

Lake Hayward, East Haddam

Water Data 2019

Water data was collected for Lake Hayward on July 24, 2019
by Greg Bugbee and Michael Modica.

Table 1. Dissolved oxygen and temperature. The transparency (Secchi) was 2.8 m.

Latitude	Longitude	Date	Depth (m)	Dissolved Oxygen (mg/L)	Temperature (°C)
41.518708 41°31'7.3"N	-72.327322 72°19'38.4"W	7/24/2019	0.5	6.2	26.7
			1	6.4	26.5
			2	6.3	26.4
			3	6.4	26.2
			4	6.0	26.0
			5	0.8	22.9
			6	1.4	20.1
			7	0.6	18.6
			8	0.5	17.0
			9	0.5	14.7
10	0.5	12.6			

Table 2. Water chemistry

Date	Depth (m)	Conductivity (µs/cm)	pH	Alkalinity expressed as Calcium Carbonate (mg/L)	Phosphorus (parts per billion)
7/24/2019	0.5	9	6.2	11.3	8
	10.0	94	6.1	13.5	14