

2004 Parameter Data: pH

pH Data for Lakes, Ponds, and Reservoirs

The standard measurement of acidity is pH. A pH of less than 7 is acidic; above pH 7 is alkaline, also known by the term "basic." The pH measurement is a logarithmic measurement, which means that each unit decrease in pH equals a ten-fold increase in acidity. In other words, pH 5 water is ten times more acidic than pH 6 water. The normal pH range for lakes and ponds is between 6 and 9 pH units.

| Watershed | LOCATION | MAY | JUNE | JULY | AUG. | SEPT. | OCT. | MEAN |
|------------------|-------------------------|--------------------------------------|-------------|-------------|-------------|--------------|-------------|-------------|
| Code | pH at 1M | ----- Standard pH units ----- | | | | | | |
| CE | Almy Pond | 8.0 | ^ | 8.0 | ^ | ^ | 8.5 | 8.2 |
| WD | Alton Pond | 6.4 | ^ | 6.7 | ^ | ^ | 6.5 | 6.5 |
| TH | Arnold Pond | 6.4 | ^ | 6.6 | ^ | ^ | 6.4 | 6.5 |
| WD | Barber Pond | 6.4 | ^ | 6.8 | ^ | ^ | 6.3 | 6.5 |
| A | Belleville Pond - Lower | 7.1 | ^ | 7.0 | ^ | ^ | 6.9 | 7.0 |
| A | Belleville Pond - upper | 7.1 | ^ | 7.0 | ^ | ^ | 6.8 | 6.9 |
| PA | Blackamore Pond | 7.3 | ^ | 8.4 | ^ | ^ | 6.9 | 7.5 |
| TH | Bowdish Reservoir | 5.6 | ^ | 6.1 | ^ | ^ | 6.0 | 5.9 |
| WD | Breakheart Pond | 6.1 | ^ | 6.7 | ^ | ^ | 6.2 | 6.4 |
| NA | Brickyard Pond | 7.9 | ^ | 8.2 | ^ | ^ | ^ | 8.0 |
| WD | Browning Mill Pond | 6.2 | ^ | 6.5 | ^ | ^ | 6.3 | 6.3 |
| TH | Carbuncle Pond | 6.5 | ^ | 6.6 | 7.3 | 7.6 | 6.4 | 6.9 |
| PE | Carr Pond (NK) | 6.7 | ^ | 7.2 | ^ | ^ | 6.7 | 6.9 |
| PA | Carr Pond (WG) | 5.1 | ^ | 5.1 | ^ | ^ | 5.1 | 5.1 |
| WD | Chapman Pond | 6.9 | ^ | 8.9 | ^ | ^ | ^ | 7.9 |
| CW | Deep Pond | 6.5 | ^ | 6.2 | ^ | ^ | 6.1 | 6.3 |
| PA | Fenner Pond | 7.1 | ^ | 6.7 | ^ | ^ | 7.2 | 7.0 |
| PA | Flat River Reservoir | 6.3 | ^ | 6.5 | ^ | ^ | 6.3 | 6.4 |
| WO | Georgiaville Pond | 6.9 | ^ | 7.0 | ^ | ^ | 6.7 | 6.9 |
| B | Handy Pond | 7.0 | ^ | 8.8 | ^ | ^ | 7.1 | 7.7 |
| WO | Hawkins Pond | 6.5 | ^ | 6.9 | ^ | ^ | 6.6 | 6.6 |
| WD | Hundred Acre Pond | 6.4 | ^ | 7.3 | ^ | ^ | 6.8 | 6.8 |
| S | Indian Lake | 6.4 | ^ | 6.5 | ^ | ^ | 6.2 | 6.3 |
| B | Keech Pond | 5.9 | ^ | 6.5 | ^ | ^ | 6.4 | 6.2 |
| TH | Lake Washington | 6.3 | ^ | 6.7 | ^ | 6.2 | ^ | 6.4 |
| CE | Lily Pond | 7.4 | ^ | 7.3 | ^ | ^ | 8.0 | 7.6 |
| PA | Little Pond | 6.9 | ^ | 6.9 | ^ | 7.0 | 6.7 | 6.9 |
| WD | Locustville Pond | 5.9 | ^ | ^ | ^ | ^ | ^ | 5.9 |
| S | Long Pond (SK) | 5.7 | ^ | 6.0 | ^ | ^ | 6.2 | 6.0 |
| PA | Mashapaug Pond | 8.3 | ^ | 7.6 | ^ | ^ | 7.5 | 7.8 |
| WD | Meadowbrook Pond | 6.5 | ^ | 6.7 | ^ | ^ | 6.4 | 6.5 |
| NA | Melville Pond - Upper | 7.1 | ^ | 7.0 | ^ | ^ | 7.1 | 7.1 |
| PA | Mishnock Lake | 6.8 | ^ | 6.7 | ^ | ^ | 6.7 | 6.7 |
| SK | Nanaquaket Pond | 8.1 | ^ | 7.6 | ^ | ^ | 7.9 | 7.8 |

