599.337				599.170					11
12	598.286				599.328								12
13						599.194							13
14				599.441									14
15					599.307								15
16				599.453									16
17													17
18													18
19				599.663									19
20					599.264								20
21				599.731	599.255								21
22				599.804	599.261								22
23													23
24				599.624									24
25													25
26					599.164								26
27													27
28				599.581									28
29					599.331								29
30													30
31													31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 599.804 METRES ON APR 22 MAX. OBSERVED WATER LEVEL, 601.346 M ON APR 25, 1974
MINIMUM OBSERVED DAILY WATER LEVEL, 598.286 METRES ON MAR 12 MIN. OBSERVED WATER LEVEL, 597.222 M ON JAN 31, 1977
WATER LEVELS ARE REFERRED TO GEODETIC

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 - 1980

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 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1					599.310								1
2													2
3						599.078					598.996		3
4							599.036						4
5					599.267								5
6													6
7					599.161								7
8													8
9													9
10													10
11				599.267									11
12			598.947		599.106		599.051						12
13				599.276									13
14					599.078								14
15													15
16				599.350									16
17				599.343			599.014						17
18													18
19				599.557									19
20					599.045								20
21				599.517	599.100								21
22				599.557	599.017								22
23													23
24				599.456									24
25													25
26					599.087								26
27													27
28				599.435									28
29					599.026								29
30													30
31													31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 599.557 METRES ON APR 19 MAX. OBSERVED WATER LEVEL, 601.498 M ON APR 24, 1974
MINIMUM OBSERVED DAILY WATER LEVEL, 598.947 METRES ON MAR 12 MIN. OBSERVED WATER LEVEL, 598.807 M ON AUG 1, 1979
WATER LEVELS ARE REFERRED TO GEODETIC

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 - 1980

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 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1					599.453								1
2											599.033		2
3						599.145	599.075						3
4					599.356								4
5													5
6													6
7													7
8					599.325								8
9													9
10													10
11				599.404				599.029					11
12			598.444		599.252								12
13						599.069							13
14				599.545									14
15					599.215								15
16				599.721									16
17				599.825									17
18													18
19				599.822									19
20					599.154								20
21				599.734									21
22				599.688	599.118								22
23													23
24				599.667									24
25													25
26													26
27					599.109								27
28				599.535									28
29					599.130								29
30													30
31							598.944						31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 599.825 METRES ON APR 17 MAX. OBSERVED WATER LEVEL, 601.950 M ON APR 24, 1974
MINIMUM OBSERVED DAILY WATER LEVEL, 598.444 METRES ON MAR 12 MIN. OBSERVED WATER LEVEL, 598.956 M ON JUL 25, 1978
WATER LEVELS ARE REFERRED TO GEODETIC

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 - 1980

HYDROGRAPHIC SURVEY MAP AVAILABLE: YES/NO

REMARKS:

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

VERMILION RIVER 4 MILES WEST OF TWO HILLS

STATION NO. 05EE909

DAILY WATER LEVEL IN METRES FOR 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1					599.410								1
2													2
3						599.167	599.112				599.069		3
4													4
5					599.353								5
6													6
7													7
8					599.282								8
9													9
10													10
11				599.609				599.103					11
12			598.682		599.206	599.084							12
13				599.657									13
14					599.148								14
15													15
16				599.862									16
17				600.005		599.142							17
18													18
19				599.837									19
20					599.097								20
21				599.874	599.246								21
22				599.694	599.097								22
23													23
24				599.654									24
25													25
26					599.182								26
27													27
28				599.529									28
29					599.115								29
30													30
31													31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 600.005 METRES ON APR 17 MAX. OBSERVED WATER LEVEL, 602.224 M ON APR 25, 1974
MINIMUM OBSERVED DAILY WATER LEVEL, 598.482 METRES ON MAR 12 MIN. OBSERVED WATER LEVEL, 598.600 M ON JAN 31, 1977
WATER LEVELS ARE REFERRED TO GEODETIC

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 - 1980

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 1930

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

1117.065

1117.109

1117.264

1117.238

MEAN
MAX
MIN
TOTAL

MEAN
MAX
MIN
TOTAL

SUMMARY FOR THE YEAR 1930

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 1117.264 METRES ON SEP 23 MAX. OBSERVED WATER LEVEL, 1117.571 METRES ON JUN. 27/78
MINIMUM OBSERVED DAILY WATER LEVEL, 1117.065 METRES ON FEB 12 MIN. OBSERVED WATER LEVEL, 1115.784 METRES ON SEPT. 24/75
WATER LEVELS ARE REFERRED TO C.M.D. ITC ELEVATION

