

Rogers Lake, Lyme

Water Data 2006

Water data was collected for Rogers Lake on July 13, 2006
by Roslyn Selsky and Emily Pysh.

Table 1. Dissolved oxygen and temperature. The transparency (Secchi) was 2.3 m.

Latitude	Longitude	Date	Depth (m)	Dissolved Oxygen (mg/L)	Temperature (°C)
41.36418 41° 21' 51.0"N	-72.30096 72° 18' 3.5"W	7/13/2006	0.5	7.9	28.7
			1	7.9	27.3
			2	7.1	26.6
			3	5.5	24.8
			4	3.9	19.7
			5	2.8	16.0
			6	1.7	14.2
			7	1.7	12.3
			8	2.6	10.7
			9	3.5	9.1
			10	4.5	8.2
			11	4.7	7.7
			12	4.8	7.3
			13	4.4	7.0
14	4.5	6.9			

Table 2. Water chemistry

Date	Depth (m)	Conductivity (µs/cm)	pH	Alkalinity expressed as Calcium Carbonate (mg/L)	Phosphorus (parts per billion)
7/13/2006	0.5	45	7.2	8	6
	16.0	49	6.8	6	7