

Messerschmidt Pond, Deep River

Water Data 2005

Water data was collected for Messerschmidt Pond on August 16, 2005
by Dr. Robert Capers and Brandon Russell.

Table 1. Dissolved oxygen and temperature. The transparency (Secchi) was 2.8 m.

Latitude	Longitude	Date	Depth (m)	Dissolved Oxygen (mg/L)	Temperature (°C)
41.33882 41°20'19.8"N	-72.48377 72°29'1.6"W	8/16/2005	0.5	5.5	27.4
			1	5.4	26.8
			2	4.9	26.4
			3	0.4	20.8
			4	0.5	16.3
			5	0.2	14.7

Table 2. Water chemistry

Date	Depth (m)	Conductivity (µs/cm)	pH	Alkalinity expressed as Calcium Carbonate (mg/L)	Phosphorus (parts per billion)
8/16/2005	0.5	65	6.0	7	26
	4.5	195	6.4	86	45