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 - 1980

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 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1								636.479	636.466				1
2							636.489	636.479	636.455				2
3							636.494	636.479	636.455				3
4							636.493	636.484	636.455				4
5						636.514		636.484					5
6							636.493	636.479	636.460				6
7						636.514		636.478					7
8							636.483	636.478	636.460				8
9							636.482	636.478	636.445				9
10						636.508		636.473	636.445				10
11							636.482	636.473	636.444				11
12							636.481	636.468	636.434				12
13							636.481	636.468	636.419				13
14							636.481	636.468					14
15						636.497		636.468					15
16							636.456	636.467	636.364				16
17						636.502		636.472	636.364				17
18							636.471	636.472	636.364				18
19						636.497		636.471					19
20							636.475	636.477					20
21						636.496		636.475					21
22							636.475	636.477					22
23						636.496		636.477					23
24						636.495		636.471	636.377				24
25						636.495		636.476					25
26						636.495		636.466					26
27							636.475	636.466					27
28						636.495		636.466					28
29								636.466					29
30													30
31						636.494		636.474					31
TOTAL					636.511	636.494	636.474	636.466					TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 636.514 METRES ON JUN 5 MAX. OBSERVED WATER LEVEL, 636.727 METRES ON JUN. 12/74
MINIMUM OBSERVED DAILY WATER LEVEL, 636.364 METRES ON SEP 17 MIN. OBSERVED WATER LEVEL, 635.959 METRES ON NOV. 12/70
WATER LEVELS ARE REFERRED TO GEODETIC

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 - 1980

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

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

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

WAKOMAO LAKE NEAR CLYDE

STATION NO. 05EC903

DAILY WATER LEVEL IN METRES FOR 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4		621.655											4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15					621.548								15
16							621.661						16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31									621.728				31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

TOTAL
MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 621.728 METRES ON SEP 29 MAX. OBSERVED WATER LEVEL, 622.524 METRES ON JUL. 19/74
MINIMUM OBSERVED DAILY WATER LEVEL, 621.548 METRES ON MAY 14 MIN. OBSERVED WATER LEVEL, 621.128 METRES ON SEP. 13/68
WATER LEVELS ARE REFERRED TO GEODETIC

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 - 1980

HYDROGRAPHIC SURVEY MAP AVAILABLE: YES/NO

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

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

WALT LAKE NEAR TWO HILLS

STATION NO. 05EE910

DAILY WATER LEVEL IN METRES FOR 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1					600.672								1
2													2
3													3
4													4
5					600.651								5
6													6
7													7
8					600.639								8
9													9
10													10
11													11
12			600.474		600.614								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 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 600.672 METRES ON MAY 1 MAX. OBSERVED WATER LEVEL, 601.556 METRES ON MAY 9/74
MINIMUM OBSERVED DAILY WATER LEVEL, 600.282 METRES ON NOV 3 MIN. OBSERVED WATER LEVEL, 600.334 METRES ON SEP. 24/79
WATER LEVELS ARE REFERRED TO GEODETIC

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 - 1980

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 1980

DAY	JAN	FEB	MAR	APR	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			686.754									686.638	11
12													12
13													13
14													14
15													15
16						686.699							16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL						686.705							TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 686.754 METRES ON MAR 11 MAX. OBSERVED WATER LEVEL, 686.656 M ON MAR 11, 1980
MINIMUM OBSERVED DAILY WATER LEVEL, 686.638 METRES ON NOV 13 MIN. OBSERVED WATER LEVEL, 686.586 M ON OCT 19, 1978
WATER LEVELS ARE REFERRED TO GEODETIC

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 - 1980

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 1980

DAY	JAN	FEB	MAR	APR	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					727.550								16
17													17
18													18
19													19
20													20
21									727.315				21
22													22
23													23
24													24
25							727.477						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 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 727.550 METRES ON MAY 16
 MINIMUM OBSERVED DAILY WATER LEVEL, 727.315 METRES ON SEP 22
 WATER LEVELS ARE REFERRED TO GEODETIC ELEVATION
 MAX. OBSERVED WATER LEVEL, 727.728 METRES ON FEB. 8/77
 MIN. OBSERVED WATER LEVEL, 727.378 METRES ON JAN. 10/79

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 - 1980

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 1980

DAY	JAN	FEB	MAR	APR	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							577.657						17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25								577.437					25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL	577.422				577.651								TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 577.657 METRES ON JUL 17 MAX. OBSERVED WATER LEVEL, 578.102 METRES ON AUG. 29/75
MINIMUM OBSERVED DAILY WATER LEVEL, 577.422 METRES ON JAN 31 MIN. OBSERVED WATER LEVEL, 576.709 METRES ON SEP. 29/65
WATER LEVELS ARE REFERRED TO GEODETIC

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 - 1980

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 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1											625.678		1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12			625.831										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					625.818								26
27													27
28													28
29							625.571						29
30													30
31													31
TOTAL													TOTAL
MEAN													MEAN
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 625.831 METRES ON MAR 12 MAX. OBSERVED WATER LEVEL, 626.544 METRES ON JUN. 6/74
MINIMUM OBSERVED DAILY WATER LEVEL, 625.571 METRES ON JUL 28 MIN. OBSERVED WATER LEVEL, 625.478 METRES ON FEB. 22/78
WATER LEVELS ARE REFERRED TO GEODETIC

