

Bashan Lake, East Haddam

Water Data 2014

Water data was collected for Bashan Lake on September 17, 2014
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Table 1. Dissolved oxygen and temperature. The transparency (Secchi) was 4.2 m.

Latitude	Longitude	Date	Depth (m)	Dissolved Oxygen (mg/L)	Temperature (°C)
41.49091 41°29'27.3"N	-72.41197 72°24'43.1"W	9/17/2014	0.5	8.1	20.3
			1	7.9	20.3
			2	7.3	20.4
			3	7.4	20.4
			4	7.2	20.3
			5	7.2	20.3
			6	7.3	20.3
			7	7.0	20.3
			8	6.8	9.9
			9	1.0	15.8
			10	0.6	13.2
			11	0.2	11.7
			12	0.1	10.4
13	0.1	10.0			

Table 2. Water chemistry

Date	Depth (m)	Conductivity (µs/cm)	pH	Alkalinity expressed as Calcium Carbonate (mg/L)	Phosphorus (parts per billion)
9/17/2014	0.5	65	6.2	3.8	4.0
	13.5	75	5.9	13.5	36.0