

Bashan Lake, East Haddam

Water Data 2022

Water data was collected for Bashan Lake on July 21, 2022
by Gregory Bugbee.

Table 1. Dissolved oxygen and temperature. The transparency (Secchi) was 6 m.

Latitude	Longitude	Date	Depth (ft)	Dissolved Oxygen (mg/L)	Temperature (°F)
41.49097 41° 29' 27.5" N	-72.411372 72° 24' 40.9" W	7/21/2022	1.64	7.8	82.6
			3.28	7.5	82.6
			6.56	7.6	82.4
			9.84	7.5	81.9
			13.12	7.6	80.6
			16.40	7.6	80.1
			19.69	6.8	79.3
			22.97	5.0	73.0
			26.25	5.6	68.0
			29.53	6.5	61.3
			32.81	4.4	58.5
			36.09	4.3	58.5
			39.37	1.1	56.3
			42.65	0.2	55.8
45.93	0.1	55.6			

Table 2. Water chemistry

Depth (m)	Conductivity (µs/cm)	pH	Alkalinity expressed as Calcium Carbonate (mg/L)	Phosphorus (parts per billion)	Nitrogen (parts per billion)
0.5	62	6.7	6.8		
13.0	72	6.3	9.8		