

Ball Pond, New Fairfield

Water Data 2005

Water data was collected for Ball Pond on August 17, 2005
by Roslyn Selsky and Gregory Bugbee.

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

| Latitude | Longitude | Date | Depth (m) | Dissolved Oxygen (mg/L) | Temperature (°C) |
|--------------------------|---------------------------|-----------|-----------|-------------------------|------------------|
| 41.46259 41°27'45.3"N | -73.52383 73°31'25.8"W | 8/17/2005 | 0.5 | 8.3 | 27.2 |
| | | | 1 | 8.6 | 27.2 |
| | | | 2 | 8.7 | 27.1 |
| | | | 3 | 8.5 | 27.0 |
| | | | 4 | 5.5 | 24.8 |
| | | | 5 | 2.7 | 22.2 |
| | | | 6 | 0.7 | 16.8 |
| | | | 7 | 0.5 | 14.0 |
| | | | 8 | 0.2 | 11.8 |
| | | | 9 | 0.2 | 10.9 |
| | | | 10 | 0.2 | 9.8 |
| | | | 11 | 0.2 | 9.0 |
| | | | 12 | 0.2 | 8.3 |
| | | | 13 | 0.2 | 7.2 |
| 14 | 0.2 | 6.9 | | | |

Table 2. Water chemistry

| Date | Depth (m) | Conductivity (µs/cm) | pH | Alkalinity expressed as Calcium Carbonate (mg/L) | Phosphorus (parts per billion) |
|-----------|-----------|----------------------|-----|--|--------------------------------|
| 8/17/2005 | 0.5 | 257 | 7.6 | 58.5 | 33.0 |
| | 14.0 | 268 | 6.3 | 57.8 | 336.0 |