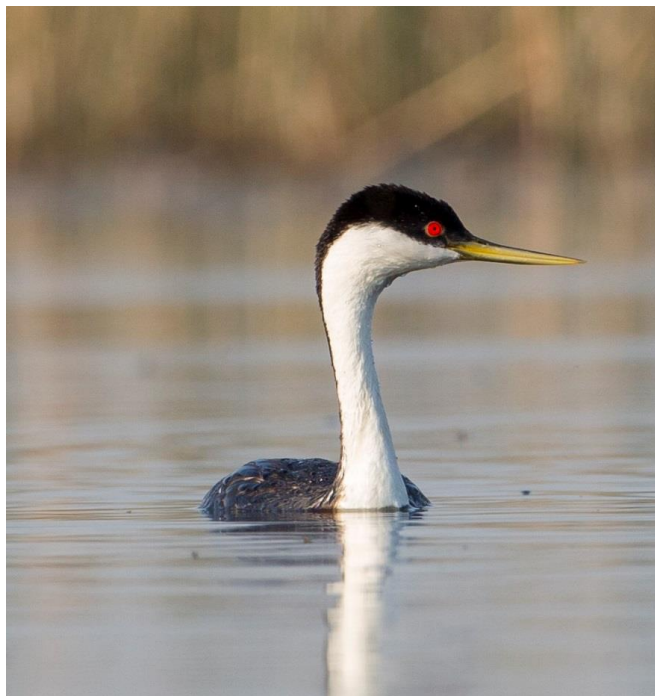


WESTERN GREBE SURVEYS IN ALBERTA 2016

The western grebe has been listed as a *Threatened* species in Alberta. A recent data compilation shows that there are approximately 250 lakes that have supported western grebes in Alberta. However, information for most lakes is poor and outdated. Total counts on lakes are rare, breeding status is uncertain, and the location and extent of breeding habitat (emergent vegetation, usually bulrush) is usually unknown. We are seeking your help in gathering more information on western grebe populations in Alberta. If you visit any of the lakes listed below, or know anyone that does, we would appreciate as much detail as you can collect on the presence of western grebes and their habitat. Let us know in advance (if possible) if you are planning on going to any lakes, and when you do, e-mail details of your observations to Dave.Prescott@gov.ab.ca.



SURVEY METHODS: Visit a lake between 1 May and 31 August with spotting scope or good binoculars. Surveys can be done from a boat, or vantage point(s) from shore. Report names of surveyors, dates, number of adults seen, and report on the approximate percentage of the lake area that this number represents. Record presence of young birds or nesting colonies, and provide any additional information on presence/location of likely breeding habitat, specific parts of the lake observed, observed threats to birds or habitat (boat traffic, shoreline clearing, pollution, etc.). Please report on findings even if no birds were seen.

Lakes on the following page that are flagged with an asterisk (*) were not visited in 2015, and are priority for survey in 2016. But please report on presence of western grebes on any of the listed lakes, and on any new lakes where you encounter them.

Example of data to be collected (the more info the better):

LAKE: Smith Lake (SW of Fort MacMurray)

DATE: 21 July 2016

SURVEYOR(S): Bruce Dickinson, Dave Murray

METHOD: 2 hours spent in canoe on SW shore, scan from boat launch at McBrain Marina (55.12N, -111.326W), and from hill on NW side at end of RR 298.

% of LAKE AREA OBSERVED: approx. 80%

WESTERN GREBES SEEN (adults only!) 16

NEST OR YOUNG SEEN? At least two pairs with young seen. Breeding confirmed!

KNOWN OR LIKELY LOCATION OF NESTING COLONY: Only significant patch of emergent bulrush is north of McBrain Marina, at approximately 55.16N, -111.33W. A few birds were seen offshore this area.

NOTES: Birds seen were scattered in SE arm of lake. Some boat traffic near potential habitat noted. Lake was wavy and possible some birds were missed. Water levels were low, and possibly better habitat in high-water years. Likely no more than 30 birds on lake in 2016.

