

Lake Hayward, East Haddam

Water Data 2013

Water data was collected for Lake Hayward on August 23, 2013
by Jordan Gibbons and Samantha Wysocki.

Table 1. Dissolved oxygen and temperature. The transparency (Secchi) was 2.5 m.

Latitude	Longitude	Date	Depth (m)	Dissolved Oxygen (mg/L)	Temperature (°C)
41.51878 41°31'7.6"N	-72.3273 72°19'38.3"W	8/23/2013	0.5	7.8	23.9
			1	7.9	23.8
			2	7.7	23.8
			3	7.6	23.7
			4	7.7	23.7
			5	5.5	22.9
			6	4.1	22.4
			7	2.9	21.6
			8	0.3	17.3
			9	0.0	15.7
			10	0.0	14.2

Table 2. Water chemistry

Date	Depth (m)	Conductivity (µs/cm)	pH	Alkalinity expressed as Calcium Carbonate (mg/L)	Phosphorus (parts per billion)
8/23/2013	0.5	121	6.3	7	12
	10.0	114	6.1	16	15