

Uncas Lake, Lyme

Water Data 2019

Water data was collected for Uncas Lake on July 19, 2019
by Summer Stebbins, Michael Modica, and Deanna Rackie.

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

Latitude	Longitude	Date	Depth (m)	Dissolved Oxygen (mg/L)	Temperature (°C)
41.37209 41°22'19.5"N	-72.32082 72°19'15.0"W	7/19/2019	0.5	7.5	27.1
			1	6.9	26.6
			2	7.5	24.6
			3	9.3	19.2
			4	7.5	12.6
			5	5.5	8.9
			6	2.9	7.3
			7	0.5	6.4

Table 2. Water chemistry

Date	Depth (m)	Conductivity (µs/cm)	pH	Alkalinity expressed as Calcium Carbonate (mg/L)	Phosphorus (parts per billion)
7/19/2019	0.5	29	6.7	6.0	8.0
	7.0	32	6.1	5.3	11.0