

Pattagansett Lake, East Lyme

Water Data 2006

Water data was collected for Pattagansett Lake on July 18, 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)
41.3741 41°22'26.8"N	-72.23028 72°13'49.0"W	7/18/2006	0.5	6.9	31.4
			1	7.2	30.6
			2	7.5	29.4
			3	5.0	26.3
			4	2.1	22.9
			5	0.8	19.0
			6	0.5	16.9
			7	0.4	15.3
			8	0.4	13.9
9	0.4	13.0			

Table 2. Water chemistry

Date	Depth (m)	Conductivity (µs/cm)	pH	Alkalinity expressed as Calcium Carbonate (mg/L)	Phosphorus (parts per billion)
7/18/2006	0.5	48	7.1	8	6
	9.5	58	6.6	14	19