

Bashan Lake, East Haddam

Water Data 2016

Water data was collected for Bashan Lake on October 6, 2016
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Table 1. Dissolved oxygen and temperature. **The transparency (Secchi) was 6.0 m.**

Latitude	Longitude	Date	Depth (m)	Dissolved Oxygen (mg/L)	Temperature (°C)
41.49003 41°29'24.1"N	-72.41129 72°24'40.6"W	10/6/2016	0.5	7.9	19.0
			1	8.0	18.8
			2	7.4	18.6
			3	7.3	18.5
			4	7.4	18.4
			5	6.9	18.4
			6	7.3	18.3
			7	7.3	18.3
			8	7.5	18.2
			9	7.3	18.1
			10	2.2	16.8
			11	0.1	12.6
12	0.1	12.1			

Table 2. Water chemistry

Date	Depth (m)	Conductivity (µs/cm)	pH	Alkalinity expressed as Calcium Carbonate (mg/L)	Phosphorus (parts per billion)
10/6/2016	0.5	73	6.0	7.5	7.0
	12.0	74	5.9	7.5	4.0