

# Long and Bush Ponds, North Stonington

## Water Data 2020

Water data was collected for Long and Bush Ponds on July 27, 2020  
by Gregory Bugbee, Summer Stebbins, Matthew Latella, and Maylani Velazquez.

**Table 1.** Dissolved oxygen and temperature. The transparency (Secchi) was 3.0 m.

Latitude	Longitude	Date	Depth (m)	Dissolved Oxygen (mg/L)	Temperature (°C)
41.448901 41°26'56.0"N	-71.94903 71°56'56.5"W	7/27/2020	0.5	7.1	28.9
			1	6.9	28.0
			2	6.6	27.7
			3	6.9	26.1
			4	10.5	20.2
			5	10.1	15.2
			6	7.2	11.5
			7	5.9	9.6
			8	4.4	8.1
			9	4.0	7.0
			10	3.8	6.2
			11	3.7	5.5
			12	3.6	5.1
			13	3.5	4.7
			14	3.2	4.4
15	3.5	4.2			

**Table 2.** Water chemistry

Depth (m)	Conductivity (µs/cm)	pH	Alkalinity expressed as Calcium Carbonate (mg/L)	Phosphorus (parts per billion)	Nitrogen (parts per billion)
0.5	68	7.1	15.8	5	271
20.0	69	6.1	21.8	5	327