

Lower Bolton Lake, Bolton

Water Data 2018

Water data was collected for Lower Bolton Lake on June 14 and July 27, 2018
by Greg Bugbee, Summer Stebbins, and Riley Doherty.

Table 1. Dissolved oxygen and temperature. The transparency (Secchi) was 1.4 m on June 14, 2018 and 3.0 m on July 27, 2018.

Latitude	Longitude	Date	Depth (m)	Dissolved Oxygen (mg/L)	Temperature (°C)
41.79991 41°47'59.7"N	-72.43008 72°25'48.3"W	6/14/2018	0.5	8.4	19.8
			1	8.5	19.7
			2	8.7	19.6
			3	8.4	19.6
			4	0.5	18.5
41.79991 41°48'1.7"N	-72.43008 72°25'43.9"W	7/27/2018	0.5	8.2	25.6
			1	8.2	25.5
			2	8.1	25.4
			3	7.3	25.3
			4	0.1	24.0

Table 2. Water chemistry

Date	Depth (m)	Conductivity (µs/cm)	pH	Alkalinity expressed as Calcium Carbonate (mg/L)	Phosphorus (parts per billion)
6/14/2018	0.5	149	6.4	14.3	24
	4.0	147	6.4	12.8	24
7/27/2018	0.5	155	6.3	15.0	20
	3.9	147	6.3	14.3	29