

# Gorton Pond, East Lyme

## Water Data 2015

Water data was collected for Gorton Pond on July 14, 2015  
by Gregory Bugbee, Jennifer Fanzutti, Jesse Schock, and Summer Stebbins.

**Table 1.** Dissolved oxygen and temperature. The transparency (Secchi) was 2.0 m.

| Latitude                 | Longitude                 | Date      | Depth (m) | Dissolved Oxygen (mg/L) | Temperature (°C) |
|--------------------------|---------------------------|-----------|-----------|-------------------------|------------------|
| 41.33715<br>41°20'13.7"N | -72.20792<br>72°12'28.5"W | 7/14/2015 | 0.5       | 7.7                     | 25.5             |
|                          |                           |           | 1         | 7.3                     | 25.5             |
|                          |                           |           | 2         | 5.0                     | 23.8             |

**Table 2.** Water chemistry

| Date      | Depth (m) | Conductivity (µs/cm) | pH  | Alkalinity expressed as Calcium Carbonate (mg/L) | Phosphorus (parts per billion) |
|-----------|-----------|----------------------|-----|--|--------------------------------|
| 7/14/2015 | 0.5       | 158                  | 6.6 | 10   | 14                             |
|           | 2.0       | 154                  | 6.3 | 10   | 19                             |