

Beaver Dam Lake, Stratford

Water Data 2009

Water data was collected for Beaver Dam Lake on July 22, 2009
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Table 1. Dissolved oxygen and temperature. The transparency (Secchi) was 2.0 m.

Latitude	Longitude	Date	Depth (m)	Dissolved Oxygen (mg/L)	Temperature (°C)
41.25058 41°15'2.1"N	-73.14075 73°8'26.7"W	7/22/2009	0.5	8.1	25.5
			1	8.2	25.0
			2	8.2	24.7
			3	7.8	24.2
			4	5.5	20.8
			5	5.0	16.4
			6	4.8	12.4
			7	4.6	10.2
			8	3.2	8.9
			9	1.8	8.1
			10	0.8	7.7
			11	0.4	7.4
12	0.3	7.1			

Table 2. Water chemistry

Date	Depth (m)	Conductivity (µs/cm)	pH	Alkalinity expressed as Calcium Carbonate (mg/L)	Phosphorus (parts per billion)
7/22/2009	0.5	211	7.1	21.8	5.0
	12.0	279	6.1	42.8	28.0