

Lake Elise, Middlebury

Water Data 2023

Water data was collected for Lake Elise on July 19, 2023
by Summer Stebbins and Riley Doherty

Table 1. Dissolved oxygen and temperature. The transparency (Secchi) was 1.2 m.

Latitude	Longitude	Date	Depth (m)	Dissolved Oxygen (mg/L)	Temperature (°C)
41.52321 41° 31' 23.6" N	-73.14098 73° 8' 27.5" W	7/19/2023	0.5	9.2	24.1
			1	7.6	23.0
			2	2.2	20.9
			2.5	0.4	19.3

Table 2.

Depth (m)	Conductivity (µs/cm)	pH	Alkalinity expressed as Calcium Carbonate (mg/L)	Phosphorus (parts per billion)	Nitrogen (parts per billion)
0.5	147.9	6.8	13.5	39	TBD
2.0	118.6	6.2	11.3	170	TBD