KNOWN WESTERN GREBE LAKES IN ALBERTA (TO 2015) BY REGION

ID	Lower Athabasca	Lat	Long								
1	Alicia Lake*	54.44	-111.95	82	Elk Island National Park*	53.61	-112.86	162	Kitsam Sloughs*	50.50	-112.06
2	Angling Lake	54.20	-110.33	83	Erskine Lake	52.31	-112.89	163	Lac des Arcs	51.05	-115.18
3	Beaver Lake*	54.73	-111.87	84	Figure Lake*	54.43	-112.61	164	Lafarge Meadows Wetland	50.89	-114.00
4	Blackett Lake*	54.74	-111.57	85	Fox Lake	51.66	-111.99	165	Lake Bonavista*	50.94	-114.05
5	Burnt Lake*	54.69	-112.31	86	Garner Lake	54.20	-111.73	166	Lake Newell*	50.43	-111.94
7	Christina Lake*	55.62	-110.93	87	Genesee Lake*	53.34	-114.33	167	Langdon (Dalemead) Lake*	50.92	-113.63
8	Cold Lake	54.52	-110.12	88	Glennifer Lake	52.03	-114.28	168	Lost Lake*	50.15	-112.31
9	Conn Lake*	54.52	-111.11	89	Gull Lake	52.54	-114.00	169	Louisiana Lakes Reservoir*	50.52	-111.40
10	Cushing Lake*	54.06	-110.44	90	Handhills Lake*	51.49	-112.12	170	Lower Milk River*	49.01	-110.58
11	Dabbs Lake*	54.77	-111.48	91	Hanna Reservoir	51.64	-111.93	171	Lower Waterton Lake*	49.10	-113.86
12	Elinor Lake*	54.66	-111.65	92	Hastings Lake	53.42	-112.92	172	MacIlroy's Slough	51.07	-113.80
13	Ethel Lake*	54.53	-110.35	93	Indian Lake*	53.39	-110.99	173	Many Islands Lake*	50.16	-110.04
14	Fork Lake	54.47	-111.56	94	Isle Lake	53.63	-114.74	174	Marguerite Lake*	50.38	-114.16
15	Francis Lake*	54.96	-111.57	95	Islet Lake*	53.45	-112.82	175	McDonald Lake	51.19	-113.95
16	Frog Lake	53.92	-110.33	96	Kehewin Lake*	54.06	-110.90	176	McGregor Lake	50.51	-112.88
17	Harold Lake*	54.47	-110.58	97	Lac Canard*	53.88	-111.35	177	Meadowbrook Lake*	50.57	-111.87
18	Heart Lake*	55.03	-111.50	98	Lac Sante	53.84	-111.58	178	Milk River Ridge Reservoir*	49.37	-112.63
19	Helena Lake*	54.68	-111.59	99	Lake Minnewanka*	51.27	-115.39	179	Minor Lakes/Kinivie Marsh*	50.37	-111.50
20	Ironwood Lake*	54.60	-111.52	100	Little Fish Lake	51.38	-112.23	180	Murray Lake	49.79	-110.97
21	Jackson Lake*	54.81	-111.55	101	Lonepine Lake*	54.43	-112.07	181	Namaka Lake	50.94	-113.22
22	Jessie Lake	54.26	-110.75	102	Lower Therien Lake*	53.94	-111.36	182	Oldman River*	49.92	-111.76
23	Kerr Lake*	54.52	-112.06	103	Ministik Lake*	53.34	-113.02	183	Pakowki Lake	49.35	-110.97
24	Kinnaird Lake*	54.78	-111.53	104	Miquelon Lake	53.25	-112.90	184	Rattlesnake (Sauder) Res	49.98	-111.00
25	Kinosiu Lake*	54.73	-112.32	105	North Saskatchewan River*	53.59	-113.37	185	Red Deer River (Bow City)*	50.43	-112.23
26	Lac La Biche	54.86	-112.12	106	Oakland Lake	51.23	-111.50	186	Reesor Lake*	49.67	-110.11
27	Landry Lake*	54.21	-110.63	107	Pigeon Lake*	53.03	-114.06	187	Rolling Hills Lake*	50.36	-111.90
28	Lane Lake*	54.71	-110.91	108	Pine Lake	52.08	-113.44	188	Rutherford Lake*	50.13	-110.22
