

Long and Bush Ponds, North Stonington

Water Data 2024

Water data was collected for Long and Bush Ponds on July 25, 2024
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Table 1. Dissolved oxygen and temperature. The transparency (Secchi) was 2 m.

Latitude	Longitude	Date	Depth (m)	Depth (ft)	Dissolved Oxygen (mg/L)	Temperature (°C)	Temperature (°F)
41.44892 41° 26' 56.1"N	-71.948704 71° 56' 55.3"W	6/25/2024	0.5	1.6	8.01	26.6	79.9
			1	3.3	7.99	26.6	79.9
			2	6.6	7.62	26.4	79.5
			3	9.8	4.53	21.8	71.2
			4	13.1	4.54	16.7	62.1
			5	16.4	5.28	13	55.4
			6	19.7	6.09	10.8	51.4
			7	23.0	6.53	9.2	48.6
			8	26.2	6.60	8.6	47.5
			9	29.5	5.96	7.7	45.9
			10	32.8	5.75	7.2	45.0
			11	36.1	5.49	6.9	44.4
			12	39.4	4.97	6.7	44.1
			13	42.7	4.52	6.6	43.9
			14	45.9	3.68	6.5	43.7
			15	49.2	3.13	6.3	43.3
			16	52.5	2.52	6.3	43.3
			17	55.8	1.83	6.3	43.3
			18	59.1	0.71	6.2	43.2
			19	62.3	0.16	6.2	43.2
20	65.6	0.05	6.2	43.2			

Table 2. Water chemistry

Date	Depth (m)	Conductivity (µs/cm)	pH	Turbidity (FNU)	Alkalinity (CaCO ₃ mg/L)	Phosphorus (ppb)	Nitrogen (ppb)
6/25/2024	0.5	89	7.2	0.6	32	6	TBA
	20.0	58	6.4	13.5	23	30	TBA