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 - 1980

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 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						567.307							1
2													2
3													3
4													4
5													5
6						567.305							6
7						567.315							7
8						567.314							8
9						567.303							9
10						567.302							10
11													11
12													12
13													13
14													14
15													15
16							567.300						16
17													17
18						567.307							18
19													19
20													20
21													21
22													22
23													23
24													24
25									567.260				25
26													26
27						567.327							27
28						567.331							28
29						567.330							29
30						567.320							30
31													31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 567.331 METRES ON MAY 29 MAX. OBSERVED WATER LEVEL, 567.910 METRES ON JUL. 14/71
MINIMUM OBSERVED DAILY WATER LEVEL, 567.260 METRES ON SEP 24 MIN. OBSERVED WATER LEVEL, 567.032 METRES ON SEP. 12/68
WATER LEVELS ARE REFERRED TO GEODETIC

LAKE - STATION DESCRIPTION

STATION NAME: WILDHORSE LAKE near Hinton

STATION NUMBER: 07AD904

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

GAUGE TYPE: None. Level established by surveying.

PERIOD OF RECORD: 1969 - 1980

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 1980

DAY	JAN	FEB	MAR	APR	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

1150.031

1150.008

1150.272

1150.223

MEAN
MAX
MIN

MEAN
MAX
MIN

HISTORICAL SUMMARY

SUMMARY FOR THE YEAR 1980

MAXIMUM OBSERVED DAILY WATER LEVEL, 1150.272 METRES ON JUL 26 MAX. OBSERVED WATER LEVEL, 1150.431 METRES ON MAY 4/76

MINIMUM OBSERVED DAILY WATER LEVEL, 1150.008 METRES ON MAY 21 MIN. OBSERVED WATER LEVEL, 1149.553 METRES ON JAN. 26/77
WATER LEVELS ARE REFERRED TO GEODETIC

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

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 1980

DAY	JAN	FEB	MAR	APR	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								23.694					15
16													16
17													17
18													18
19								23.672					19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL								23.687					TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1980

MAXIMUM OBSERVED DAILY WATER LEVEL, 23.694 METRES ON AUG 14

MINIMUM OBSERVED DAILY WATER LEVEL, 23.644 METRES ON NOV 12
WATER LEVELS ARE REFERRED TO ASSUMED

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 - 1980

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

REMARKS: Geodetic Elevation verified May 1978.

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

WIZARD LAKE NEAR LEDUC

STATION NO. 05DF901

DAILY WATER LEVEL IN METRES FOR 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10			783.994										10
11													11
12											784.083		12
13													13
14													14
15													15
16													16
17						784.110							17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31							784.141						31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 784.141 METRES ON JUL 30 MAX. OBSERVED WATER LEVEL, 784.287 METRES ON MAY 22/79
MINIMUM OBSERVED DAILY WATER LEVEL, 783.994 METRES ON MAR 10 MIN. OBSERVED WATER LEVEL, 783.586 METRES ON JUL. 26/68
WATER LEVELS ARE REFERRED TO GEODETIC

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 - 1980

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 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1									597.450				1
2													2
3													3
4								597.260	597.460				4
5													5
6													6
7													7
8								597.320	597.460				8
9													9
10													10
11													11
12								597.298					12
13									597.458				13
14													14
15							597.216	597.402					15
16													16
17							597.210	597.432					17
18													18
19													19
20													20
21							597.202						21
22									597.518				22
23													23
24													24
25							597.198	597.446					25
26													26
27					597.292								27
28													28
29	597.277						597.190	597.440					29
30													30
31								597.448					31
TOTAL													TOTAL

MEAN
MAX
MIN

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 597.518 METRES ON SEP 23 MAX. OBSERVED WATER LEVEL, 597.716 METRES ON JUL. 5/75
MINIMUM OBSERVED DAILY WATER LEVEL, 597.190 METRES ON JUL 29 MIN. OBSERVED WATER LEVEL, 597.091 METRES ON OCT. 16/69
WATER LEVELS ARE REFERRED TO GEODETIC

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 - 1980

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

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

ALBERTA ENVIRONMENT
WATER SURVEY SECTION
EDMONTON, ALTA.

YELLOW LAKE (STATION 0)

STATION NO. 05AJ901

DAILY WATER LEVEL IN METRES FOR 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1							783.034						1
2													2
3													3
4													4
5													5
6									783.095				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

783.141

783.080

783.004 783.019

783.141

MEAN
MAX
MIN

SUMMARY FOR THE YEAR 1980

HISTORICAL SUMMARY

MAXIMUM OBSERVED DAILY WATER LEVEL, 783.141 METRES ON APR 17

MINIMUM OBSERVED DAILY WATER LEVEL, 783.004 METRES ON JUL 29

WATER LEVELS ARE REFERRED TO GEODETIC

MAX. OBSERVED WATER LEVEL, 783.187 METRES ON JUN. 6/79

MIN. OBSERVED WATER LEVEL, 781.937 METRES ON AUG. 3/77

36778
GB Alberta miscellaneous lake
1630 levels
A2
A333
1980
c.1

