

Middle Bolton Lake, Vernon

Water Data 2005

Water data was collected for Middle Bolton Lake on July 19, 2005
by Robert Capers and Brandon Russell.

Table 1. Dissolved oxygen and temperature. The transparency (Secchi) was 2.9 m.

Latitude	Longitude	Date	Depth (m)	Dissolved Oxygen (mg/L)	Temperature (°C)
41.8089 41°48'32.0"N	-72.42619 72°25'34.3"W	7/19/2005	0.5	6.2	27.6
			1	6.6	27.1
			2	6.7	24.9
			3	3.3	22.4
			4	0.3	17.3
			5	0.1	15.4

Table 2. Water chemistry

Date	Depth (m)	Conductivity (µs/cm)	pH	Alkalinity expressed as Calcium Carbonate (mg/L)	Phosphorus (parts per billion)
7/19/2005	0.5	71.5	6.1	6.75	19
	5.0	73.1	5.4	11.25	46