

Chase Reservoir, Killingly

Water Data 2005

Water data was collected for Chase Reservoir on August 8, 2005
by Robert Capers and Brandon Russell.

Table 1. Dissolved oxygen and temperature. The transparency (Secchi) was 2.7 m.

Latitude	Longitude	Date	Depth (m)	Dissolved Oxygen (mg/L)	Temperature (°C)
41.84679 41°50'48.4"N	-71.83803 71°50'16.9"W	8/8/2005	0.5	7.3	28.1
			1	7.1	27.8
			2	6.6	27.6
			3	0.3	27.6

Table 2. Water chemistry

Date	Depth (m)	Conductivity (µs/cm)	pH	Alkalinity expressed as Calcium Carbonate (mg/L)	Phosphorus (parts per billion)
8/8/2005	0.5	68	6.3	11.25	18
	2.7	67	6.2	10.5	25