

Bashan Lake, East Haddam

Water Data 2004

Water data was collected for Bashan Lake on August 27, 2004
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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)
41.4905 41°29'25.8"N	-72.41023 72°24'36.8"W	8/27/2004	0.5	7.3	24.6
			1	7.2	24.6
			2	7.0	24.5
			3	6.7	24.3
			4	6.7	24.2
			5	7.0	24.0
			6	6.6	24.0
			7	5.5	23.5
			8	1.6	20.3
			9	2.0	16.5
			10	1.3	14.8
			11	0.3	12.9
			12	0.1	11.9
13	0.1	11.2			

Table 2. Water chemistry

Date	Depth (m)	Conductivity (µs/cm)	pH	Alkalinity expressed as Calcium Carbonate (mg/L)	Phosphorus (parts per billion)
8/27/2004	0.5	65	5.7	6.0	8.0
	9.0	62	5.6	6.0	0.0
	13.0	64	5.6	7.5	1.0