

Lower Bolton Lake, Bolton

Water Data 2011

Water data was collected for Lower Bolton Lake on August 1, 2011
by Greg Bugbee, Jordan Gibbons, Jennifer Fanzutti, and Michael Cavadini.

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

| Latitude | Longitude | Date | Depth (m) | Dissolved Oxygen (mg/L) | Temperature (°C) |
|------------------------|---------------------------|----------|-----------|-------------------------|------------------|
| 41.8005 41°48'1.8"N | -72.42884 72°25'43.8"W | 8/1/2011 | 0.5 | 7.7 | 30.2 |
| | | | 1 | 8.4 | 30.0 |
| | | | 2 | 8.8 | 28.2 |
| | | | 3 | 7.0 | 27.3 |
| | | | 4 | 3.0 | 26.0 |

Table 2. Water chemistry

| Date | Depth (m) | Conductivity (µs/cm) | pH | Alkalinity expressed as Calcium Carbonate (mg/L) | Phosphorus (parts per billion) |
|----------|-----------|----------------------|-----|--|--------------------------------|
| 8/1/2011 | 0.5 | 133 | 6.2 | 10.5 | 10 |
| | 4.0 | 131 | 5.7 | 12.8 | 32 |