

# Highland Lake, Winchester

## Water Data 2004

Water data was collected for Highland Lake on August 10, 2004  
by Dr. Robert Capers and Roslyn Selsky.

**Table 1.** Dissolved oxygen and temperature. The transparency (Secchi) was 3.3 m.

Latitude	Longitude	Date	Depth (m)	Dissolved Oxygen (mg/L)	Temperature (°C)
41.92021 41°55'12.8"N	-73.08627 73°5'10.6"W	8/10/2004	0.5	7.2	22.8
			1	7.2	22.8
			2	6.6	22.7
			3	6.5	22.7
			4	6.3	22.6
			5	6.7	22.6
			6	6.0	22.4
			7	0.4	19.2
8	0.2	15.1			

**Table 2.** Water chemistry

Date	Depth (m)	Conductivity (µs/cm)	pH	Alkalinity expressed as Calcium Carbonate (mg/L)	Phosphorus (parts per billion)
8/10/2004	0.5	133	6.4	17	34
	9.0	110	6.0	20	14