

Mudge Pond, Sharon

Water Data 2015

Water data was collected for Mudge Pond on September 24, 2015
by Gregory Bugbee, Jennifer Fanzutti, and Jesse Schock.

Table 1. Dissolved oxygen and temperature. The transparency (Secchi) was 3.0 m.

Latitude	Longitude	Date	Depth (m)	Dissolved Oxygen (mg/L)	Temperature (°C)
41.90293 41°54'10.5"N	-73.47482 73°28'29.4"W	9/24/2015	0.5	7.5	20.6
			1	7.5	20.1
			2	7.4	19.7
			3	7.3	19.6
			4	7.4	19.5
			5	6.9	19.4
			6	2.7	18.5
			7	0.1	15.3
			8	0.0	11.5
9	0.0	9.5			

Table 2. Water chemistry

Date	Depth (m)	Conductivity (µs/cm)	pH	Alkalinity expressed as Calcium Carbonate (mg/L)	Phosphorus (parts per billion)
9/24/2015	0.5	338	6.6	5	23
	9.0	354	6.5	5	118