29	Logan Lake*	55.08	-111.37	109	Prairie Oasis Park	51.46	-111.81	189	Sadler's Slough*	51.05	-113.54
30	Manatokan Lake*	54.47	-110.96	110	Red Deer River*	52.31	-113.78	190	Sam Lake*	50.15	-110.26
31	Missawawi Lake*	54.73	-112.20	111	Samson Lake*	52.76	-113.25	191	Scope Reservoir/Hays Lake	50.06	-111.81
32	Moore Lake/Crane Lake*	54.52	-110.52		Shooting Lake*	52.18	-112.34	192	Seven Persons Reservoir*	49.86	-110.91
33	Moose Lake	54.24	-110.93	112	Slacks Slough	52.20	-113.81	193	Shanks Lake	49.07	-112.72
34	Muriel Lake	54.15	-110.68	113	South Saskatchewan River*	50.68	-110.14	194	Shepards Sloughs	50.95	-113.88
35	Noral Lake*	54.63	-112.39	114	Sylvan Lake*	52.36	-114.16	195	Sherburne Lake	49.75	-111.78
36	Otter Lake*	55.12	-111.72	115	Telford Lake	53.27	-113.52	196	Silverado Slough*	50.89	-114.06
37	Piche Lake*	55.04	-111.59	116	Unnamed Wetland 11*	52.23	-111.69	197	South Saskatchewan River*	50.04	-110.64
38	Pinehurst Lake*	54.65	-111.43		Unnamed Wetland 7	52.92	-110.61	198	Stobart Lake*	50.91	-113.19
39	Portage Lake*	54.96	-112.05	117	Unnamed Wetland 3*	53.32	-110.79	199	Taber Lake	49.80	-112.09
40	Reita Lake*	54.14	-110.43	118	Unnamed Wetland 5*	53.37	-111.00	200	Third Lake	50.76	-113.69
41	Seibert Lake*	54.73	-111.31	119	Unnamed Wetland 9*	53.53	-110.86	201	Tide Lake*	50.55	-111.34
42	Sinclair Lake*	54.72	-110.66	120	Upper Therien Lake*	53.97	-111.29	202	Tilley A Reservoir	50.50	-111.63
43	Square Lake*	54.91	-111.84	121	Vermilion Lakes*	51.18	-115.59	203	Tilley B Reservoir	50.57	-111.66
44	Tawakwato Lake*	54.69	-112.21	122	Wabamun Lake	53.55	-114.60	204	Tyrell Lake	49.39	-112.26
45	Touchwood Lake*	54.83	-111.38	123	Watt Lake	53.70	-111.93	205	Unnamed Wetland 1*	49.68	-110.98
46	Tucker Lake*	54.53	-110.61	124	Wizard Lake	53.11	-113.87	206	Unnamed Wetland 10*	49.56	-112.30
47	Whitfish Lake	54.37	-111.90		ID South Sask	Lat	Long	207	Unnamed Wetland 12*	50.44	-111.46
48	Winefred Lake*	55.48	-110.54	125	Badger Lake	50.38	-112.47	208	Unnamed Wetland 13*	49.94	-111.74
49	Wolf Lake*	54.68	-110.96	126	Blizzard Lake	50.77	-113.76	209	Unnamed Wetland 2*	49.56	-113.71
	ID Peace	Lat	Long	127	Bow Island*	49.87	-111.39	210	Unnamed Wetland 4*	49.57	-111.28
50	Bear Lake	55.26	-118.99	128	Bow River (Carseland Weir)	50.82	-113.45	211	Unnamed Wetland 6*	49.12	-111.49
51	Beaverlodge Sewage Lagoon*	55.19	-119.43	129	BowKan Birders Area*	51.16	-114.97	212	Unnamed Wetland 8*	49.18	-110.88
52	Calling Lake	55.24	-113.30	130	Brant Sloughs	50.45	-113.53	213	Upper Waterton Lake	49.05	-113.90
53	Henderson Lake*	55.35	-119.10	131	Bruce Lake	51.20	-113.55	214	Verdigris Lake	49.24	-112.02
54	Lac Cardinal*	56.24	-117.74	132	Cameron Lake*	49.02	-114.05	215	Waterton Reservoir*	49.30	-113.70
