

Gladstone Pond, Killingworth

Water Data 2006

Water data was collected for Gladstone Pond on August 10, 2006
by Gregory Bugbee.

Table 1. Dissolved oxygen and temperature. The transparency (Secchi) was 0.8 m.

| Latitude | Longitude | Date | Depth (m) | Dissolved Oxygen (mg/L) | Temperature (°C) |
|--------------------------|---------------------------|-----------|-----------|-------------------------|------------------|
| 41.39226 41°23'32.1"N | -72.54382 72°32'37.8"W | 8/10/2006 | 0.5 | 8.7 | 26.4 |
| | | | 1 | 7.2 | 25.4 |
| | | | 2 | 1.5 | 20.2 |

Table 2. Water chemistry

| Date | Depth (m) | Conductivity (µs/cm) | pH | Alkalinity expressed as Calcium Carbonate (mg/L) | Phosphorus (parts per billion) |
|-----------|-----------|----------------------|-----|--|--------------------------------|
| 8/10/2006 | 0.5 | 46 | 6.0 | 3 | 59 |
| | 2.5 | 106 | 5.5 | 27 | 80 |