

# Pattagansett Lake, East Lyme

## Water Data 2013

Water data was collected for Pattagansett Lake on July 12, 2013  
by Gregory Bugbee, Jordan Gibbons, Samantha Wysocki, and Adam Hawkes.

**Table 1.** Dissolved oxygen and temperature. The transparency (Secchi) was 2.6 m.

Latitude	Longitude	Date	Depth (m)	Dissolved Oxygen (mg/L)	Temperature (°C)
41.3742 41°22'27.1"N	-72.23048 72°13'49.7"W	7/12/2013	0.5	7.6	28.3
			1	7.6	28.3
			2	7.5	28.3
			3	3.7	25.7
			4	2.2	20.8
			5	1.7	17.8
			6	1.8	16.0
			7	2.0	14.1
			8	2.1	11.6
			9	1.7	11.2
10	1.5	11.0			

**Table 2.** Water chemistry

Date	Depth (m)	Conductivity (µs/cm)	pH	Alkalinity expressed as Calcium Carbonate (mg/L)	Phosphorus (parts per billion)
7/12/2013	0.5	77	6.5	10	6
	9.5	95	6.2	22	9