55	Musreau Lake	54.53	-118.62	133	Cattleland Slough	51.16	-113.40	216	Waterton River (marsh)*	49.11	-113.84
56	Peace River*	58.32	-116.32	134	CFB Suffield Wetland 1*	50.69	-111.04	217	Weed Lake*	50.99	-113.66
57	Sandy Lake	55.83	-113.40	135	CFB Suffield Wetland 2*	50.40	-110.85		ID Upper Athabasca	Lat	Long
58	Saskatoon Lake	55.22	-119.09	136	Chain Lakes Reservoir	50.21	-114.20	218	Amisk Lake	54.58	-112.64
59	Sturgeon Lake	55.11	-117.52	137	Chestermere Sloughs*	51.07	-113.82	219	Baptiste Lake	54.77	-113.56
	ID Red Deer - North Sask	Lat	Long	138	Clear Lake	50.14	-113.41	220	Brock Lake	53.81	-114.84
60	Akasu Lake*	53.50	-111.83	139	Crawling Valley Reservoir	50.90	-112.36	221	Charron Lake*	54.85	-112.51
61	Astotin Lake*	53.68	-112.85	140	Crow Indian Lake	49.38	-111.75	222	Chip Lake	53.66	-115.39
62	Battle Lake*	52.97	-114.19	141	Deadhorse Lake	51.06	-112.67	223	Island Lake*	54.84	-113.54
63	Beaverhill Lake	53.46	-112.54	142	Eagle Lake	51.00	-113.32	224	Lac La Nonne	53.94	-114.33
64	Bens Lake	53.66	-111.87	143	Elkwater Lake*	49.67	-110.30	225	Lac St. Anne	53.72	-114.44
65	Big Knife Provincial Park*	52.49	-112.21	144	Elliston Lake*	51.03	-113.94	226	Lawrence Lake*	55.00	-113.71
66	Big Lake	53.59	-113.74	145	Emmerson Lake	50.58	-113.85	227	Lesser Slave Lake	55.45	-115.34
67	Blood Indian Creek Resvr*	51.24	-111.21	146	Etzikom Coulee	49.43	-111.32	228	Long Lake*	54.57	-113.65
68	Bonnie Lake*	54.15	-111.87	147	Fincastle Lake	49.83	-111.98	229	Nakamun Lake	53.88	-114.21
69	Buck Lake	53.00	-114.77	148	Fish Creek Provincial Park*	50.90	-114.02	230	North Buck Lake	54.68	-112.57
70	Buffalo Lake	52.48	-112.88	149	Forty Mile Coulee Reservoir	49.60	-111.36	231	Obed Lake	53.56	-117.14
71	Coal Lake*	53.09	-113.30	150	Frank Lake	50.56	-113.71	232	Pyramid Lake*	52.92	-118.10
72	Coleman Lake	51.45	-111.87	151	Ghost Reservoir	51.20	-114.75	233	Romeo Lake*	54.06	-114.87
73	Cooking Lake	53.42	-113.04	152	Gladys Sloughs*	50.75	-113.63	234	Skeleton Lake	54.62	-112.73
74	Cranra Lake*	52.47	-113.74	153	Glenmore Reservoir	50.98	-114.12	235	Steele Lake	54.65	-113.78
75	Crestomere Lake	52.67	-113.92	154	Henderson Lake	49.69	-112.80	236	Talbot Lake*	53.09	-118.00
76	Crimson Lake*	52.46	-115.04	155	Horsely Reservoir	49.72	-112.06	237	Thunder Lake	54.13	-114.76
77	Dinosaur Provincial Park*	50.76	-111.52	156	Irricana Reservoir	51.30	-113.56	238	Utikuma Lake	55.87	-115.43
78	Driedmeat Reservoir*	52.87	-112.75	157	Irricana Sloughs	51.28	-113.47	239	Winagami Lake	55.63	-116.74
79	Dwayne Lake*	54.44	-112.12	158	Jensen Reservoir*	49.31	-112.90	240	Windy Lake*	54.60	-112.60
80	Eagle Hill*	51.83	-114.47	159	Johnson Lake*	50.59	-111.89				
81	Eliza Lake*	53.81	-111.19	160	Keho Lake*	49.95	-113.00				
				161	Kitsam Reservoir	50.45	-112.10				

*Priority lakes to survey in 2016