

# Middle Bolton Lake, Vernon

## Water Data 2020

Water data was collected for Middle Bolton Lake on July 14, 2020  
by Gregory Bugbee, Summer Stebbins, Matthew Latella, and Maylani Velazquez.

**Table 1.** Dissolved oxygen and temperature. **The transparency (Secchi) was 2.8 m.**

| Latitude                  | Longitude                  | Date      | Depth (m) | Dissolved Oxygen (mg/L) | Temperature (°C) |
|---------------------------|----------------------------|-----------|-----------|-------------------------|------------------|
| 41.809136<br>41°48'32.9"N | -72.426309<br>72°25'34.7"W | 7/14/2020 | 0.5       | 7.3                     | 26.2             |
|                           |                            |           | 1         | 7.1                     | 26.2             |
|                           |                            |           | 2         | 7.0                     | 25.9             |
|                           |                            |           | 3         | 7.6                     | 25.8             |
|                           |                            |           | 4         | 1.8                     | 17.8             |
|                           |                            |           | 5         | 0.6                     | 12.7             |

**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       | 112                  | 6.8 | 10.8   | 10                             | 321                          |
| 5.0       | 128                  | 6.2 | 33.8   | 13                             | 369                          |