

Lake Quonnipaug, Guilford

Water Data 2010

Water data was collected for Lake Quonnipaug on July 8, 2010
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Table 1. Dissolved oxygen and temperature. The transparency (Secchi) was 3.0 m.

Latitude	Longitude	Date	Depth (m)	Dissolved Oxygen (mg/L)	Temperature (°C)
41.39247 41°23'32.9"N	-72.69744 72°41'50.8"W	7/8/2010	0.5	7.8	28.9
			1	7.4	28.8
			2	7.4	28.7
			3	6.9	26.8
			4	8.0	22.4
			5	7.7	17.5
			6	7.8	14.1
			7	3.8	11.5
			8	2.7	9.3
			9	2.3	8.6
			10	1.8	8.1
			11	0.7	7.7
			12	0.1	7.5
			13	0.0	7.3
14	0.0	7.2			

Table 2. Water chemistry

Date	Depth (m)	Conductivity (µs/cm)	pH	Alkalinity expressed as Calcium Carbonate (mg/L)	Phosphorus (parts per billion)
7/8/2010	0.5	139	8.1	29	3
	9.0	138	6.4	29	3