

Comparison Feb 2014 to Feb 2019 Temperature / Dissolved Oxygen (DO) readings - Lake Weslemkoon

Feb 2014 readings were taken by Kevin Moyser in the main Lake
Weslemkoon Channel south east of Elmdon

Feb 2019 readings were taken by Ian Mackenzie in the main Lake
Weslemkoon Channel between Regina Bay and Rathbun Island (not far

Feb 2019 snow cover was complete, with a good 12 inches covering the
ice, and ice about 16 inches thick where I drilled

Depth (meters)	Temperature (°C) 2019	Dissolved Oxygen (DO) mg/l Feb 18 2019	DO Mg/l Feb 4 2014	Dissolved Oxygen (DO) % 2019
1				
2	2.7	11.97	11.95	88.40
3	2.7	11.86	11.64	87.10
4	2.8	11.63	11.48	85.70
5	2.8	11.54	11.25	85.30
6	2.8	11.50	11.04	84.90
7	2.8	11.42	10.86	83.60
8	2.9	11.11	10.74	82.50
9	2.9	11.07	10.45	82.00
10	2.9	10.98	10.27	81.50
11	3.0	10.95	10.03	81.10
12	3.0	10.80	9.85	80.10
13	3.1	10.69	9.62	79.50
14	3.1	10.53	9.42	78.20
15	3.1	10.36	9.22	77.40
16	3.2	10.30	8.96	77.00
17	3.2	10.17	8.83	76.40
18	3.2	10.01	8.57	75.40
19	3.2	9.84	8.40	73.30
20	3.3	9.87	8.16	73.70
21	3.3	9.65	7.99	72.70
22	3.3	9.35	7.64	69.80
23	3.3	9.12	7.30	69.00
24	3.3	8.93	7.09	66.90
25	3.4	8.66	6.81	65.50
26	3.4	8.57	6.46	64.60
27	3.4	8.48	6.10	63.60
28	3.4	8.22	5.81	62.00
29	3.4	8.20	3.31	61.90
30	3.5	7.40	2.83	55.10
31	3.7	0.97	2.64	8.40
32	4.1	1.10	2.33	7.30
33	4.1	0.84	2.24	6.60
34	4.1	0.73	2.14	5.70
35	4.1	0.66	2.06	4.80
36	4.1	0.53	1.97	4.20
37	4.1	0.48	1.89	3.60
38	4.1	0.44	1.80	3.30
39	4.1	0.36	1.71	2.80
40	4.2	0.32	1.62	2.40
41	4.2	0.29	1.29	2.10
42	4.2	0.25	1.12	2.00
43	4.2	0.23	1.05	1.70
44	4.2	0.21	0.99	1.60
45	4.2	0.19	0.93	1.50
46	4.2	0.10	0.87	0.80
47	4.2	0.10	0.82	0.70
48	4.2	0.09	0.77	0.70
49	4.2	0.09	0.72	0.70
50	4.2	0.08	0.67	0.60
51	4.3	0.08	0.62	0.60
52	4.3	0.07	0.58	0.50
53			0.54	