

Lower Mill Pond, Old Lyme

Water Data 2025

Water data was collected for Lower Mill Pond on July 10, 2025 at 12:43 PM
by G. Bugbee and R. Doherty

Table 1. Date, site location, weather conditions, and water clarity (Secchi)

Date	Latitude (DD)	Longitude (DD)	Latitude (DMS)	Longitude (DMS)	Weather Conditions	Water Clarity (Secchi) (m)
7/10/2025	41.338139	-72.320118	41° 20' 17.3"N	72° 19' 12.42"W	Cloudy	1.8

Table 2. Vertical Profiles: dissolved oxygen, temperature, specific conductance, pH, and turbidity

Depth (m)	Depth (ft)	Dissolved Oxygen (mg/L)	Temperature (°C)	Temperature (°F)	Specific Conductance (µs/cm)	pH	Turbidity (FNU)
0.5	1.6	0.68	25.1	77.2	115.4	7.0	3.43
1.0	3.3	0.21	23.6	74.5	134.8	7.2	11.92
2.0	6.6	0.11	19.5	67.1	172.4	7.3	10.01
3.0	9.8	0.03	17.0	62.6	192.5	7.55	8.54

Table 3. Surface and Bottom Measurements: conductivity, total dissolved solids, salinity, alkalinity, and nutrients

Depth (m)	Depth (ft)	Conductivity (µs/cm)	Total Dissolved Solids (TDS)	Salinity (ppt)	Alkalinity (CaCO3 mg/L)	Phosphorus (ppb)	Nitrogen (ppb)
0.5	1.6	115	76	0.05	15.8	30	TBD
3.0	9.8	169	130	0.09	18.8	97	TBD