

Diamond Lake, Glastonbury

Water Data 2025

Water data was collected for Diamond Lake on July 22, 2025 at 12:25 PM
by G. Bugbee and M. Manke

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)
7/22/2025	41.693879	-72.481326	41° 41' 38.0"N	72° 28' 52.8"W	Partly cloudy	2.0

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	7.05	27.2	81.0	180.7	6.72	1.11
1.0	3.3	7.03	27.0	80.6	180.6	6.73	1.13
2.0	6.6	6.68	26.2	79.2	180.3	6.63	1.12
3.0	9.8	2.70	25.2	77.4	185.3	6.31	4.00

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	188	117	0.08	6.8	8	TBD
3.0	9.8	187	121	0.09	23.3	7	TBD