

Fox Hill Lake, Ridgefield

Water Data 2025

Northern Lake

Water data was collected for Fox Hill Lake on July 3, 2025
by R. Doherty, M. Watts, and A. Haxhi.

Table 1. Dissolved oxygen and temperature. The transparency (Secchi) was 1.1 m.

Latitude	Longitude	Date	Depth (m)	Depth (ft)	Dissolved Oxygen (mg/L)	Temperature (°C)	Temperature (°F)
41.335074 41° 20' 6.2"N	-73.488498 73° 29' 18.6"W	7/3/2025	0.5	1.6	0.27	23.5	74.3
			2.0	6.6	0.13	22.6	72.7

Table 2. Water chemistry

Date	Depth (m)	Conductivity (µs/cm)	pH	Turbidity (FNU)	Alkalinity (CaCO ₃ mg/L)	Phosphorus (ppb)	Nitrogen (ppb)
7/3/2025	0.5	537	7.0	2.2	111	TBA	TBA
	2.0	554	6.9	5.5	143	TBA	TBA

Fox Hill Lake, Ridgefield

Water Data 2025

Southern Lake

Water data was collected for Fox Hill Lake on July 14, 2025
by R. Doherty, M. Manke, and A. Haxhi.

Table 1. Dissolved oxygen and temperature. The transparency (Secchi) was 0.6 m.

Latitude	Longitude	Date	Depth (m)	Depth (ft)	Dissolved Oxygen (mg/L)	Temperature (°C)	Temperature (°F)
41.330648 41° 19' 50.3"N	-73.488486 73° 29' 18.5"W	7/14/2025	0.5	1.6	5.06	28.4	83.1
			1.7	5.6	0.61	28.0	82.4

Table 2. Water chemistry

Date	Depth (m)	Conductivity (µs/cm)	pH	Turbidity (FNU)	Alkalinity (CaCO ₃ mg/L)	Phosphorus (ppb)	Nitrogen (ppb)
7/14/2025	0.5	532	-	3.4	106	TBA	TBA
	1.7	522	-	412.0	103	TBA	TBA

Notes: pH sensor was not working properly; the bottom sediment was stirred up when taking the bottom turbidity measurement