

Long Meadow Pond, Bethlehem

Water Data 2005

Water data was collected for Long Meadow Pond on July 5, 2005
by Dr. Robert Capers and Brandon Russell.

Table 1. Dissolved oxygen and temperature. The transparency (Secchi) was 1.6 m.

Latitude	Longitude	Date	Depth (m)	Dissolved Oxygen (mg/L)	Temperature (°C)
41.65365 41°39'13.1"N	-73.21042 73°12'37.5"W	7/5/2005	0.5	7.1	25.4
			1	6.3	25.2
			2	3.4	24.6
			3	0.2	24.1

Table 2. Water chemistry

Date	Depth (m)	Conductivity (µs/cm)	pH	Alkalinity expressed as Calcium Carbonate (mg/L)	Phosphorus (parts per billion)
7/5/2005	0.5	79	6.5	17	48
	2.5	85	6.2	17	68