2004 Parameter Data: pH

| Watershed | LOCATION | MAY | JUNE | JULY | AUG. | SEPT. | OCT. | MEAN |
|-----------|-------------------------------------|-------------------------------|------|------|------|-------|------|------|
| Code | pH at 1M | ----- Standard pH units ----- | | | | | | |
| PA | Oak Swamp Reservoir | 7.2 | ^ | 7.2 | ^ | ^ | 6.8 | 7.1 |
| B | Pascoag Reservoir | 5.8 | ^ | 7.0 | ^ | ^ | 6.4 | 6.4 |
| WD | Pasquisett Pond | 5.6 | ^ | ^ | ^ | ^ | 6.0 | 5.8 |
| NA | Prince's Pond | 7.3 | ^ | 6.9 | ^ | 7.0 | 7.0 | 7.1 |
| WD | Queen @ Usquepaugh (Glen Rock Res.) | 6.2 | ^ | 6.4 | ^ | ^ | 6.2 | 6.3 |
| PA | Randall Pond | 7.9 | ^ | 9.5 | ^ | ^ | 7.0 | 8.1 |
| CE | Round Pond | 7.6 | ^ | 10.1 | ^ | ^ | 7.9 | 8.5 |
| PA | Sand Pond | 6.7 | ^ | 7.0 | 6.2 | 6.8 | 6.8 | 6.7 |
| S | Saugatucket Pond | 6.3 | ^ | ^ | ^ | ^ | ^ | 6.3 |
| CW | Schoolhouse Pond - Lower | 6.4 | ^ | 6.4 | ^ | ^ | 6.3 | 6.4 |
| CW | Schoolhouse Pond - Upper | 6.4 | ^ | 6.4 | ^ | ^ | 6.1 | 6.3 |
| A | Secret Lake | 7.0 | ^ | 7.0 | ^ | ^ | 6.8 | 6.9 |
| S | Silver Lake | 7.3 | ^ | 7.4 | ^ | ^ | 6.8 | 7.1 |
| PE | Silver Spring Lake | 6.7 | ^ | 6.8 | ^ | ^ | 6.6 | 6.7 |
| CE | Simmon Mills Pond | 6.0 | ^ | 6.2 | ^ | ^ | 5.7 | 6.0 |
| TH | Sisson Pond (Coventry) | 6.4 | ^ | 6.2 | ^ | ^ | 6.3 | 6.3 |
| WO | Slack's Reservoir | 6.8 | ^ | 7.4 | 7.1 | 6.8 | 7.1 | 7.0 |
| TE | Slater Pond | 6.9 | ^ | 6.8 | ^ | ^ | 7.0 | 6.9 |
| B | Slatersville Reservoir - Upper | 6.3 | ^ | 7.2 | 7.1 | ^ | 6.6 | 6.8 |
| B | Smith & Sayles Reservoir | 6.2 | ^ | 7.0 | ^ | ^ | 6.4 | 6.5 |
| WD | Spalding Pond | 6.4 | ^ | 6.4 | ^ | ^ | 6.2 | 6.3 |
| PA | Spectacle Pond | 7.5 | ^ | ^ | 7.1 | ^ | 7.2 | 7.3 |
| B | Spring Grove Pond | 6.3 | ^ | 6.5 | ^ | ^ | 6.2 | 6.3 |
| B | Spring Lake | 6.5 | ^ | 6.9 | ^ | ^ | 6.5 | 6.6 |
| TA | Stafford Pond | 7.1 | ^ | 7.2 | ^ | ^ | 6.9 | 7.1 |
| PA | Tarbox Pond | 5.5 | ^ | 5.5 | ^ | ^ | 5.6 | 5.5 |
| PA | Tiogou Lake | 6.8 | ^ | 7.1 | ^ | ^ | 6.9 | 6.9 |
| WD | Tucker Pond | 5.8 | ^ | ^ | 6.6 | ^ | 6.3 | 6.2 |
| PA | Upper Dam Pond | 7.0 | ^ | 6.9 | ^ | ^ | 7.0 | 6.9 |
| TE | Valley Falls Pond | 6.9 | ^ | 9.8 | ^ | ^ | 7.5 | 8.0 |
| B | Wallum Lake | 6.0 | ^ | 6.1 | ^ | ^ | 6.4 | 6.2 |
| NA | Warwick Pond | 7.7 | ^ | 9.4 | 8.0 | 7.9 | 7.1 | 8.0 |
| WD | Watchaug Pond | 6.2 | ^ | 6.5 | ^ | ^ | 6.3 | 6.3 |
| WO | Waterman Reservoir | 6.6 | ^ | 6.9 | ^ | ^ | 7.0 | 6.8 |
| NA | Wesquage Pond | 7.0 | ^ | 6.9 | ^ | ^ | 7.3 | 7.1 |
| WD | White Brook Pond | 6.5 | ^ | 6.7 | ^ | ^ | 6.7 | 6.6 |
| WD | Wickaboxet Pond | 6.2 | ^ | 6.3 | ^ | ^ | 6.0 | 6.2 |
| WD | Wincheck Pond | 5.1 | ^ | 5.3 | ^ | ^ | 5.7 | 5.4 |
| WO | Woonasquatucket Reservoir - Stump | 6.6 | ^ | 7.0 | ^ | ^ | 6.8 | 6.8 |

