

Lake Hayward, East Haddam

Water Data 2005

Water data was collected for Lake Hayward on August 9, 2005
by Roslyn Selsky and Gregory Bugbee.

Table 1. Dissolved oxygen and temperature. The transparency (Secchi) was 2.2 m.

Latitude	Longitude	Date	Depth (m)	Dissolved Oxygen (mg/L)	Temperature (°C)
41.51878 41°31'7.6"N	-72.32729 72°19'38.2"W	8/9/2005	0.5	6.7	28.1
			1	6.3	28.0
			2	6.6	28.0
			3	5.5	27.3
			4	3.7	26.8
			5	1.5	25.3
			6	0.5	22.2
			7	0.2	19.5
			8	0.2	17.8
			9	0.2	16.5
			10	0.1	15.7

Table 2. Water chemistry

Date	Depth (m)	Conductivity (µs/cm)	pH	Alkalinity expressed as Calcium Carbonate (mg/L)	Phosphorus (parts per billion)
8/9/2005	0.5	83	6.1	6	13
	9.0	96	5.9	17	15