| BILLERICA | alkalinity | pH | sort |  |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  | alkalinity | pH |
| 3/13/06 | 30 | 7.27 | 5 | 6.5 |
| 6/19/06 | 27 | 6.99 | 10 | 6.6 |
| 9/11/06 | 68 | 6.83 | 15 | 6.6 |
| 10/2/06 | 36 | 7.47 | 20 | 6.75 |
| 12/18/06 | 30 | 6.88 | 20 | 6.83 |
| 3/12/07 | 21 |  | 20 | 6.88 |
| 6/11/07 | 24 | 6.75 | 20 | 6.9 |
| 9/10/07 | 40 | 7.2 | 20 | 6.99 |
| 12/10/07 | 25 | 7.7 | 20 | 7 |
| 4/21/08 | 20 | 7.3 | 20 | 7.1 |
| 6/9/08 | 30 | 7.1 | 21 | 7.1 |
| 7/28/08 | 25 | 6.9 | 24 | 7.1 |
| 9/15/08 | 25 | 7.5 | 25 | 7.2 |
| 12/1/08 | 20 | 7.3 | 25 | 7.2 |
| 3/9/09 | 15 | 6.6 | 25 | 7.2 |
| 6/1/09 | 27 | 7.2 | 25 | 7.2 |
| 9/7/09 | 25 | 7 | 25 | 7.27 |
| 1/11/10 | 20 | 7.4 | 27 | 7.3 |
| 3/8/10 | 10 | 7.3 | 27 | 7.3 |
| 6/7/10 | 35 | 7.1 | 30 | 7.3 |
| 12/7/09 | 20 | 7.2 | 30 | 7.3 |
| 9/6/10 | 35 | 7.3 | 30 | 7.3 |
| 12/6/10 | 20 | 7.2 | 30 | 7.4 |
| 3/14/11 | 5 | 7.1 | 35 | 7.4 |
| 6/6/11 | 30 | 7.4 | 35 | 7.47 |
| 9/5/11 | 20 | 6.5 | 36 | 7.5 |
| 12/5/11 | 20 | 6.6 | 40 | 7.7 |
| 3/5/12 | 25 | 7.3 | 68 |  |
| min | 5 | 6.5 | 5 | 6.5 |
| max | 68 | 7.7 | 68 | 7.7 |
| average | 26 | 7.125556 | 26 | 7.125556 |
| count | 28 | 27 | 28 | 27 |

## Concord

|  | alk | pH |
| :---: | :---: | :---: |
| Sep-09 | 28 | 6.63 |
| Dec-09 | 19.6 | 7.23 |
| Mar-10 | 16.6 | 6.79 |
| Jun-10 | 31.3 | 6.6 |
| Sep-10 | 40.7 | 7.1 |
| Dec-10 | 15 | 6.83 |
| Mar-11 | 12.5 | 6.73 |
| Jun-11 | 31 | 7 |
| Sep-11 | 26.7 | 6.3 |
| Dec-11 | 19.3 | 6.5 |
| Mar-12 | 23.3 | 7.1 |


| 12.5 | 6.3 |
| :---: | :---: |
| 40.7 | 7.23 |
| 24 | 6.800909 |
| 11 | 11 |

