

Amston Lake, Hebron, Lebanon, Colchester

Water Data 2025

Water data was collected for Amston Lake on August 21, 2025 at 12:21 PM
by G. Bugbee and A. Haxhi

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)
8/21/2025	41.626497	-72.330788	41° 37' 35.3"N	72° 19' 50.8"W	Cloudy	3.0

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	7.30	23.6	74.5	135.3	7.20	0.67
1.0	3.3	7.38	23.6	74.5	135.2	7.16	0.75
2.0	6.6	7.44	23.6	74.5	135.1	7.16	0.70
3.0	9.8	7.47	23.6	74.5	135.0	7.21	1.01

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	132	88	0.06	45.0	4	TBD
3.0	9.8	131	88	0.06	43.5	6	TBD