

Limnological profiles for Sandy Lake (Bedford, Nova Scotia) on Oct 3, 2017

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Site 1

44.738056, -63.705000

Depth (dt units)	meters	Temp	O2sat'n	O2MG/L	SC (uS/cm)	TDS	pH
Surface	0	17.1	98.0	9.42	169	109.9	6.63
1	-0.91	17.1	97.5	9.39	169	109.85	6.60
3	-2.74	16.9	95.3	9.20	169	109.85	6.65
5	-4.57	16.9	94.8	9.17	168	109.20	6.63
7	-6.40	16.8	94.5	9.15	169	109.20	6.62
9	-8.23	11.4	62.5	6.82	195	126.75	6.50
11	-10.0	9.3	43.1	4.92	211	137.15	6.31
13	-11.9	7.3	38.7	4.69	220	143.0	6.12
15	-13.7	6.0	40.0	4.94	236	153.4	5.99
17	-15.5	5.7	33.6	3.94	246	160.55	6.94
Bottom~17.5= 52.5 ft	-16.0	5.7	17.9	2.25	248	165.76	6.10

Secchi at Site 1=71"down , 71"up

Site 2

~44.735201 -63.700675

Depth (dt units)		Temp	O2sat'n	O2MG/L	SC (uS/cm)	TDS	pH
surface	0	17.2	95.5	9.19	168	109.2	6.81

1dt	-0.91	17.2	97.3	9.35	168	109.2	6.62
3	-2.74	16.9	95.1	9.04	168	109.2	6.61
5	-4.57	16.8	93.9	9.19	168	109.2	6.69
7	-6.40	16.8	94.1	9.13	168	109.2	6.65
9	-8.22	13.9	64.7	6.46	189	122.8	6.45
11=33 ft	-10.05	8.9	43.0	4.78	213	139.1	6.27
On bottom							
A while		8.2	33.6	3.94	1.215	139.75	6.09

Secchi at Site 2=71"down , 71"up

Site 3

44.730190, -63.702443

Depth (dt units)		Temp	O2sat'n	O2MG/L	SC (uS/cm)	TDS	pH
surface	0	17.2	102	9.82	168	109.2	6.66
1	-0.91	16.9	101.7	9.75	168	109.6	6.64
3	-2.74	16.5	102.6	10.0	169	109.85	6.63
5	-4.57	16.3	103.3		169	109.85	6.62
6 On bottom=18 ft	-5.49	15.4	102.3		170	110.5	6.62

Secchi at Site 3=94"down , 71"up

Dt unit=3 feet